

Schema **taf_cat_complete_sector_3.5.2.1.xsd**

schema location: [taf_cat_complete_sector_3.5.2.1.xsd](#)
 attributeFormDefault: **unqualified**
 elementFormDefault: **qualified**
 targetNamespace: **http://www.era.europa.eu/schemes/TAFTSI/3.5**

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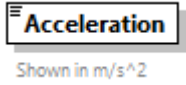
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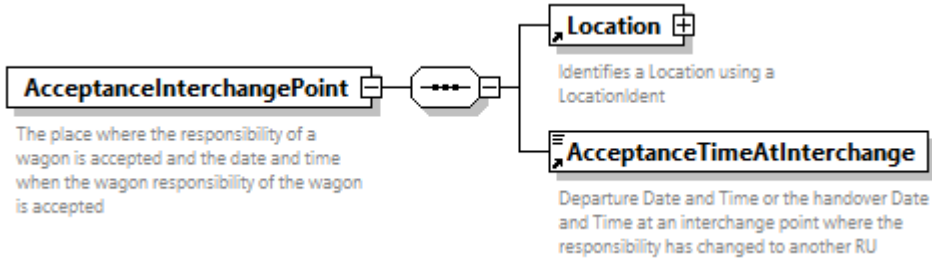
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element **Acceleration**

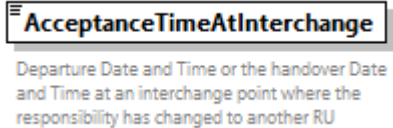
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:decimal
properties	content simple
used by	element TechnicalParameters
annotation	documentation Shown in m/s^2
source	<pre><xs:element name="Acceleration" type="xs:decimal"> <xs:annotation> <xs:documentation>Shown in m/s^2</xs:documentation> </xs:annotation> </xs:element></pre>

element **AcceptanceInterchangePoint**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location AcceptanceTimeAtInterchange
used by	elements WagonInterchangeSubNoticeMessage WagonReceivedAtInterchangeMessage
annotation	documentation The place where the responsibility of a wagon is accepted and the date and time when the wagon responsibility of the wagon is accepted
source	<pre><xs:element name="AcceptanceInterchangePoint"> <xs:annotation> <xs:documentation>The place where the responsibility of a wagon is accepted and the date and time when the wagon responsibility of the wagon is accepted</xs:documentation> </xs:annotation> <xs:complexType></pre>

	<pre> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="AcceptanceTimeAtInterchange"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AcceptanceTimeAtInterchange**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element AcceptanceInterchangePoint
annotation	documentation Departure Date and Time or the handover Date and Time at an interchange point where the responsibility has changed to another RU
source	<pre> <xs:element name="AcceptanceTimeAtInterchange" type="xs:dateTime"> <xs:annotation> <xs:documentation>Departure Date and Time or the handover Date and Time at an interchange point where the responsibility has changed to another RU</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ActualBrakeWeight**

diagram	ActualBrakeWeight Effective braked weight									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element Locident									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	999									
annotation	documentation Effective braked weight									
source	<xs:element name="ActualBrakeWeight"> <xs:annotation>									

	<pre> <xs:documentation>Effective braked weight</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ActualEndTime**

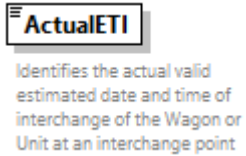
diagram	 Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
source	<pre> <xs:element name="ActualEndTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ActualETA**

diagram	 Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element AlertMessage
annotation	documentation Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.

source	<pre> <xs:element name="ActualETA" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ActualETI**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point
source	<pre> <xs:element name="ActualETI" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ActualOperationalWagonData**

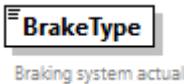
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	BrakeWeight BrakeType HandBrakeStatus ParkingBrakeForceActual WagonMaxSpeed TotalWagonWeight EntityInChargeOfMaintenance
used by	element WagonDataHERMES
annotation	documentation Actual operational Wagon data
source	<pre> <xs:element name="ActualOperationalWagonData"> <xs:annotation> <xs:documentation>Actual operational Wagon data</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="BrakeWeight"> <xs:annotation> <xs:documentation>Brake weight actual</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="BrakeType"> </pre>

	<pre> <xs:annotation> <xs:documentation>Braking system actual</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="G"/> <xs:enumeration value="P"/> <xs:enumeration value="R"/> <xs:enumeration value="X"/> <xs:enumeration value="U"/> <xs:enumeration value="T"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="HandBrakeStatus" minOccurs="0"/> <xs:element ref="ParkingBrakeForceActual" minOccurs="0"/> <xs:element ref="WagonMaxSpeed" minOccurs="0"/> <xs:element ref="TotalWagonWeight"/> <xs:element ref="EntityInChargeOfMaintenance" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

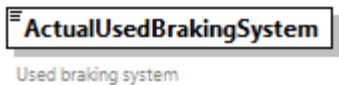
element **ActualOperationalWagonData/BrakeWeight**

diagram	BrakeWeight Brake weight actual									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	elements BrakeUnit PassengerTrainData PlannedTrainTechnicalData RollingStockTechnicalData Traction TrainRunningTechData TrainTechData WagonOperationalData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	999									
annotation	documentation Brake weight actual									
source	<pre><xs:element name="BrakeWeight"> <xs:annotation> <xs:documentation>Brake weight actual</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ActualOperationalWagonData/BrakeType**

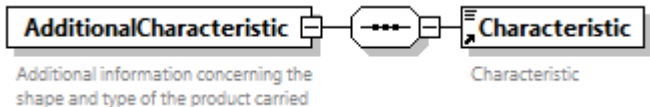
diagram																						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																					
type	restriction of xs:string																					
properties	content simple																					
used by	elements BrakeUnit PassengerTrainData PlannedTrainTechnicalData RollingStockTechnicalData TechnicalParameters TrainRunningTechData WagonOperationalData																					
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>G</td><td></td></tr><tr><td>enumeration</td><td>P</td><td></td></tr><tr><td>enumeration</td><td>R</td><td></td></tr><tr><td>enumeration</td><td>X</td><td></td></tr><tr><td>enumeration</td><td>U</td><td></td></tr><tr><td>enumeration</td><td>T</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	G		enumeration	P		enumeration	R		enumeration	X		enumeration	U		enumeration	T	
Kind	Value	Annotation																				
enumeration	G																					
enumeration	P																					
enumeration	R																					
enumeration	X																					
enumeration	U																					
enumeration	T																					
annotation	documentation Braking system actual																					
source	<pre><xs:element name="BrakeType"> <xs:annotation> <xs:documentation>Braking system actual</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="G"/> <xs:enumeration value="P"/> <xs:enumeration value="R"/> <xs:enumeration value="X"/> <xs:enumeration value="U"/> <xs:enumeration value="T"/> </xs:restriction> </xs:simpleType> </xs:element></pre>																					

element **ActualUsedBrakingSystem**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
used by	element Locident

facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>G</td><td></td></tr><tr><td>enumeration</td><td>P</td><td></td></tr><tr><td>enumeration</td><td>R</td><td></td></tr><tr><td>enumeration</td><td>X</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	G		enumeration	P		enumeration	R		enumeration	X	
Kind	Value	Annotation														
enumeration	G															
enumeration	P															
enumeration	R															
enumeration	X															
annotation	documentation Used braking system															
source	<pre><xs:element name="ActualUsedBrakingSystem"> <xs:annotation> <xs:documentation>Used braking system</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="G"/> <xs:enumeration value="P"/> <xs:enumeration value="R"/> <xs:enumeration value="X"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

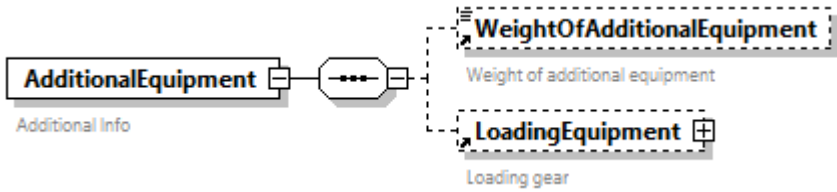
element **AdditionalCharacteristic**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Characteristic
used by	element LoadingSpecial
annotation	documentation Additional information concerning the shape and type of the product carried
source	<pre><xs:element name="AdditionalCharacteristic"> <xs:annotation> <xs:documentation>Additional information concerning the shape and type of the product carried</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Characteristic"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **AdditionalChemicalName**

diagram	AdditionalChemicalName Additional chemical name to WLR_10									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element ListOfDangerousGoods									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Additional chemical name to WLR_10									
source	<pre><xs:element name="AdditionalChemicalName"> <xs:annotation> <xs:documentation>Additional chemical name to WLR_10</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **AdditionalEquipment**

diagram	 The diagram shows a box labeled 'AdditionalEquipment' with a small icon of a document with a list. Below the box is the text 'Additional Info'. To the right of the box is a sequence container (a box with three dots) containing two elements: 'WeightOfAdditionalEquipment' (with a small icon of a scale) and 'LoadingEquipment' (with a small icon of a truck). Below 'WeightOfAdditionalEquipment' is the text 'Weight of additional equipment' and below 'LoadingEquipment' is the text 'Loading gear'.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WeightOfAdditionalEquipment LoadingEquipment
used by	element WagonLoad
annotation	documentation Additional Info
source	<pre> <xs:element name="AdditionalEquipment"> <xs:annotation> <xs:documentation>Additional Info</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre>

	<pre> <xs:element ref="WeightOfAdditionalEquipment" minOccurs="0"/> <xs:element ref="LoadingEquipment" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AdditionalInformationToNHM**

diagram	AdditionalInformationToNHM Additional information to NHM									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	elements ILU InformationPerNHM InformationPerNHM									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Additional information to NHM									
source	<pre><xs:element name="AdditionalInformationToNHM"> <xs:annotation> <xs:documentation>Additional information to NHM</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **AdditionalInstruction**

diagram	☰ AdditionalInstruction Additional instructions regarding the wagon or shipment in free text									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									

annotation	documentation Additional instructions regarding the wagon or shipment in free text
source	<pre><xs:element name="AdditionalInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Additional instructions regarding the wagon or shipment in free text</xs:documentation> </xs:annotation> </xs:element></pre>

element **Address**

diagram	Address Generic postal address in clear text									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	element AdministrativeContactInformation									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Generic postal address in clear text									
source	<pre><xs:element name="Address" type="FreeText"> <xs:annotation> <xs:documentation>Generic postal address in clear text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **AdministrativeContactInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Name Address eMail PhoneNumber FaxNumber FreeTextField
used by	elements CapacityModelMessage ErrorMessage LoadingFacility ObjectInfoMessage PathCanceledMessage PathConfirmedMessage PathCoordinationMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PathSectionNotificationMessage UpdateLinkMessage complexType TCRType
annotation	documentation Used to define administrative contact information
source	<pre> <xs:element name="AdministrativeContactInformation"> <xs:annotation> <xs:documentation>Used to define administrative contact information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"/> <xs:element ref="Address" minOccurs="0"/> <xs:element ref="eMail" minOccurs="0"/> <xs:element ref="PhoneNumber" minOccurs="0"/> <xs:element ref="FaxNumber" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AffectedLocation**

diagram	<pre> classDiagram class AffectedLocation { Location LocationDateTime OperationalTrainNumberIdentifier } AffectedLocation --> Location AffectedLocation --> LocationDateTime AffectedLocation -.-> OperationalTrainNumberIdentifier </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location LocationDateTime OperationalTrainNumberIdentifier
used by	element ReceiptConfirmationMessage
annotation	documentation Affected location
source	<pre> <xs:element name="AffectedLocation"> <xs:annotation> <xs:documentation>Affected location </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="LocationDateTime"/> <xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AffectedSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	StartOfSection EndOfSection OperationalTrainNumberIdentifier PlannedCalendar NetworkSpecificParameter
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsRefusedMessage PathNotAvailableMessage PathSectionNotificationMessage ReceiptConfirmationMessage
annotation	documentation Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancelation for the last part of the path
source	<pre> <xs:element name="AffectedSection"> <xs:annotation> <xs:documentation>Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancelation for the last part of the path</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="StartOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> <xs:element name="EndOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> </pre>

	<pre> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> <xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/> <xs:element ref="PlannedCalendar"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AffectedSection/StartOfSection**

diagram	The diagram illustrates the structure of the StartOfSection element. It is an extension of the LocationIdent element. The StartOfSection element contains the following components: CountryCodeISO: Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode: Identifies a Location by code PrimaryLocationName: Location Name in an official language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification: Code, Name and allocation company of Subsidiary Location BookedLocationDateTime: Contains the most recent planned datetime including re-planning in planning and operations phase, which is the datetime of the last Path Details Message status "booked". BookedLocationTime: Contains the most recent planned time including re-planning in planning and operations phase, which is the time of the last Path Details Message status "booked".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime

source	<pre> <xs:element name="StartOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **AffectedSection/EndOfSection**

diagram	The diagram illustrates the structure of the EndOfSection element. It is an extension of the LocationIdent element. The LocationIdent extension is shown as a dashed box containing the following elements: CountryCodeISO: Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName: Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification: Code, Name and allocation company of Subsidiary Location Below the LocationIdent extension, there is a dashed box containing the following elements: BookedLocationDateTime: Contains the most recent planned datetime including re-planning in planning and operations phase, which is the datetime of the last Path Details Message status "booked". BookedLocationTime The EndOfSection element is shown as a box connected to the LocationIdent extension box.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime
source	<pre> <xs:element name="EndOfSection"> <xs:complexType> <xs:complexContent> </pre>

	<pre> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **AgainstBooked**

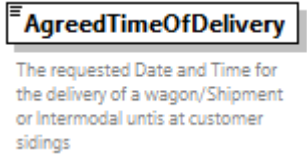
diagram	 Identifies the Delta delay time against the booked schedule in minutes
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	DeltaTime
properties	content simple
used by	element TrainDelay
facets	Kind Value Annotation length 5
annotation	documentation Identifies the Delta delay time against the booked schedule in minutes
source	<pre> <xs:element name="AgainstBooked" type="DeltaTime"> <xs:annotation> <xs:documentation>Identifies the Delta delay time against the booked schedule in minutes</xs:documentation> </xs:annotation> </xs:element> </pre>

element **AgainstReferenced**

diagram	 Delay compared to the referenced Date/Time
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	DeltaTime
properties	content simple
used by	element TrainDelay
facets	Kind Value Annotation length 5
annotation	documentation

	Delay compared to the referenced Date/Time
source	<pre><xs:element name="AgainstReferenced" type="DeltaTime"> <xs:annotation> <xs:documentation>Delay compared to the referenced Date/Time</xs:documentation> </xs:annotation> </xs:element></pre>

element **AgreedTimeOfDelivery**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element ConsignmentOrderMessage/COMS/COM
annotation	documentation The requested Date and Time for the delivery of a wagon/Shipment or Intermodal untis at customer sidings
source	<pre><xs:element name="AgreedTimeOfDelivery" type="xs:dateTime"> <xs:annotation> <xs:documentation>The requested Date and Time for the delivery of a wagon/Shipment or Intermodal untis at customer sidings</xs:documentation> </xs:annotation> </xs:element></pre>

element **AirBrake**

diagram	AirBrake Characteristics of Air Brakes NumberOfBrakes Number of air brakes BrakeSystem Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hlk; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe AirBrakeType Classification of air brake. BrakingPowerVariationDevice Coding in IRS 90920-13; A.4.2.1 (Brake design) AirBrakedMass General braked weight for wagon without any variation device or braked weight in position "empty" for wagons with a variation device or maximum brake weight for wagons with a linear auto continuous brake weight device "0" for wagons without brake system (in tons) LoadChangeDevice Specific weights for change over air brake systems 0..∞ BrakeSpecialCharacteristics General brake characteristics. The values refer to UIC leaflet 920-13.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NumberOfBrakes BrakeSystem AirBrakeType BrakingPowerVariationDevice AirBrakedMass LoadChangeDevice BrakeSpecialCharacteristics
used by	elements RollingStockDataset/DesignDataSet RollingStockTechnicalData WagonDataHERMES/WagonTechDataHERMES
annotation	documentation Characteristics of Air Brakes
source	<pre><xs:element name="AirBrake"> <xs:annotation> <xs:documentation>Characteristics of Air Brakes</xs:documentation> </xs:annotation></pre>

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="NumberOfBrakes" type="Numeric2-2">
      <xs:annotation>
        <xs:documentation>Number of air brakes</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="BrakeSystem" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Abbreviation of air brake system. Following values are
examples:
Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake
pipe</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="256"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="AirBrakeType"/>
    <xs:element ref="BrakingPowerVariationDevice"/>
    <xs:element ref="AirBrakedMass">
      <xs:annotation>
        <xs:documentation>General braked weight for wagon without any variation
device or braked weight in position "empty" for wagons with a variation device or
maximum brake weight for wagons with a linear auto continuous brake weight device
"0" for wagons without brake system (in tonns)</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="LoadChangeDevice" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Specific weights for change over air brake
systems</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="ChangeOverWeight" type="Numeric3-3">
            <xs:annotation>
              <xs:documentation>Change over weight of braked weight in tonns
variation device</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="AirBrakedMassLoaded" type="Numeric3-3">
            <xs:annotation>
              <xs:documentation>Braked weight in tonns loaded for change over
weight</xs:documentation>
            </xs:annotation>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element ref="BrakeSpecialCharacteristics"/>
  </xs:sequence>
</xs:complexType>

```

	</xs:element>

element **AirBrake/NumberOfBrakes**

diagram	☰ NumberOfBrakes Number of air brakes									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric2-2									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>01</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Number of air brakes									
source	<pre><xs:element name="NumberOfBrakes" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of air brakes</xs:documentation> </xs:annotation> </xs:element></pre>									

element **AirBrake/BrakeSystem**

diagram	BrakeSystem Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>256</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe						
source	<xs:element name="BrakeSystem" minOccurs="0"> <xs:annotation> <xs:documentation>Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe</xs:documentation>						

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **AirBrake/LoadChangeDevice**

diagram	Specific weights for change over air brake systems 0..∞ ChangeOverWeight Change over weight of braked weight in tonns variation device AirBrakedMassLoaded Braked weight in tonns loaded for change over weight
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	ChangeOverWeight AirBrakedMassLoaded
annotation	documentation Specific weights for change over air brake systems
source	<pre> <xs:element name="LoadChangeDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specific weights for change over air brake systems</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tonns variation device</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tonns loaded for change over weight</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AirBrake/LoadChangeDevice/ChangeOverWeight**

diagram	☰ ChangeOverWeight Change over weight of braked weight in tonnes variation device									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric3-3									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>001</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation Change over weight of braked weight in tonnes variation device									
source	<pre><xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tonnes variation device</xs:documentation> </xs:annotation> </xs:element></pre>									

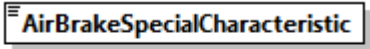
element **AirBrake/LoadChangeDevice/AirBrakedMassLoaded**

diagram	AirBrakedMassLoaded Braked weight in tonnes loaded for change over weight									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric3-3									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>001</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation Braked weight in tonnes loaded for change over weight									
source	<pre><xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tonnes loaded for change over weight</xs:documentation> </xs:annotation> </xs:element></pre>									

element **AirBrakedMass**

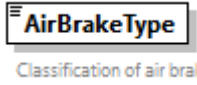
diagram	AirBrakedMass General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons).									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element AirBrake									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	999									
annotation	documentation General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons).									
source	<pre><xs:element name="AirBrakedMass"> <xs:annotation> <xs:documentation>General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **AirBrakeSpecialCharacteristic**

diagram	 Special characteristic of an air brake system (e.g. two or more steps brake). Coding in IRS 90920-13; A.4.2.1 (Brake design)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	content simple

used by	elements RollingStockTechnicalData UnitTechnicalData
annotation	documentation Special characteristic of an air brake system (e.g. two or more steps brake). Coding in IRS 90920-13; A.4.2.1 (Brake design)
source	<pre> <xs:element name="AirBrakeSpecialCharacteristic" type="xs:string"> <xs:annotation> <xs:documentation>Special characteristic of an air brake system (e.g. two or more steps brake). Coding in IRS 90920-13; A.4.2.1 (Brake design)</xs:documentation> </xs:annotation> </xs:element> </pre>

element **AirBrakeType**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
used by	elements AirBrake UnitTechnicalData WagonTechData		
facets	Kind	Value	Annotation
	enumeration	0	documentation Through pipe
	enumeration	1	documentation G system only
	enumeration	2	documentation P system only
	enumeration	3	documentation G/P combined system
	enumeration	8	documentation No air brake or brake pipe
	enumeration	9	documentation Non coded system
annotation	documentation Classification of air brake.		
source	<pre> <xs:element name="AirBrakeType"> <xs:annotation> <xs:documentation>Classification of air brake.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Through pipe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> </pre>		

	<pre> <xs:annotation> <xs:documentation>G system only</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>P system only</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>G/P combined system</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>No air brake or brake pipe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>Non coded system</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **AlertMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

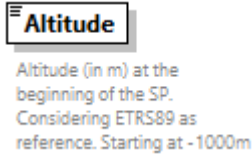
properties	content complex
children	MessageHeader CommitmentETA ActualETA WagonNumberFreight
annotation	documentation Following the comparison between the actual ETA and the commitment to the customer, the Lead RU sends this Alert Message to the actual RU in charge and to all following RUs involved in the transport chain
source	<pre> <xs:element name="AlertMessage"> <xs:annotation> <xs:documentation>Following the comparison between the actual ETA and the commitment to the customer, the Lead RU sends this Alert Message to the actual RU in charge and to all following RUs involved in the transport chain</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="CommitmentETA"/> <xs:element ref="ActualETA"/> <xs:element ref="WagonNumberFreight"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AllocationCompany**

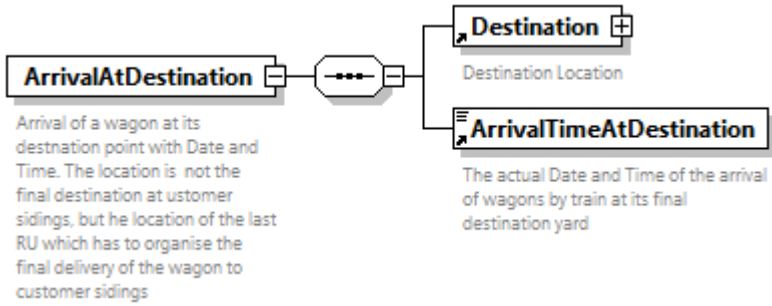
diagram	AllocationCompany Name of company who is responsible for allocation and maintenance of codes												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	elements BorderPoint ILU CommercialForwardingData/CommercialDestination CommercialDestinationOfWagon WagonDataHERMES/Consignmentdata/CommercialForwardingData ILU CommercialForwardingData/CommercialOrigin CustomsClearingPoint DeliveryLocation WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation IntermediateHandling LocationSubsidiaryIdentification LocationSubsidiaryInformation OperationalDestinationOfWagon												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Name of company who is responsible for allocation and maintenance of codes												
source	<pre><xs:element name="AllocationCompany" type="CompanyCode"> <xs:annotation></pre>												

	<pre> <xs:documentation>Name of company who is responsible for allocation and maintenance of codes</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Altitude**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:integer
properties	content simple
used by	element GeographicCoordinates
annotation	documentation Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m
source	<pre> <xs:element name="Altitude" type="xs:integer"> <xs:annotation> <xs:documentation>Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ArrivalAtDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Destination ArrivalTimeAtDestination
annotation	documentation Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but the location of the last RU which has to organise the final delivery of the wagon to customer sidings
source	<pre> <xs:element name="ArrivalAtDestination"> </pre>

	<pre> <xs:annotation> <xs:documentation>Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but the location of the last RU which has to organise the final delivery of the wagon to customer sidings</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Destination"/> <xs:element ref="ArrivalTimeAtDestination"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ArrivalInterchangeReport**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Source Location ArrivalTimeAtLocation TrainID
used by	element WagonETI ETA Message
annotation	documentation The arrival or interchange station where ETI end
source	<pre> <xs:element name="ArrivalInterchangeReport"> <xs:annotation> <xs:documentation>The arrival or interchange station where ETI end</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Source"> <xs:annotation> <xs:documentation>Source of information</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Experienced time of arrival"/> </pre>

	<pre> <xs:enumeration value="Real Time Train Situation"/> <xs:enumeration value="Estimated time of arrival"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Location"/> <xs:element ref="ArrivalTimeAtLocation"/> <xs:element ref="TrainID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ArrivalInterchangeReport/Source**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	Experienced time of arrival	
	enumeration	Real Time Train Situation	
	enumeration	Estimated time of arrival	
annotation	documentation Source of information		
source	<pre> <xs:element name="Source"> <xs:annotation> <xs:documentation>Source of information</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Experienced time of arrival"/> <xs:enumeration value="Real Time Train Situation"/> <xs:enumeration value="Estimated time of arrival"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

element **ArrivalTimeAtDestination**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		

type	xs:dateTime
properties	content simple
used by	element ArrivalAtDestination
annotation	documentation The actual Date and Time of the arrival of wagons by train at its final destination yard
source	<pre><xs:element name="ArrivalTimeAtDestination" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual Date and Time of the arrival of wagons by train at its final destination yard</xs:documentation> </xs:annotation> </xs:element></pre>

element **ArrivalTimeAtLocation**

diagram	 The actual arrival date and time at the defined location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element ArrivalInterchangeReport
annotation	documentation The actual arrival date and time at the defined location
source	<pre><xs:element name="ArrivalTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual arrival date and time at the defined location</xs:documentation> </xs:annotation> </xs:element></pre>

element **ArrivalTimeAtLocationActual**

diagram	 The actual arrival date and time at the defined location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation The actual arrival date and time at the defined location
source	<pre><xs:element name="ArrivalTimeAtLocationActual" type="xs:dateTime"></pre>

	<pre> <xs:annotation> <xs:documentation>The actual arrival date and time at the defined location</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ArrivalTrackAtLocation**

diagram	<pre> classDiagram class ArrivalTrackAtLocation { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } class LocationIdent { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } ArrivalTrackAtLocation --> LocationIdent </pre> ArrivalTrackAtLocation Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode. LocationIdent CountryCodeISO Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification Code, Name and allocation company of Subsidiary Location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.
source	<pre> <xs:element name="ArrivalTrackAtLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode. </xs:documentation> </xs:annotation> </xs:element> </pre>

element **AssociatedAttachedLocationIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	complexType TrainActivityType
annotation	documentation Location in the path of train with AssociatedAttachedTrainID/AssociatedAttachedOTN, for which dependency described in TrainActivityTypeCode exists
source	<pre> <xs:element name="AssociatedAttachedLocationIdent" type="LocationIdent"> <xs:annotation> <xs:documentation>Location in the path of train with AssociatedAttachedTrainID/AssociatedAttachedOTN, for which dependency described in TrainActivityTypeCode exists </xs:documentation> </xs:annotation> </xs:element> </pre>

element **AssociatedAttachedOTN**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	String1-8
properties	content simple

used by	elements TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/AssociatedTrain Association complexType TrainActivityType
facets	Kind Value Annotation minLength 1 maxLength 8
annotation	documentation Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.
source	<pre><xs:element name="AssociatedAttachedOTN" type="String1-8"> <xs:annotation> <xs:documentation>Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.</xs:documentation> </xs:annotation> </xs:element></pre>

element **AssociatedAttachedTimingAtLocation**

diagram	Identifies the time at location of the associated attached train or train service number given by AssociatedAttachedTrainID or AssociatedAttachedOTN or AssociatedAttachedTrainServiceNumber. In general, the Dwell Time element of structure TimingAtLocation is not provided when using TrainActivityType Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arrival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through 1..∞
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TimingAtLocation
used by	complexType TrainActivityType
annotation	documentation Identifies the time at location of the associated attached train or train service number given by AssociatedAttachedTrainID or AssociatedAttachedOTN or AssociatedAttachedTrainServiceNumber. In general, the Dwell Time element of structure TimingAtLocation is not provided when using TrainActivityType
source	<pre><xs:element name="AssociatedAttachedTimingAtLocation"> <xs:annotation> <xs:documentation>Identifies the time at location of the associated attached</pre>

	train or train service number given by AssociatedAttachedTrainID or AssociatedAttachedOTN or AssociatedAttachedTrainServiceNumber. In general, the Dwell Time element of structure TimingAtLocation is not provided when using TrainActivityType</xs:documentation> <pre> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TimingAtLocation" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AssociatedAttachedTrainID**

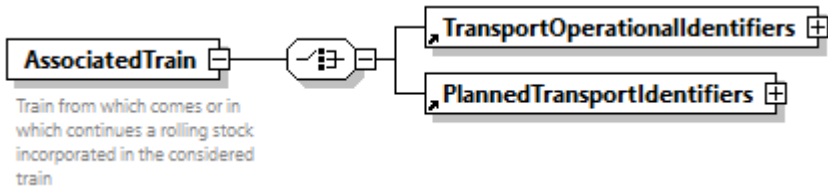
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompositIdentifierPlannedType

properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/AssociatedTrain Association complexType TrainActivityType
annotation	documentation TrainID of the Associated Train in an Attach Activity
source	<pre> <xs:element name="AssociatedAttachedTrainID" type="CompositIdentifierPlannedType"> <xs:annotation> <xs:documentation>TrainID of the Associated Train in an Attach Activity</xs:documentation> </xs:annotation> </xs:element> </pre>

element **AssociatedAttachedTrainServiceNumber**

diagram	☰ AssociatedAttachedTrainService... Identifies the associated train service line number for the train activity connecting service									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	String1-8									
properties	content simple									
used by	complexType TrainActivityType									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>8</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
annotation	documentation Identifies the associated train service line number for the train activity connecting service									
source	<pre><xs:element name="AssociatedAttachedTrainServiceNumber" type="String1-8"> <xs:annotation> <xs:documentation>Identifies the associated train service line number for the train activity connecting service</xs:documentation> </xs:annotation> </xs:element></pre>									

element **AssociatedTrain**

diagram	

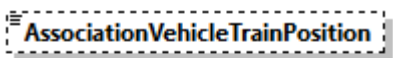
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TransportOperationalIdentifiers PlannedTransportIdentifiers
annotation	documentation Train from which comes or in which continues a rolling stock incorporated in the considered train
source	<pre> <xs:element name="AssociatedTrain"> <xs:annotation> <xs:documentation>Train from which comes or in which continues a rolling stock incorporated in the considered train</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element ref="TransportOperationalIdentifiers"/> <xs:element ref="PlannedTransportIdentifiers"/> </xs:choice> </xs:complexType> </xs:element> </pre>

element **Association**

diagram	Association Indicates the location of association/disassociation of a rolling stock and the identification of the concerned train AssociatedAttachedTrainID TrainID of the Associated Train in an Attach Activity 0..∞ AssociationLocation Indicates the location of association/disassociation of a rolling stock ComesFromContinuesInIndicator Indicates if the rolling stock comes from a train or continues in another train AssociatedAttachedOTN Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc. RetailServiceID Retail Train Number written on the ticket 0..∞ AssociationVehicleTrainPosition Indicates the expected value of the VehicleTrainposition the rolling stock will take in the associated train the rolling stock will continue in. Or the VehicleTrainposition the rolling stock had in the associated train the rolling stock came from. NOTE: the AssociationVehicleTrainPosition will follow the direction of the associated train.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	AssociatedAttachedTrainID AssociationLocation ComesFromContinuesInIndicator AssociatedAttachedOTN RetailServiceID AssociationVehicleTrainPosition
used by	element ItineraryOfUnit
annotation	documentation Indicates the location of association/disassociation of a rolling stock and the identification of the concerned train
source	<pre><xs:element name="Association"> <xs:annotation> <xs:documentation>Indicates the location of association/disassociation of a rolling stock and the identification of the concerned train </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="AssociatedAttachedTrainID" minOccurs="0"</pre>

	<pre> maxOccurs="unbounded"/> <xs:element ref="AssociationLocation" minOccurs="0"/> <xs:element ref="ComesFromContinuesInIndicator" minOccurs="0"/> <xs:element ref="AssociatedAttachedOTN" minOccurs="0"/> <xs:element ref="RetailServiceID" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Retail Train Number written on the ticket</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AssociationVehicleTrainPosition" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Indicates the expected value of the VehicleTrainposition the rolling stock will take in the associated train the rolling stock will continue in. Or the VehicleTrainposition the rolling stock had in the associated train the rolling stock came from. NOTE: the AssociationVehicleTrainPosition will follow the direction of the associated train.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Association/AssociationVehicleTrainPosition**

diagram	 Indicates the expected value of the VehicleTrainposition the rolling stock will take in the associated train the rolling stock will continue in. Or the VehicleTrainposition the rolling stock had in the associated train the rolling stock came from. NOTE: the AssociationVehicleTrainPosition will follow the direction of the associated train.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99
annotation	documentation Indicates the expected value of the VehicleTrainposition the rolling stock will take in the associated train

	the rolling stock will continue in. Or the VehicleTrainposition the rolling stock had in the associated train the rolling stock came from. NOTE: the AssociationVehicleTrainPosition will follow the direction of the associated train.
source	<pre> <xs:element name="AssociationVehicleTrainPosition" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Indicates the expected value of the VehicleTrainposition the rolling stock will take in the associated train the rolling stock will continue in. Or the VehicleTrainposition the rolling stock had in the associated train the rolling stock came from. NOTE: the AssociationVehicleTrainPosition will follow the direction of the associated train.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **AssociationLocation**

diagram	The diagram illustrates the structure of the AssociationLocation element. It is a complex type that contains four child elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. The CountryCodeISO element is required and identifies a County or State by code (ISO 3166-1). The LocationPrimaryCode element is required and identifies a Location Primary Code. The PrimaryLocationName element is optional (indicated by a dashed box) and represents the Location Name in an official language of the Country using the ISO Unicode alphabet. The LocationSubsidiaryIdentification element is optional (indicated by a dashed box and a plus sign in a square) and represents the Code, Name and allocation company of Subsidiary Location. The AssociationLocation element itself is described as indicating the location of association/disassociation of a rolling stock.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element Association
annotation	documentation Indicates the location of association/disassociation of a rolling stock
source	<pre> <xs:element name="AssociationLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Indicates the location of association/disassociation of a </pre>

	<pre> rolling stock</xs:documentation> </xs:annotation> </xs:element> </pre>

element **AuthorisedMaximumLoad**

diagram	≡ AuthorisedMaximumLoad Authorised maximum load									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element TableOfLoadLimits/ListOfLoadLimits									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	9999									
annotation	documentation Authorised maximum load									
source	<pre><xs:element name="AuthorisedMaximumLoad"> <xs:annotation> <xs:documentation>Authorised maximum load</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **AvailabilityFrom**

diagram	The diagram illustrates the structure of the AvailabilityFrom element. It is a complex type containing a LocationIdent element. LocationIdent is a complex type containing four elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. AvailabilityFrom: Location from where a service is available LocationIdent: Identifies a County or State by code (ISO 3166-1) CountryCodeISO: Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode: Location Name in an offication language of the Country using the ISO Unicode alphabet PrimaryLocationName: Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification: Code, Name and allocation company of Subsidiary Location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements CommercialService SpecialServiceDescription
annotation	documentation Location from where a service is available
source	<pre> <xs:element name="AvailabilityFrom" type="LocationIdent"> <xs:annotation> <xs:documentation>Location from where a service is available</xs:documentation> </xs:annotation> </xs:element> </pre>

element **AvailabilityTo**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements CommercialService SpecialServiceDescription
annotation	documentation Location to where a service is available
source	<pre><xs:element name="AvailabilityTo" type="LocationIdent"> <xs:annotation> <xs:documentation>Location to where a service is available</xs:documentation> </xs:annotation> </xs:element></pre>

element **BitmapDays**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
used by	elements PlannedCalendar ReferenceTrainIDSubCalendar RequestedCalendar
facets	Kind Value Annotation

	minLength 1 maxLength 740 whiteSpace collapse pattern [0-1]{1,740}
annotation	documentation Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.
source	<pre> <xs:element name="BitmapDays"> <xs:annotation> <xs:documentation>Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="740"/> <xs:whiteSpace value="collapse"/> <xs:pattern value="[0-1]{1,740}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **BogiePitch**

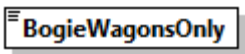
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	content simple
used by	elements RollingStockDataset/DesignDataSet WagonDataHERMES/WagonTechDataHERMES
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Bogie Wheelbase measured in mm
source	<pre> <xs:element name="BogiePitch"> <xs:annotation> <xs:documentation>Bogie Wheelbase measured in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </pre>

	<code></xs:element></code>

element **BogiePivotPitch**

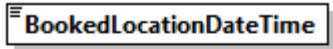
diagram	BogiePivotPitch Largest distance between two adjacent bogie pitches in mm									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric1-5									
properties	content simple									
used by	element WagonDataHERMES/WagonTechDataHERMES									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Largest distance between two adjacent bogie pitches in mm									
source	<pre><xs:element name="BogiePivotPitch" type="Numeric1-5"> <xs:annotation> <xs:documentation>Largest distance between two adjacent bogie pitches in mm</xs:documentation> </xs:annotation> </xs:element></pre>									

element **BogieWagonsOnly**

diagram	 Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. Then content of element is "no"/"false" or element isn't used means the train contains of different wagons (not homogeneous only with bogie wagons).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	documentation Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. Then content of element is "no"/"false" or element isn't used means the train contains of different wagons (not homogeneous only with bogie wagons).

source	<pre> <xs:element name="BogieWagonsOnly" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. Then content of element is "no"/"false" or element isn't used means the train contains of different wagons (not homogeneous only with bogie wagons).</xs:documentation> </xs:annotation> </xs:element> </pre>

element **BookedLocationDateTime**

diagram	 Contains the most recent planned datetime including re-planning in planning and operations phase, which is the datetime of the last Path Details Message status "booked".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements ChangeOfTrackMessage DelayEventForecast DelayEventReport AffectedSection/EndOfSection InterruptionPoint JourneySectionDestination JourneySectionOrigin LocationModified AffectedSection/StartOfSection TimingAtLocation/Timing TrainAtLocation TrainLocationReport
annotation	documentation Contains the most recent planned datetime including re-planning in planning and operations phase, which is the datetime of the last Path Details Message status "booked".
source	<pre> <xs:element name="BookedLocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Contains the most recent planned datetime including re-planning in planning and operations phase, which is the datetime of the last Path Details Message status "booked".</xs:documentation> </xs:annotation> </xs:element> </pre>

element **BookedLocationTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:time
properties	content simple
used by	elements AffectedSection/EndOfSection AffectedSection/StartOfSection
source	<pre> <xs:element name="BookedLocationTime" type="xs:time"/> </pre>

element **BorderPoint**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName SubsidiaryLocationType SubsidiaryLocationCode AllocationCompany LocationSubsidiaryName
used by	elements InterchangePoints WagonDataHERMES/Consignmentdata/ListOfInterchangeOrBorderCrossingPoints
annotation	documentation Border point
source	<pre> <xs:element name="BorderPoint"> <xs:annotation> <xs:documentation>Border point</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element name="SubsidiaryLocationType"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="SubsidiaryLocationCode"/> <xs:element ref="AllocationCompany"/> <xs:element ref="LocationSubsidiaryName"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="03"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SubsidiaryLocationCode"> <xs:annotation> <xs:documentation>Subsidiary location code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AllocationCompany" minOccurs="0"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **BorderPoint/SubsidiaryLocationType**

diagram	SubsidiaryLocationType Subsidiary location type						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:short						
properties	content simple						
used by	elements CustomsClearingPoint WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation IntermediateHandling						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>03</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	03	
Kind	Value	Annotation					
enumeration	03						
annotation	documentation Subsidiary location type						
source	<pre><xs:element name="SubsidiaryLocationType"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="03"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **BorderPoint/SubsidiaryLocationCode**

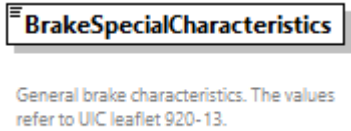
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content	simple	
used by	elements	ILU CommercialForwardingData/CommercialDestination CommercialDestinationOfWagon WagonDataHERMES/Consignmentdata/CommercialForwardingData ILU CommercialForwardingData/CommercialOrigin CustomsClearingPoint DeliveryLocation WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation IntermediateHandling OperationalDestinationOfWagon	
facets	Kind	Value	Annotation
	length	2	
	pattern	\d*[1-9]\d*	
annotation	documentation	Subsidiary location code	
source	<pre><xs:element name="SubsidiaryLocationCode"> <xs:annotation> <xs:documentation>Subsidiary location code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **BoxCapacity**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:short		
properties	content	simple	
used by	element	VolumeSpecification	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	999	
annotation	documentation		

	Loading capacity in m ³
source	<pre> <xs:element name="BoxCapacity"> <xs:annotation> <xs:documentation>Loading capacity in m³</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

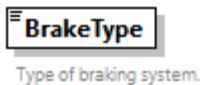
element **BrakeSpecialCharacteristics**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	element	AirBrake	
facets	Kind	Value	Annotation
	enumeration	0	documentation Cast Iron Brake Blocks
	enumeration	1	documentation Disc Brake
	enumeration	2	documentation K-Brake Blocks
	enumeration	3	documentation Cast Iron Brake Blocks, single release brake
	enumeration	4	documentation Composite Brake Blocks, single release brake
	enumeration	5	documentation L-Brake Blocks
	enumeration	6	documentation LL-Brake Blocks
	enumeration	9	documentation Unknown or non-coded information
annotation	documentation General brake characteristics. The values refer to UIC leaflet 920-13.		
source	<pre> <xs:element name="BrakeSpecialCharacteristics"> <xs:annotation> <xs:documentation> </pre>		

General brake characteristics. The values refer to UIC leaflet 920-13.

```
        </xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="0">
                <xs:annotation>
                    <xs:documentation>Cast Iron Brake Blocks</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="1">
                <xs:annotation>
                    <xs:documentation>Disc Brake</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="2">
                <xs:annotation>
                    <xs:documentation>K-Brake Blocks</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="3">
                <xs:annotation>
                    <xs:documentation>Cast Iron Brake Blocks, single release
brake</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="4">
                <xs:annotation>
                    <xs:documentation>Composite Brake Blocks, single release
brake</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="5">
                <xs:annotation>
                    <xs:documentation>L-Brake Blocks</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="6">
                <xs:annotation>
                    <xs:documentation>LL-Brake Blocks</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="9">
                <xs:annotation>
                    <xs:documentation>Unknown or non-coded information</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

element **BrakeType**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
used by	elements BrakeUnit PassengerTrainData PlannedTrainTechnicalData RollingStockTechnicalData TechnicalParameters TrainRunningTechData WagonOperationalData		
facets	Kind	Value	Annotation
	enumeration	0	documentation G: "Goods" for freight services with slow application and release times
	enumeration	1	documentation P: "Passenger" for passenger and freight services with quick application and release times.
	enumeration	2	documentation X: an indication that brake system of the freight wagon out of order (actually / current). Additionally, X cannot be used in Planning.
	enumeration	3	documentation R: a subdivision brake position of brake mode "P", for rapid (express) services with high brake performances
	enumeration	4	documentation G+E: brake position G with additional brake=electro-dynamic brake
	enumeration	5	documentation G+H: brake position G with additional brake=hydro-dynamic brake
	enumeration	6	documentation P+E: brake position P with additional brake=electro-dynamic brake
	enumeration	7	documentation P+H: brake position P with additional brake=hydro-dynamic brake
	enumeration	8	documentation P+Mg: brake position P with additional brake=magnetic track brake
	enumeration	9	documentation R+E: brake position R with additional brake=electro-dynamic brake
	enumeration	10	documentation R+H: brake position R with additional brake=hydro-dynamic brake
	enumeration	11	documentation R+Mg: brake position R with additional brake=magnetic track brake
	enumeration	12	documentation R+WB: brake position R with additional brake=eddy current brake (German: Wirbelstrombremse)
	enumeration	13	documentation R+E+Mg: brake position R with additional brake=electro-dynamic brake and magnetic track brake
	enumeration	14	documentation R+E+WB: brake position R with additional brake=electro-dynamic brake and eddy current brake
annotation	documentation Type of braking system.		
source	<pre><xs:element name="BrakeType"> <xs:annotation></pre>		

```

<xs:documentation>Type of braking system.</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="0">
      <xs:annotation>
        <xs:documentation>G: "Goods" for freight services with slow application
and release times</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>P: "Passenger" for passenger and freight services with
quick application and release times.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>X: an indication that brake system of the freight wagon
out of order (actually / current). Additionally, X cannot be used in
Planning.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>R: a subdivision brake position of brake mode "P", for
rapid (express) services with high brake performances</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
      <xs:annotation>
        <xs:documentation>G+E: brake position G with additional
brake=electro-dynamic brake</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5">
      <xs:annotation>
        <xs:documentation>G+H: brake position G with additional
brake=hydro-dynamic brake</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6">
      <xs:annotation>
        <xs:documentation>P+E: brake position P with additional
brake=electro-dynamic brake</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="7">
      <xs:annotation>
        <xs:documentation>P+H: brake position P with additional
brake=hydro-dynamic brake</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
      <xs:annotation>

```

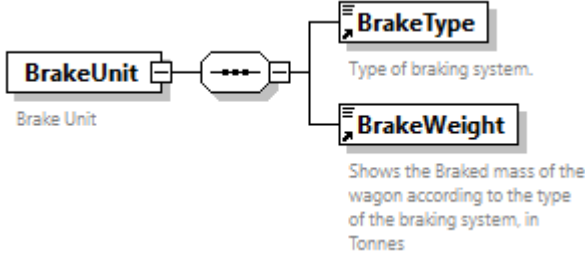


```

        <xs:documentation>P+Mg: brake position P with additional brake=magnetic
track brake</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9">
        <xs:annotation>
            <xs:documentation>R+E: brake position R with additional
brake=electro-dynamic brake</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
        <xs:annotation>
            <xs:documentation>R+H: brake position R with additional
brake=hydro-dynamic brake</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="11">
        <xs:annotation>
            <xs:documentation>R+Mg: brake position R with additional brake=magnetic
track brake</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="12">
        <xs:annotation>
            <xs:documentation>R+WB: brake position R with additional brake=eddy
current brake (German: Wirbelstrombremse)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="13">
        <xs:annotation>
            <xs:documentation>R+E+Mg: brake position R with additional
brake=electro-dynamic brake and magnetic track brake</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="14">
        <xs:annotation>
            <xs:documentation>R+E+WB: brake position R with additional
brake=electro-dynamic brake and eddy current brake</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **BrakeUnit**

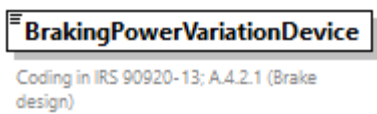
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	BrakeType BrakeWeight
used by	element UnitTechnicalData
annotation	documentation Brake Unit
source	<pre> <xs:element name="BrakeUnit"> <xs:annotation> <xs:documentation>Brake Unit</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BrakeType"/> <xs:element ref="BrakeWeight"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **BrakeWeight**

diagram	BrakeWeight Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	elements BrakeUnit PassengerTrainData PlannedTrainTechnicalData RollingStockTechnicalData Traction TrainRunningTechData TrainTechData WagonOperationalData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99999									
annotation	documentation Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes									
source	<xs:element name="BrakeWeight">									

	<pre> <xs:annotation> <xs:documentation>Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **BrakingPowerVariationDevice**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	content simple		
used by	elements AirBrake UnitTechnicalData WagonTechData		
facets	Kind	Value	Annotation
	enumeration	0	documentation no braked weight variation device
	enumeration	1	documentation empty/loaded manual or automatic device with one changeover weight
	enumeration	2	documentation empty/loaded manual or automatic device with two or three changeover weights
	enumeration	8	documentation linear auto continuous device with indication of maximum braked weight
	enumeration	9	documentation non-codable variation device
annotation	documentation Coding in IRS 90920-13; A.4.2.1 (Brake design)		
source	<pre> <xs:element name="BrakingPowerVariationDevice"> <xs:annotation> <xs:documentation>Coding in IRS 90920-13; A.4.2.1 (Brake design)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>no braked weight variation device</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> </pre>		

	<pre> <xs:documentation>empty/loaded manual or automatic device with one changeover weight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>empty/loaded manual or automatic device with two or three changeover weights</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>linear auto continuous device with indication of maximum braked weight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>non-codable variation device</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **BrakingRatio**

diagram	BrakingRatio Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	elements PassengerTrainData PlannedTrainTechnicalData TechnicalParameters TrainRunningTechData TrainTechData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).									
source	<pre><xs:element name="BrakingRatio"> <xs:annotation> <xs:documentation>Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<pre> <xs:minInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **BrakingSystemCode**

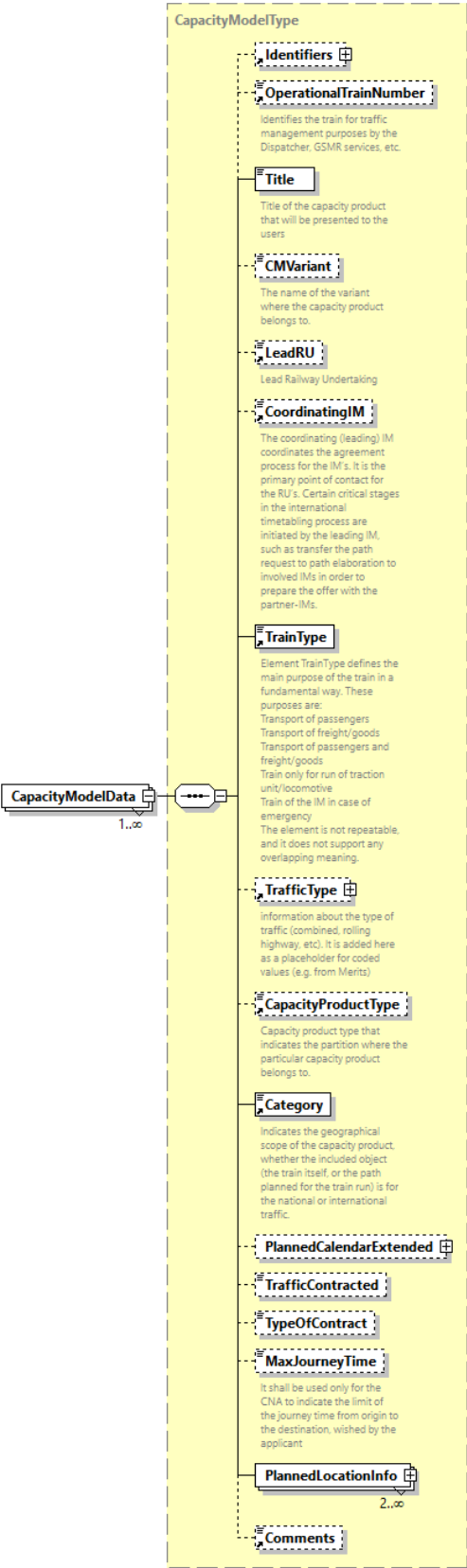
diagram	BrakingSystemCode Braking system code									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element LocoBrakeEquipment									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99									
annotation	documentation Braking system code									
source	<pre><xs:element name="BrakingSystemCode"> <xs:annotation> <xs:documentation>Braking system code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **CapacityModelMessage**

diagram	MessageHeader Used for all messages AdministrativeContactInforma... Used to define administrative contact information TypeOfRequest Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3) ProcessType Business process type to further distinguish among type of requests. TypeOfInformation Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation CapacityModelData 1..∞
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader AdministrativeContactInformation TypeOfRequest ProcessType TypeOfInformation CapacityModelData
source	<pre> <xs:element name="CapacityModelMessage"> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="TypeOfRequest"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation"/> <xs:element name="CapacityModelData" type="CapacityModelType" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **CapacityModelMessage/CapacityModelData**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CapacityModelType
properties	minOcc 1 maxOcc unbounded content complex
children	Identifiers OperationalTrainNumber Title CMVariant LeadRU CoordinatingIM TrainType TrafficType CapacityProductType Category PlannedCalendarExtended TrafficContracted TypeOfContract MaxJourneyTime PlannedLocationInfo Comments
source	<pre><xs:element name="CapacityModelData" type="CapacityModelType" maxOccurs="unbounded"/></pre>

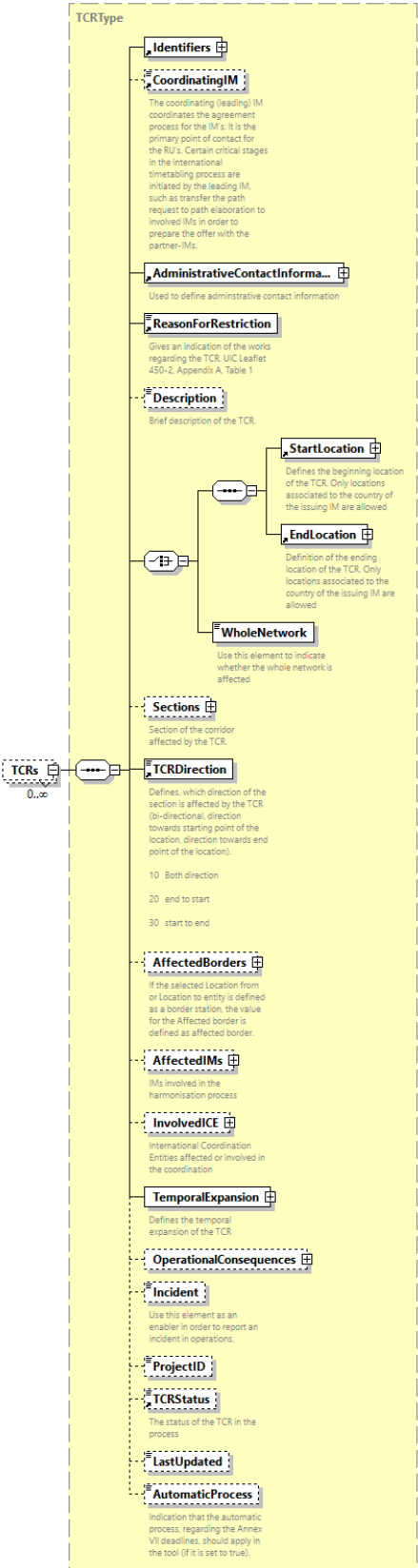
element **CapacityProductMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader TCRs CataloguePaths Paths CapacityModels
annotation	documentation This Message is the response to a CapacityProductSearchMessage. It contains the TCRs, Capacity bands, Catalogue paths or paths matching the SearchCriteria defined in the CapacityProductSearchMessage
source	<pre><xs:element name="CapacityProductMessage"> <xs:annotation> <xs:documentation>This Message is the response to a CapacityProductSearchMessage. It contains the TCRs, Capacity bands, Catalogue paths or paths matching the SearchCriteria defined in the CapacityProductSearchMessage</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element name="TCRs" type="TCRType" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre><xs:element name="CataloguePaths" type="PathType" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="Paths" type="PathType" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="CapacityModels" type="CapacityModelType" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **CapacityProductMessage/TCRs**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	TCRType
properties	minOcc 0 maxOcc unbounded content complex
children	Identifiers CoordinatingIM AdministrativeContactInformation ReasonForRestriction Description StartLocation EndLocation WholeNetwork Sections TCRDirection AffectedBorders AffectedIMs InvolvedICE TemporalExpansion OperationalConsequences Incident ProjectID TCRStatus LastUpdated AutomaticProcess
source	<code><xs:element name="TCRs" type="TCRType" minOccurs="0" maxOccurs="unbounded"/></code>

element **CapacityProductMessage/CataloguePaths**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	PathType
properties	minOcc 0 maxOcc unbounded content complex
children	PlannedTransportIdentifiers PathInformation
source	<code><xs:element name="CataloguePaths" type="PathType" minOccurs="0" maxOccurs="unbounded"/></code>

element **CapacityProductMessage/Paths**

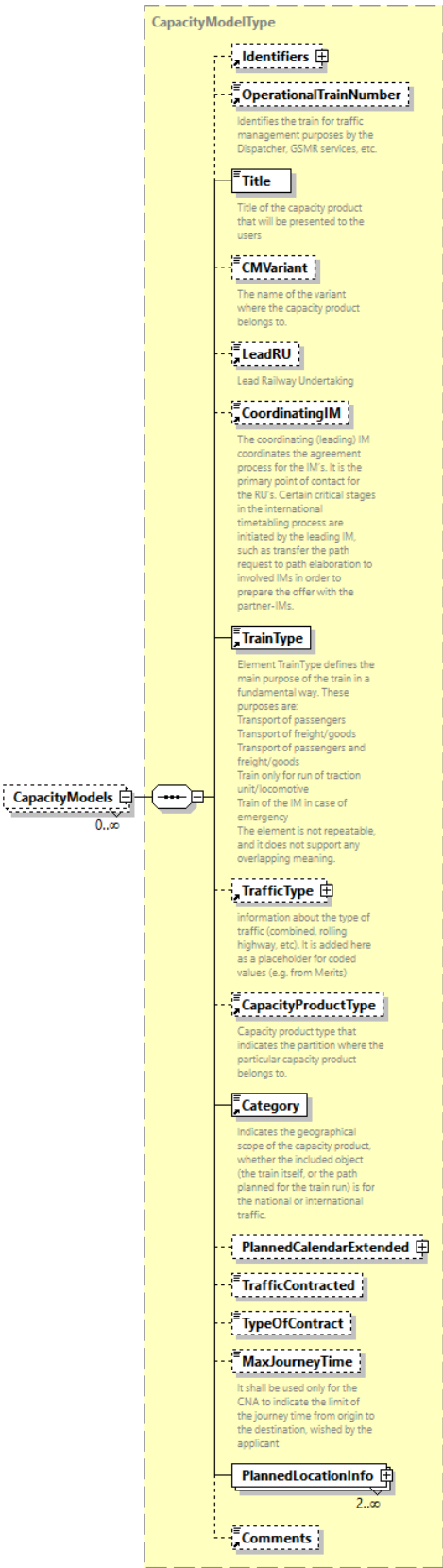
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	PathType
properties	minOcc 0 maxOcc unbounded content complex
children	PlannedTransportIdentifiers PathInformation

source

```
<xs:element name="Paths" type="PathType" minOccurs="0" maxOccurs="unbounded"/>
```

element **CapacityProductMessage/CapacityModels**

diagram

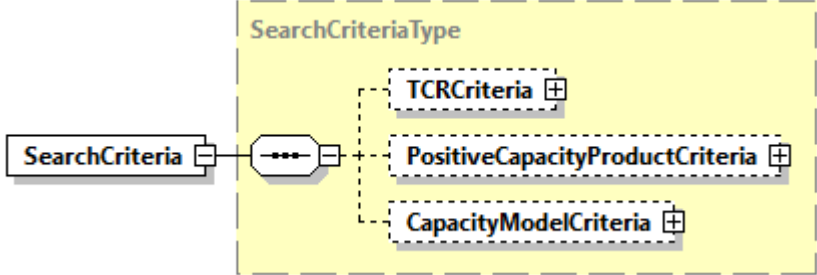


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CapacityModelType
properties	minOcc 0 maxOcc unbounded content complex
children	Identifiers OperationalTrainNumber Title CMVariant LeadRU CoordinatingIM TrainType TrafficType CapacityProductType Category PlannedCalendarExtended TrafficContracted TypeOfContract MaxJourneyTime PlannedLocationInfo Comments
source	<pre><xs:element name="CapacityModels" type="CapacityModelType" minOccurs="0" maxOccurs="unbounded"/></pre>

element **CapacityProductSearchMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader SearchCriteria
annotation	documentation Message to search for the Capacity Products. The result of the search will be the CapacityProductMessage containing the capacity that fits to the search. Object that will be returned are: TCR, CP, PA, CM and CN.
source	<pre><xs:element name="CapacityProductSearchMessage"> <xs:annotation> <xs:documentation>Message to search for the Capacity Products. The result of the search will be the CapacityProductMessage containing the capacity that fits to the search. Object that will be returned are: TCR, CP, PA, CM and CN.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element name="SearchCriteria" type="SearchCriteriaType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **CapacityProductSearchMessage/SearchCriteria**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	SearchCriteriaType
properties	content complex
children	TCRCriteria PositiveCapacityProductCriteria CapacityModelCriteria
source	<pre><xs:element name="SearchCriteria" type="SearchCriteriaType"/></pre>

element **CapacityProductType**

diagram	CapacityProductType Capacity product type that indicates the partition where the particular capacity product belongs to.															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:token															
properties	content simple															
used by	complexType CapacityModelType															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>0</td><td>documentation Annual timetable - Partition of capacity products related to the annual timetable</td></tr><tr><td>enumeration</td><td>1</td><td>documentation Rollig Planning - Partition of capacity products related to the rolling planning</td></tr><tr><td>enumeration</td><td>2</td><td>documentation Ad hoc - Partition of capacity products related to the ad-hoc</td></tr><tr><td>enumeration</td><td>3</td><td>documentation TCR - Partition of capacity products related to the TCR</td></tr></tbody></table>	Kind	Value	Annotation	enumeration	0	documentation Annual timetable - Partition of capacity products related to the annual timetable	enumeration	1	documentation Rollig Planning - Partition of capacity products related to the rolling planning	enumeration	2	documentation Ad hoc - Partition of capacity products related to the ad-hoc	enumeration	3	documentation TCR - Partition of capacity products related to the TCR
Kind	Value	Annotation														
enumeration	0	documentation Annual timetable - Partition of capacity products related to the annual timetable														
enumeration	1	documentation Rollig Planning - Partition of capacity products related to the rolling planning														
enumeration	2	documentation Ad hoc - Partition of capacity products related to the ad-hoc														
enumeration	3	documentation TCR - Partition of capacity products related to the TCR														
annotation	documentation Capacity product type that indicates the partition where the particular capacity product belongs to.															
source	<pre><xs:element name="CapacityProductType"> <xs:annotation> <xs:documentation>Capacity product type that indicates the partition where the particular capacity product belongs to.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"></pre>															

	<pre> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Annual timetable - Partition of capacity products related to the annual timetable</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Rollig Planning - Partition of capacity products related to the rolling planning</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Ad hoc - Partition of capacity products related to the ad-hoc</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>TCR - Partition of capacity products related to the TCR</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CarrierStatus**

diagram	 CarrierStatus Status of the carrier during the transport 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier 3 to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:token
properties	content simple
used by	elements WagonStatusMessages/WagonStatusMessage/CarriersInvolved/Carrier ConsignmentOrderMessage/COMS/COM/Carriers
facets	Kind Value Annotation

	enumeration 0 documentation 0: Contractual carrier enumeration 1 documentation 1: Successive carrier enumeration 2 documentation 2: Substitute carrier enumeration 3 documentation 3: to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)
annotation	documentation Status of the carrier during the transport 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier 3 to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)
source	<pre> <xs:element name="CarrierStatus"> <xs:annotation> <xs:documentation>Status of the carrier during the transport 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier 3 to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>0: Contractual carrier</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>1: Successive carrier</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>2: Substitute carrier</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>3: to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Category**

diagram	Category Indicates the geographical scope of the capacity product, whether the included object (the train itself, or the path planned for the train run) is for the national or international traffic.		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
used by	element	CapacityModelSearchCriteria/CategorySearch	
	complexType	CapacityModelType	
facets	Kind	Value	Annotation
	enumeration	0	documentation National - Capacity product related to national traffic
	enumeration	1	documentation International - Capacity product related to international traffic
annotation	documentation Indicates the geographical scope of the capacity product, whether the included object (the train itself, or the path planned for the train run) is for the national or international traffic.		
source	<pre> <xs:element name="Category"> <xs:annotation> <xs:documentation>Indicates the geographical scope of the capacity product, whether the included object (the train itself, or the path planned for the train run) is for the national or international traffic.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>National - Capacity product related to national traffic</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>International - Capacity product related to international traffic</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

element **CauseDescription**

diagram	CauseDescription Describes the cause of sending message									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	element WagonRefusedAtInterchangeMessage									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Describes the cause of sending message									
source	<xs:element name="CauseDescription" type="FreeText"> <xs:annotation> <xs:documentation>Describes the cause of sending message</xs:documentation> </xs:annotation> </xs:element>									

element **CauseType**

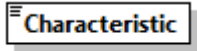
diagram	CauseType Indicates the cause of a damage or refusal of a wagon or train									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CauseCode									
properties	content simple									
used by	element WagonRefusedAtInterchangeMessage									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0001</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0001		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0001									
maxInclusive	9999									
annotation	documentation Indicates the cause of a damage or refusal of a wagon or train									
source	<pre><xs:element name="CauseType" type="CauseCode"> <xs:annotation> <xs:documentation>Indicates the cause of a damage or refusal of a wagon or train</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ChangeOfTrackMessage**

diagram	ChangeOfTrackMessage This message is issued to show that the train is arriving at another platform to the one that was scheduled MessageHeader Used for all messages MessageStatus Assigned by the Sender 1=Creation, 2=Modification, 3=deletion TrainOperationalIdentification OperationalTrainNumberIdenti... ReferenceOTN LocationPlannedTrack LocationActualTrack BookedLocationDateTime Scheduled Date and Time of a train at a specified location as defined in the path contract TrainLocationStatus Identifies the status of a train related to the actual time at a reporting point InterruptionReason This element identifies the reason for an interruption of the train running InterruptionDescription The free text description of an interruption 0..∞ TransferPoint Transfer point or station of destination in the considered network where the Reference Train Numbers refers to TransfereeIM Next IM
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN LocationPlannedTrack LocationActualTrack BookedLocationDateTime

	TrainLocationStatus InterruptionReason InterruptionDescription TransferPoint TransfereeIM
annotation	documentation This message is issued to show that the train is arriving at another platform to the one that was scheduled
source	<pre> <xs:element name="ChangeOfTrackMessage"> <xs:annotation> <xs:documentation> This message is issued to show that the train is arriving at another platform to the one that was scheduled</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="LocationPlannedTrack" minOccurs="0"/> <xs:element ref="LocationActualTrack"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specied location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainLocationStatus" minOccurs="0"/> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TransferPoint" minOccurs="0"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Characteristic**

diagram	 Characteristic
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short

properties	content	simple
used by	element	AdditionalCharacteristic
facets	Kind	Value Annotation
	enumeration	96
	enumeration	97
	enumeration	98
	enumeration	99
annotation	documentation	Characteristic
source	<pre><xs:element name="Characteristic"> <xs:annotation> <xs:documentation>Characteristic</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="96"/> <xs:enumeration value="97"/> <xs:enumeration value="98"/> <xs:enumeration value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>	

element **CharacteristicDescriptionCode**

diagram	≡ CharacteristicDescriptionCode Characteristics on a Train according to TAP Code List B.4.7037: type7037CodeList		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content	simple	
used by	elements	TypeofService UnitData	
facets	Kind	Value	Annotation
	maxLength	17	
	enumeration	6	documentation First class documentation First class accommodation documentation 0
	enumeration	7	documentation Second class documentation Second class accommodation documentation 0

	enumeration	20	documentation Reservation in first class only documentation Reservation is only possible in first documentation 0
	enumeration	21	documentation Reservation compulsory from origin station documentation Reservation compulsory from origin station documentation 0
	enumeration	22	documentation Reservation allowed for certain classes/products documentation Reservation possible for some booking classes/products documentation 0
	enumeration	23	documentation Reservation in second class only documentation Reservation is only possible in second class. documentation 0
	enumeration	24	documentation Not available documentation The product is not available documentation 0
	enumeration	25	documentation Non-bookable documentation The product is not bookable documentation 0
	enumeration	26	documentation Bookable through an international reservation system documentation Bookable through an international reservation system documentation 0
	enumeration	27	documentation Bookable through a national reservation system documentation Bookable through a national reservation system documentation 0
	enumeration	28	documentation Bookable manually on the RU selling point documentation Bookable manually on the RU selling point documentation 0

annotation	documentation Characteristics on a Train according to TAP Code List B.4.7037: type7037CodeList
source	<pre> <xs:element name="CharacteristicDescriptionCode"> <xs:annotation> <xs:documentation>Characteristics on a Train according to TAP Code List B.4.7037: type7037CodeList</xs:documentation> </xs:annotation> <xs:simpleType> <xs:annotation> <xs:documentation xml:lang="en">Code list for the chracteristic description code (B.4.7037)</xs:documentation> <xs:appinfo> <dc:title>Code list for the chracteristic description code</dc:title> <dc:source>B.4.7037</dc:source> </xs:appinfo> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="17"/> <xs:enumeration value="6"> <xs:annotation> <xs:documentation xml:lang="en">First class</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Description">First class accommodation</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Remark"/> <xs:documentation xml:lang="en" doc:docType="Status">0</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation xml:lang="en">Second class</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Description">Second class accommodation</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Remark"/> <xs:documentation xml:lang="en" doc:docType="Status">0</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation xml:lang="en">Reservation possible</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Description">Reservation is possible</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Remark"/> <xs:documentation xml:lang="en" doc:docType="Status">0</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation xml:lang="en">With supplement</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Description">A supplement is charged</xs:documentation> </pre>

```

        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
    <xs:annotation>
        <xs:documentation xml:lang="en">Reservation
compulsory</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Description">Reservation
is compulsory</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
    <xs:annotation>
        <xs:documentation xml:lang="en">Reservation advised</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Description">Reservation
is recommended</xs:documentation>
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doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
    <xs:annotation>
        <xs:documentation xml:lang="en">Reservation compulsory for
parties</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Description">Reservation
is compulsory for parties</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
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        <xs:documentation xml:lang="en">Reservation compulsory in
first-class</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Description">Reservation
is compulsory in first-class</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
    <xs:annotation>
        <xs:documentation xml:lang="en">Group booking
restricted</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Description">Booking by
groups restricted</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>

```

```

        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="18">
        <xs:annotation>
            <xs:documentation xml:lang="en">Groups not allowed</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Groups of
travellers are not allowed</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    <xs:enumeration value="19">
        <xs:annotation>
            <xs:documentation xml:lang="en">No reservation</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Reservation
is not possible</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    <xs:enumeration value="20">
        <xs:annotation>
            <xs:documentation xml:lang="en">Reservation in first class
only</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Reservation
is only possible in first </xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    <xs:enumeration value="21">
        <xs:annotation>
            <xs:documentation xml:lang="en">Reservation compulsory from origin
station</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Reservation
compulsory from origin station</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    <xs:enumeration value="22">
        <xs:annotation>
            <xs:documentation xml:lang="en">Reservation allowed for certain
classes/products</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Reservation
possible for some booking classes/products</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>

```

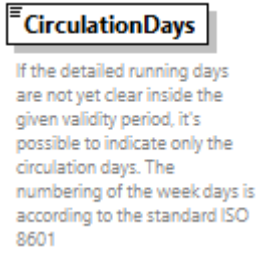
```

        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="23">
        <xs:annotation>
            <xs:documentation xml:lang="en">Reservation in second class
only</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Reservation
is only possible in second class.</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="24">
        <xs:annotation>
            <xs:documentation xml:lang="en">Not available</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">The product
is not available</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="25">
        <xs:annotation>
            <xs:documentation xml:lang="en">Non-bookable</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">The product
is not bookable</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="26">
        <xs:annotation>
            <xs:documentation xml:lang="en">Bookable through an international
reservation system</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Bookable
through an international reservation system</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="27">
        <xs:annotation>
            <xs:documentation xml:lang="en">Bookable through a national reservation
system</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Bookable
through a national reservation system</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>

```

	<pre> <xs:enumeration value="28"> <xs:annotation> <xs:documentation xml:lang="en">Bookable manually on the RU selling point</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Description">Bookable manually on the RU selling point</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Remark"/> <xs:documentation xml:lang="en" doc:docType="Status">0</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CirculationDays**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content simple		
used by	complexType PlannedCalendarExtendedType		
facets	Kind	Value	Annotation
	minLength	7	
	maxLength	7	
	whiteSpace	collapse	
	pattern	[0-1]{7}	
annotation	documentation If the detailed running days are not yet clear inside the given validity period, it's possible to indicate only the circulation days. The numbering of the week days is according to the standard ISO 8601		
source	<pre> <xs:element name="CirculationDays"> <xs:annotation> <xs:documentation>If the detailed running days are not yet clear inside the given validity period, it's possible to indicate only the circulation days. The numbering of the week days is according to the standard ISO 8601</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="7"/> <xs:maxLength value="7"/> <xs:whiteSpace value="collapse"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

	<pre> <xs:pattern value="[0-1]{7}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CityTown**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Name of the City or Town in Clear Text									
source	<pre><xs:element name="CityTown"> <xs:annotation> <xs:documentation>Name of the City or Town in Clear Text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ClassificationCode**

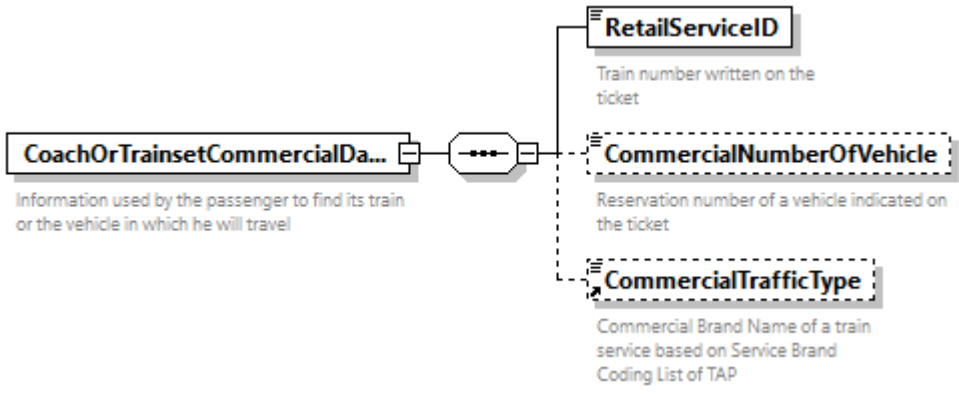
diagram	ClassificationCode Classification code									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	String1-4									
properties	content simple									
used by	element ListOfDangerousGoods									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	4	
Kind	Value	Annotation								
minLength	1									
maxLength	4									
annotation	documentation Classification code									

source	<pre> <xs:element name="ClassificationCode" type="String1-4"> <xs:annotation> <xs:documentation>Classification code</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ClosingTime**

diagram	 The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element VesselIndication
annotation	documentation The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.
source	<pre> <xs:element name="ClosingTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **CoachOrTrainsetCommercialData**

diagram	 Information used by the passenger to find its train or the vehicle in which he will travel RetailServiceID Train number written on the ticket CommercialNumberOfVehicle Reservation number of a vehicle indicated on the ticket CommercialTrafficType Commercial Brand Name of a train service based on Service Brand Coding List of TAP
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	RetailServiceID CommercialNumberOfVehicle CommercialTrafficType
used by	element TrainOrCoachGroupComposition/Unit

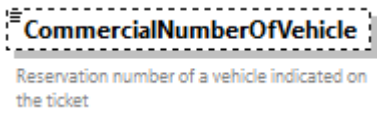
annotation	documentation Information used by the passenger to find its train or the vehicle in which he will travel
source	<pre> <xs:element name="CoachOrTrainsetCommercialData"> <xs:annotation> <xs:documentation>Information used by the passenger to find its train or the vehicle in which he will travel</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RetailServiceID"> <xs:annotation> <xs:documentation>Train number written on the ticket</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> <xs:pattern value=""/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CommercialNumberOfVehicle" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Reservation number of a vehicle indicated on the ticket</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="CommercialTrafficType" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **CoachOrTrainsetCommercialData/RetailServiceID**

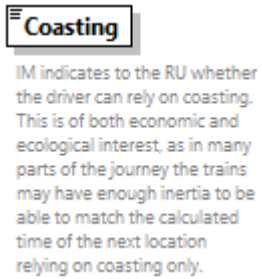
diagram	<

source	<pre> <xs:element name="RetailServiceID"> <xs:annotation> <xs:documentation>Train number written on the ticket</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> <xs:pattern value=""/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CoachOrTrainsetCommercialData/CommercialNumberOfVehicle**

diagram	 The diagram shows a dashed box labeled CommercialNumberOfVehicle with the text "Reservation number of a vehicle indicated on the ticket" below it.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Reservation number of a vehicle indicated on the ticket
source	<pre> <xs:element name="CommercialNumberOfVehicle" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Reservation number of a vehicle indicated on the ticket</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Coasting**

diagram	 The diagram shows a box labeled Coasting with the text "IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only."
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple

used by	element PlannedTrainTechnicalData
annotation	documentation IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only.
source	<pre><xs:element name="Coasting" type="xs:boolean"> <xs:annotation> <xs:documentation>IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only.</xs:documentation> </xs:annotation> </xs:element></pre>

element **CodeOfCause**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	element	ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions	
facets	Kind	Value	Annotation
	enumeration	1	documentation Completion of formalities required by customs or other administrative authorities (CIM Article 15)
	enumeration	2	documentation Examination of the consignment (CIM Article11)
	enumeration	3	documentation Amendment of the contract of carriage (CIM Article 18)
	enumeration	4	documentation Circumstances preventing carriage (CIM Article 20)
	enumeration	5	documentation Circumstances preventing delivery (CIM Article21)
	enumeration	6	documentation Attention to be given to the consignment
	enumeration	7	documentation Rectification of the load following unsatisfactory loading by the consignor
	enumeration	8	documentation Transshipment following unsatisfactory loading by the consignor
	enumeration	9	documentation Other causes: ...
annotation	documentation	Code of reason for extension	
source	<xs:element name="CodeOfCause"> <xs:annotation> <xs:documentation>Code of reason for extension</xs:documentation>		

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>Completion of formalities required by customs or other
administrative authorities (CIM Article 15)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>Examination of the consignment (CIM
Article11)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>Amendment of the contract of carriage (CIM Article
18)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
      <xs:annotation>
        <xs:documentation>Circumstances preventing carriage (CIM Article
20)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5">
      <xs:annotation>
        <xs:documentation>Circumstances preventing delivery (CIM
Article21)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6">
      <xs:annotation>
        <xs:documentation>Attention to be given to the
consignment</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="7">
      <xs:annotation>
        <xs:documentation>Rectification of the load following unsatisfactory
loading by the consignor</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
      <xs:annotation>
        <xs:documentation>Transshipment following unsatisfactory loading by the
consignor</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9">
      <xs:annotation>
        <xs:documentation>Other causes: ...</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>

```

	<pre> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CombinedTrafficLoadProfile**

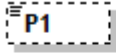
diagram	CombinedTrafficLoadProfile This element does refer to combined load units that can be used for Freight Requests only. There are two entry options: • One option refers to "P" (Semi-trailer/road semi-trailer): • The other option refers to "C" (Swap body): The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet. P1 P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm. P2 P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm C1 C2 C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	P1 P2 C1 C2
used by	elements GeneralParameters PlannedTrainData
annotation	documentation This element does refer to combined load units that can be used for Freight Requests only. There are two entry options: • One option refers to "P" (Semi-trailer/road semi-trailer): • The other option refers to "C" (Swap body): The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet.
source	<pre> <xs:element name="CombinedTrafficLoadProfile"> <xs:annotation> <xs:documentation>This element does refer to combined load units that can be used for Freight Requests only. There are two entry options: • One option refers to "P" (Semi-trailer/road semi-trailer): • The other option refers to "C" (Swap body): </pre>

The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet.

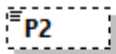
```
</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="P1" minOccurs="0">
      <xs:annotation>
        <xs:documentation>P1 requires the code in case the gauge of the
semi-trailer is less or equal 2500 mm.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:pattern value="\d{3}"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="P2" minOccurs="0">
      <xs:annotation>
        <xs:documentation>P2 requires the code in case the gauge of the
semi-trailer is greater than 2500 mm less or equal 2600 mm</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:pattern value="\d{3}"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="C1" minOccurs="0">
      <xs:simpleType>
        <xs:annotation>
          <xs:documentation>C1 requires the code in case the gauge of the swap
body is less or equal 2550 mm.</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
          <xs:pattern value="\d{3}"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="C2" minOccurs="0">
      <xs:annotation>
        <xs:documentation>C2 requires the code in case the gauge of the swap body
is greater than 2550 mm less or equal 2600 mm</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:pattern value="\d{3}"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

	</xs:element>

element **CombinedTrafficLoadProfile/P1**

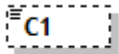
diagram	 P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
annotation	documentation P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.
source	<pre><xs:element name="P1" minOccurs="0"> <xs:annotation> <xs:documentation>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **CombinedTrafficLoadProfile/P2**

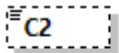
diagram	 P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
annotation	documentation P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm
source	<pre><xs:element name="P2" minOccurs="0"></pre>

	<pre> <xs:annotation> <xs:documentation>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CombinedTrafficLoadProfile/C1**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
source	<pre> <xs:element name="C1" minOccurs="0"> <xs:simpleType> <xs:annotation> <xs:documentation>C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CombinedTrafficLoadProfile/C2**

diagram	 C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation

	pattern \d{3}
annotation	documentation C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm
source	<pre> <xs:element name="C2" minOccurs="0"> <xs:annotation> <xs:documentation>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CombinedTransportProfileNumber**

diagram	CombinedTransportProfileNum... Combined transport profile number									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element ILU Data									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	4	
Kind	Value	Annotation								
minLength	1									
maxLength	4									
annotation	documentation Combined transport profile number									
source	<pre><xs:element name="CombinedTransportProfileNumber"> <xs:annotation> <xs:documentation>Combined transport profile number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ComesFromContinuesInIndicator**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element Association
annotation	documentation Indicates if the rolling stock comes from a train or continues in another train
source	<pre><xs:element name="ComesFromContinuesInIndicator" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates if the rolling stock comes from a train or continues in another train</xs:documentation> </xs:annotation> </xs:element></pre>

element **Comments**

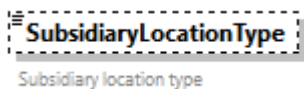
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	content simple
used by	elements LocationPrimaryInformation LocationSubsidiaryInformation complexType CapacityModelType
facets	Kind Value Annotation minLength 1 maxLength 255
source	<pre><xs:element name="Comments" type="FreeText"/></pre>

element **CommercialDestinationOfWagon**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName DestinationRU SubsidiaryLocationType SubsidiaryLocationCode AllocationCompany LocationSubsidiaryName ConsigneeInformation
used by	element WagonDataHERMES/Consignmentdata
annotation	documentation Destination for the commercial department
source	<pre> <xs:element name="CommercialDestinationOfWagon"> <xs:annotation> <xs:documentation>Destination for the commercial department</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> </pre>

	<pre> <xs:element ref="DestinationRU" minOccurs="0"/> <xs:element name="SubsidiaryLocationType" minOccurs="0"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="42"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="SubsidiaryLocationCode" minOccurs="0"/> <xs:element ref="AllocationCompany" minOccurs="0"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> <xs:element ref="ConsigneeInformation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **CommercialDestinationOfWagon/SubsidiaryLocationType**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:short						
properties	minOcc 0 maxOcc 1 content simple						
used by	elements CustomsClearingPoint WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation IntermediateHandling						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>42</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	42	
Kind	Value	Annotation					
enumeration	42						
annotation	documentation Subsidiary location type						
source	<pre><xs:element name="SubsidiaryLocationType" minOccurs="0"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="42"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **CommercialService**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CommercialServiceCode AvailabilityFrom AvailabilityTo
used by	element UnitData
annotation	documentation Additional service offered in a train
source	<pre> <xs:element name="CommercialService"> <xs:annotation> <xs:documentation>Additional service offered in a train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CommercialServiceCode" minOccurs="0"/> <xs:element ref="AvailabilityFrom" minOccurs="0"/> <xs:element ref="AvailabilityTo" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **CommercialServiceCode**

diagram	CommercialServiceCode Code of the additional service offered in a train									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	content simple									
used by	element CommercialService									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>01</td><td>documentation Electronic seat reservation mandatory</td></tr><tr><td>enumeration</td><td>02</td><td>documentation</td></tr></table>	Kind	Value	Annotation	enumeration	01	documentation Electronic seat reservation mandatory	enumeration	02	documentation
Kind	Value	Annotation								
enumeration	01	documentation Electronic seat reservation mandatory								
enumeration	02	documentation								

	enumeration 03 documentation Electronic seat reservation possible enumeration 04 documentation Silence comsectionment enumeration 05 documentation Silence comsectionment enumeration 06 documentation Comsectionment for families enumeration 07 documentation Comsectionnement for women enumeration 08 documentation Nursery in use enumeration 09 documentation Bike accepted for free enumeration 10 documentation Bike accepted against paiement enumeration 11 documentation Comsectionment for train staff enumeration 12 documentation Comsectionment enumeration 13 documentation Passport comsectionnement enumeration 14 documentation Comsectionnement for PRM enumeration 15 documentation Journey where seats are in sleeping position enumeration 16 documentation Empty and not in service coach enumeration 17 documentation Coach with seats not in standard use enumeration 18 documentation Cars loaded against direction of travel enumeration 19 documentation Cars loaded in direction of travel enumeration 20 documentation Rail courier / rail postal service enumeration 21 documentation Reduced number of seats for reservation enumeration 22 documentation Dining car or bar in service enumeration 22 documentation Mobile dining service
annotation	documentation Code of the additional service offered in a train
source	<pre> <xs:element name="CommercialServiceCode"> <xs:annotation> <xs:documentation>Code of the additional service offered in a train</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation xml:lang="en">Electronic seat reservation </pre>

```

mandatory</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="02">
  <xs:annotation>
    <xs:documentation xml:lang="en">Electronic seat reservation
possible</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="03">
  <xs:annotation>
    <xs:documentation xml:lang="en">Silence
comsectionment</xs:documentation>
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<xs:enumeration value="04">
  <xs:annotation>
    <xs:documentation xml:lang="en">Silence
comsectionment</xs:documentation>
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</xs:enumeration>
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families</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="06">
  <xs:annotation>
    <xs:documentation xml:lang="en">Comsectionement for
women</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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free</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation xml:lang="en">Bike accepted against
paiement</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
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staff</xs:documentation>
  </xs:annotation>

```



```

</xs:enumeration>
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</xs:enumeration>
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  <xs:annotation>
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comsectionement</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="13">
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PRM</xs:documentation>
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position</xs:documentation>
  </xs:annotation>
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coach</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
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use</xs:documentation>
  </xs:annotation>
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</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation xml:lang="en">Cars loaded in direction of
travel</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="19">
  <xs:annotation>
    <xs:documentation xml:lang="en">Rail courier / rail postal
service</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">

```

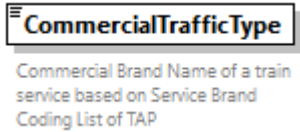
	<pre> <xs:annotation> <xs:documentation xml:lang="en">Reduced number of seats for reservation</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="21"> <xs:annotation> <xs:documentation xml:lang="en">Dining car or bar in service</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="22"> <xs:annotation> <xs:documentation xml:lang="en">Mobile dining service</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CommercialSpecificationCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	element	ConsignmentOrderMessage/COMS/COM/CommercialSpecifications	
facets	Kind	Value	Annotation
	enumeration	1	documentation Route ...
	enumeration	2	documentation Traffic flow ...
	enumeration	3	documentation Carriers mandated to perform the carriage, section, status
	enumeration	4	documentation Defined frontier stations..... (for exceptional consignments)
	enumeration	5	documentation Other conditions requested.....(for example: EDI contract number if an electronic consignment note is used.)
annotation	documentation Commercial specifications code		
source	<pre> <xs:element name="CommercialSpecificationCode"> <xs:annotation> <xs:documentation>Commercial specifications code</xs:documentation> </xs:annotation> </xs:simpleType> </pre>		

	<pre> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Route ...</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Traffic flow ...</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Carriers mandated to perform the carriage, section, status</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Defined frontier stations..... (for exceptional consignments)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Other conditions requested...(for example: EDI contract number if an electronic consignment note is used.)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CommercialTrafficType**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content simple		
used by	elements CoachOrTrainsetCommercialData PlannedTrainData UnitCommercialData		
facets	Kind	Value	Annotation
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	enumeration	46	documentation TAJ
			documentation TAJ

		documentation
		Day car train
		documentation
		13
		documentation
		0
enumeration	47	documentation
		TAC
		documentation
		TAC
		documentation
		Car sleeper train, motor rail (CST)
		documentation
		14
		documentation
		0
enumeration	48	documentation
		SAE
		documentation
		SAE
		documentation
		Unaccompanied car service, motor rail
		documentation
		14
		documentation
		0
enumeration	49	documentation
		EIC
		documentation
		EkspresIC
		documentation
		Fast and Comfortable Interregional trains
		documentation
		10
		documentation
		0
enumeration	50	documentation
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		documentation
		EuroCity
		documentation
		EuroCity
		documentation
		9
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		0
enumeration	51	documentation
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		documentation
		ICE
		documentation
		ICE
		documentation
		8

		documentation 0
	enumeration 52	documentation AVE documentation AVE documentation AVE documentation 8
	enumeration 53	documentation 0 documentation EIL documentation EUROSTAR documentation Eurostar documentation 8
	enumeration 54	documentation 0 documentation
		documentation
		documentation Talgo
		documentation 9
		documentation 0
	enumeration 55	documentation OTU documentation Oresundstog documentation Oresundstog documentation 10
		documentation 0
	enumeration 56	documentation TGV documentation TGV documentation TGV Bruxelles – Lille / Province documentation 8
		documentation 0
	enumeration 58	documentation

		TRN documentation Intercités documentation Intercités documentation 9 documentation 0 enumeration 59 documentation AE documentation ALLEGRO documentation Allegro documentation 8 documentation 0 enumeration 60 documentation ECB documentation EuroCityBrenner documentation EuroCityBrenner documentation 9 documentation 0 enumeration 62 documentation documentation documentation Suburban service documentation 12 documentation 0 enumeration 63 documentation IC documentation Intercity documentation Intercity documentation 9 documentation 0 enumeration 64 documentation documentation

			documentation Hotel Train documentation 13 documentation 0 documentation
	enumeration	65	
			documentation Ferry documentation hydrofoil documentation 33 documentation 0 documentation IC documentation Intercity documentation Inter City Lyn documentation 9 documentation 0 documentation
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	enumeration	67	
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	enumeration	68	
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			documentation documentation documentation Express

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			EN
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			documentation
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			documentation
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			documentation
			High-speed train
enumeration	71	72	documentation
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			documentation
			TRN
			documentation
			TRAIN
			documentation
			Train SNCF
enumeration	72	73	documentation
			9
			documentation
			0
			documentation
			TGV
			documentation
			TGV
			documentation
			TGV Sud-Est
enumeration	73	74	documentation
			8
			documentation
			0
			documentation
			TGV
			documentation
			TGV
			documentation
			TGV Atlantique
enumeration	74		documentation
			8
			documentation
			0

	enumeration	75	documentation
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			documentation
			TGV
			documentation
			TGV Nord
	enumeration	76	documentation
			8
			documentation
			0
			documentation
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	enumeration	77	documentation
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			documentation
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			documentation
			TGV Nord

		THALYS documentation Thalys documentation 8 documentation 0 documentation
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	enumeration 87	
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	enumeration 88	

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			documentation Alvia
			documentation 8
			documentation 0
		90	documentation AVN
			documentation Avant
			documentation Avant
			documentation 8
			documentation 0
			documentation TER
			documentation TRAIN
			documentation Regional TER
			documentation 11
			documentation 0
			documentation REG
			documentation NSB Regiontog
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			documentation 37
			documentation 0
		93	documentation FB
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			documentation FRECCIABIANCA
			documentation 8
			documentation 0
		94	documentation SC
			documentation SuperCity

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		15 documentation 0 documentation documentation documentation Airport train documentation 12 documentation 0 documentation Night train documentation 13 documentation 0 documentation documentation Touristic train documentation 9 documentation 0 documentation documentation Historical train, steam engine train documentation 16 documentation 0 documentation IRE documentation IRE documentation Interregio-Express documentation 10 documentation 0 documentation RB documentation RB
	enumeration 100	
	enumeration 101	
	enumeration 102	
	enumeration 107	
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	enumeration 109	

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			documentation
		9	
			documentation
		0	
	enumeration	116	documentation
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			documentation
			Altaria
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		9	
			documentation
		0	
	enumeration	117	documentation
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			documentation
			Arco
			documentation
			intercity
			documentation
		9	
			documentation
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	enumeration	119	documentation
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			documentation
			S-Bahn
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		12	
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			documentation
			Night Train
			documentation
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		0	
	enumeration	122	documentation
			IR

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	enumeration	123	documentation IRN documentation Interregional Night Train documentation Interregional Night Train documentation 13 documentation 2 documentation 124 documentation NLT documentation TOLSTOI documentation Tolstoi documentation ";E1;" documentation 0 documentation 126 documentation documentation documentation ARZ documentation 14 documentation 0 documentation 128 documentation AVE documentation RENFE SNCF EN COOPERATION documentation RENFE SNCF documentation 8 documentation 0 documentation 129 documentation TGV documentation RENFE SNCF EN COOPERATION documentation
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	enumeration	129	documentation TGV documentation RENFE SNCF EN COOPERATION documentation

			RENFE SNCF documentation 8 documentation 0 documentation 130 BUS documentation IC Bus documentation Bus documentation 32 documentation 0 documentation 131 BUS documentation IC Bus international documentation Bus documentation 32 documentation 0 documentation 153 documentation documentation special train documentation Sonderzug documentation 9 documentation 0 documentation 154 documentation documentation documentation InterCityRapid documentation 9 documentation 0 documentation 155 documentation documentation documentation InterPici documentation 9
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	enumeration	154	
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		documentation 11
		documentation 0
	enumeration 159	documentation
		documentation Bus
		documentation IC Ersatzbus
		documentation 32
		documentation 0
	enumeration 160	documentation
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		documentation IP Ersatzbus
		documentation 32
		documentation 0
	enumeration 162	documentation
		documentation Bus
		documentation Replacement Bus
		documentation 32
		documentation 0

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	enumeration	170	documentation
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			documentation
			YHT
			documentation
			High speed train in Turkey
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			0
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			documentation
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			documentation
			8
	enumeration	174	documentation
			0
			documentation
			FR
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			FRECCIAROSSA
	enumeration	175	documentation
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			AP
			documentation
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	enumeration	205	documentation ICP documentation Intercity Plus documentation Intercity Plus documentation ";E1;" documentation 0
	enumeration	206	documentation

	enumeration	207	RID documentation Riviera Day documentation Riviera day documentation 9 documentation 0 documentation RIN documentation Riviera Night documentation Riviera night documentation 9 documentation 0 documentation RJ documentation R A I L JET documentation Rail Jet documentation 9 documentation 0 documentation AZ documentation DB Autozug documentation DB Autozug documentation 14 documentation 0 documentation
	enumeration	213	documentation Berlin-Warszawa-Express documentation Berlin-Warszawa-Express documentation 8 documentation 0 documentation
	enumeration	214	documentation Railpromo Austria Express/Treski
	enumeration	215	

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		documentation PRECIOS MERCADO documentation Precios Mercado documentation 9 documentation 0 documentation TGV documentation TGV documentation TGV documentation 8 documentation 0 documentation FB documentation FB documentation FernBus documentation 32 documentation 0 documentation ICB documentation Intercitybus documentation ÖBB-Intercitybus documentation 32 documentation 0 documentation TLK documentation TLK train documentation Yours Rail Lines documentation
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	enumeration 223	
	enumeration 224	
	enumeration 225	

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enumeration	226	documentation	
		A	documentation
		RailBus	documentation
		RailBus	documentation
		32	documentation
		0	
enumeration	227	documentation	
		BUS	documentation
		Replacement bus for Regional Train	documentation
		Replacement bus for Regional Train	documentation
		32	documentation
		0	
enumeration	228	documentation	
		IR	documentation
		InterREGIO train	documentation
		InterREGIO train	documentation
		10	documentation
		0	
enumeration	229	documentation	
		IRB	documentation
		Replacement bus for InterRegio train	documentation
		Replacement bus for InterRegio train	documentation
		32	documentation
		0	
enumeration	230	documentation	
		MP	documentation
		Fast International Train	documentation
		Fast International Train	documentation
		10	documentation
		0	
enumeration	231	documentation	

			MR
			documentation
			musicREGIO train
			documentation
			musicREGIO train
			documentation
			11
			documentation
			0
	enumeration	232	documentation
			Os
			documentation
			Stopping Train
			documentation
			Stopping Train
			documentation
			11
			documentation
			0
	enumeration	233	documentation
			P
			documentation
			Fast Train
			documentation
			Fast Train
			documentation
			10
			documentation
			0
	enumeration	234	documentation
			R
			documentation
			REGIO train
			documentation
			REGIO train
			documentation
			11
			documentation
			0
	enumeration	235	documentation
			RE
			documentation
			REGIOekspres train
			documentation
			REGIOekspres train
			documentation
			10
			documentation
			0
	enumeration	236	documentation
			VR
			documentation
			viaREGIO train
			documentation

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	enumeration	237	
	enumeration	238	
	enumeration	239	
	enumeration	240	
	enumeration	242	

	enumeration	243	0
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			STR
			documentation
			STRIZH
			documentation
			Strizh interregional
			documentation
			";E1;"
			documentation
			0
			documentation
			NJ
			documentation
			NJ
			documentation
			NJ Night Jet
			documentation
			";E1;"
			documentation
			0
			documentation
			CAR
			documentation
			AUTOCAR
			documentation
			French regional buses (not sold via Hermes)
			documentation
			";E1;"
			documentation
			0
			documentation
			RJX
			documentation
			RJX
			documentation
			RJX railjet xpress
			documentation
			";E1;"
			documentation
			0
			documentation
			CJX
			documentation
			CJX
			documentation
			CJX cityjet xpress
			documentation
			";E1;"
			documentation
			0
			documentation
			Night train BC
			documentation

			Night train BC documentation ";E1;" documentation 0
	enumeration	249	documentation TGV documentation TGV INOUI documentation TGV INOUI documentation ";E1;" documentation 0
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	enumeration	251	documentation ALI documentation Aare Linth documentation Aare Linth (Panorama Train) documentation ";E1;" documentation 0
	enumeration	252	documentation TGO documentation Treno Gottardo documentation Treno Gottardo (Panorama Train) documentation ";E1;" documentation 0
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	BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation ";E1;" documentation 0
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            <xs:documentation xml:lang="en" doc:docType="merits description">Aare
Linth (Panorama Train)</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="servicemode
code">"E1;"</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="252">
            <xs:annotation>
              <xs:documentation xml:lang="en">TGO</xs:documentation>
              <xs:documentation xml:lang="en" doc:docType="ticket text
reservation">Treno Gottardo </xs:documentation>
              <xs:documentation xml:lang="en" doc:docType="merits description">Treno
Gottardo (Panorama Train)</xs:documentation>
              <xs:documentation xml:lang="en" doc:docType="servicemode
code">"E1;"</xs:documentation>

```

```

        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="253">
        <xs:annotation>
            <xs:documentation xml:lang="en">VAE</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="ticket text
reservation">Voralpen-Express </xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="merits
description">Voralpen-Express (Panorama Train)</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="servicemode
code">"E1;"</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    <xs:enumeration value="254">
        <xs:annotation>
            <xs:documentation xml:lang="en">LK</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="ticket text
reservation">FRECCIALINK</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="merits
description">FRECCIALINK</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="servicemode
code">"E1;"</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    <xs:enumeration value="255">
        <xs:annotation>
            <xs:documentation xml:lang="en">FRN</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="ticket text
reservation">FRECCIAROSSA NOTTE</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="merits
description">FRECCIAROSSA NOTTE</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="servicemode
code">"E1;"</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    <xs:enumeration value="256">
        <xs:annotation>
            <xs:documentation xml:lang="en">ABS</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="ticket text
reservation">ANEK - SUPERFAST JOINT VENTURE </xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="merits
description">Domestic routes Crete</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="servicemode
code">"E1;"</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
            </xs:annotation>

```

	<pre></xs:enumeration> <xs:enumeration value="257"> <xs:annotation> <xs:documentation xml:lang="en">ASF</xs:documentation> <xs:documentation xml:lang="en" doc:docType="ticket text reservation">ANEK - SUPERFAST JOINT VENTURE </xs:documentation> <xs:documentation xml:lang="en" doc:docType="merits description">International Lines Italy-Greece and V.V.</xs:documentation> <xs:documentation xml:lang="en" doc:docType="servicemode code">"E1;"</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Status">0</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="258"> <xs:annotation> <xs:documentation xml:lang="en">BSF</xs:documentation> <xs:documentation xml:lang="en" doc:docType="ticket text reservation">BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE</xs:documentation> <xs:documentation xml:lang="en" doc:docType="merits description">Domestic routes Greece </xs:documentation> <xs:documentation xml:lang="en" doc:docType="servicemode code">"E1;"</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Status">0</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="259"> <xs:annotation> <xs:documentation xml:lang="en">HSW</xs:documentation> <xs:documentation xml:lang="en" doc:docType="ticket text reservation">BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE</xs:documentation> <xs:documentation xml:lang="en" doc:docType="merits description">Domestic routes Greece </xs:documentation> <xs:documentation xml:lang="en" doc:docType="servicemode code">"E1;"</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Status">0</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **CommitmentETA**

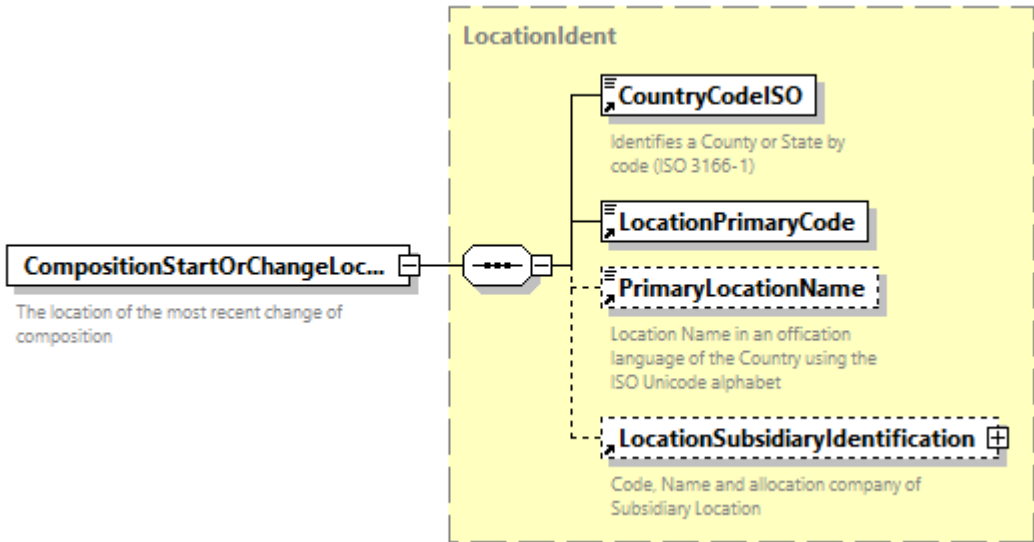
diagram	 Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element AlertMessage
annotation	documentation Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.
source	<pre><xs:element name="CommitmentETA" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element></pre>

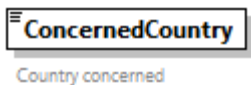
element **Company**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	content simple		
used by	elements	CapacityProductSearchCriteria/AffectedIMSearch TCRSearchCriteria/AffectedIMSearch	
	complexTypees	CompositIdentifierOperationalType CompositIdentifierPlannedType	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
annotation	documentation Identifies a railway company (RU or IM)		
source	<pre><xs:element name="Company" type="CompanyCode"> <xs:annotation> <xs:documentation>Identifies a railway company (RU or IM)</xs:documentation> </xs:annotation> </xs:element></pre>		

element **CompositionStartOrChangeLocation**

diagram	 The diagram shows the CompositionStartOrChangeLocation element, which is a complex content type. It contains a LocationIdent element. The LocationIdent element is a complex type containing four sub-elements: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an official language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation The location of the most recent change of composition
source	<pre><xs:element name="CompositionStartOrChangeLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>The location of the most recent change of composition</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConcernedCountry**

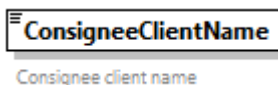
diagram	 The diagram shows the ConcernedCountry element, which is a simple content type representing a country concerned.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
used by	element ExceptionalGaugingInfo
facets	Kind Value Annotation length 2
annotation	documentation Country concerned

source	<pre> <xs:element name="ConcernedCountry"> <xs:annotation> <xs:documentation>Country concerned</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsigneeClientCode**

diagram	≡ ConsigneeClientCode Consignee client code									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	elements ILU CommercialForwardingData/CommercialDestination/Additional ILU Information ConsigneeInformation DeliveryLocation									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>16</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	16	
Kind	Value	Annotation								
minLength	1									
maxLength	16									
annotation	documentation Consignee client code									
source	<pre><xs:element name="ConsigneeClientCode"> <xs:annotation> <xs:documentation>Consignee client code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsigneeClientName**

diagram	 Consignee client name
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	String1-24
properties	content simple

used by	elements ILU CommercialForwardingData/CommercialDestination/Additional ILU Information ConsigneeInformation DeliveryLocation									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>24</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	24	
Kind	Value	Annotation								
minLength	1									
maxLength	24									
annotation	documentation Consignee client name									
source	<pre><xs:element name="ConsigneeClientName" type="String1-24"> <xs:annotation> <xs:documentation>Consignee client name</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ConsigneeInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ConsigneeClientCode ConsigneeClientName
used by	element CommercialDestinationOfWagon
annotation	documentation Additional Information
source	<pre><xs:element name="ConsigneeInformation"> <xs:annotation> <xs:documentation>Additional Information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ConsigneeClientCode" minOccurs="0"/> <xs:element ref="ConsigneeClientName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ConsignmentNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	ConsignmentIdent
properties	content complex
annotation	documentation Reference number assigned to a consignment by a lead RU
source	<pre> <xs:element name="ConsignmentNumber" type="ConsignmentIdent"> <xs:annotation> <xs:documentation>Reference number assigned to a consignment by a lead RU</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ConsignmentOrderMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader COMS
annotation	documentation Consignment Order Message from Lead RU to RU
source	<pre> <xs:element name="ConsignmentOrderMessage"> <xs:annotation> <xs:documentation>Consignment Order Message from Lead RU to RU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element name="COMS" maxOccurs="50"> <xs:annotation> <xs:documentation>Message (all bounded optional elements are bounded to obligations of legacy systems)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> </pre>

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<xs:complexType>
  <xs:sequence>
    <xs:element name="SendingRU" type="CompanyCode">
      <xs:annotation>
        <xs:documentation>Use here the 4 digit code according to UIC
leaflet 920-1 of the railway, which created/amended the message (like
2185).</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ReceivingRU" type="CompanyCode">
      <xs:annotation>
        <xs:documentation>Use here the 4 digit code according to UIC
leaflet 920-1 of the railway, which is the receipt of the message (like
2185).</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="MessageReferenceNumber" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Message Reference NumberThis
identification is being generated during creation of the message. This allows the
tracing of the message.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="18">
            <xs:annotation>
              <xs:documentation>Use here a counter, any
system.</xs:documentation>
            </xs:annotation>
          </xs:maxLength>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="ShipmentType">
      <xs:annotation>
        <xs:documentation>Classification of the wagon order as
'CUV','CIM' or "SMGS".</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="CIM">
            <xs:annotation>
              <xs:documentation>Regular transport, according in
basic to the CIM consignment note.</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="CUV">
            <xs:annotation>
              <xs:documentation>Transport of empty wagons. If
loaded and empty wagons are withing the same shipment, then the ShipmentType has
to be set to CIM. For the empty wagons the loading status has to be set in the
WagonDetails.</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

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        <xs:enumeration value="SMGS"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="ConsignmentOrderType"/>
<xs:element name="COM_PreparationDatetime">
    <xs:annotation>
        <xs:documentation>Date and Time of preparation of the
COM</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
    </xs:simpleType>
</xs:element>
<xs:element name="DossierNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Internal identification number of the
Wo. This information is important to be able to identify the COM even after
modifications. Format: RRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year,
MM = month, DD = day and NNNNNNN = running number.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:length value="19"/>
            <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="VersionNumber">
    <xs:annotation>
        <xs:documentation>Message version number. This number has to
to be incremented after each modification. On creation this value has to be set to
0.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:minInclusive value="0"/>
            <xs:maxInclusive value="100"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="PrintForm" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Which form to use for printout. CIM-CN or
CIM-CN for combined traffic. This information assures, that the same paper document
will be used for the 'duplicate of the consignment note' and the final print out
of the ECN for the consignee.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="WLT">
                <xs:annotation>
                    <xs:documentation>Wagon load transport form to be used
for print-out.</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
        </xs:restriction>
    </xs:simpleType>
</xs:element>

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        </xs:enumeration>
        <xs:enumeration value="CT">
          <xs:annotation>
            <xs:documentation>Combined traffic form to be used for
print-out.</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Intermodal" minOccurs="0">
    <xs:simpleType>
      <xs:restriction base="xs:byte">
        <xs:pattern value="0|1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="ChangeLog" minOccurs="0" maxOccurs="100">
    <xs:annotation>
      <xs:documentation>Log of changes made by the LeadRU /
contractual carrier during the transport.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="DateTime">
          <xs:annotation>
            <xs:documentation>DateTime, when the changes were
applied.</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:dateTime"/>
          </xs:simpleType>
        </xs:element>
        <xs:element name="NumberOfModifiedVersion">
          <xs:annotation>
            <xs:documentation>Version number of the modified
message (as also written into COMHeader/COMVersionNumber).</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:int"/>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="COM">
  <xs:annotation>
    <xs:documentation>Consignment order message</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="AcceptancePoint">

```

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<xs:annotation>
  <xs:documentation>Description of location and time for the
take over of the consignment</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="Station"/>
    <xs:element ref="RP_Code" minOccurs="0"/>
    <xs:element ref="ProductionStation" minOccurs="0"/>
    <xs:element name="AcceptanceDate" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Date and time (month, day and hour)
at which the goods were accepted. </xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
      </xs:simpleType>
    </xs:element>
    <xs:element name="ConsignmentNumber">
      <xs:annotation>
        <xs:documentation>Running number and check digit of
the consignment between Lead RU and customer. Format: NNNNNC The number consists
of NNNNN = running number C = check digit, </xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="6"/>
          <xs:pattern value="\d*[1-9]\d*"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="ForwardingTrainNumber" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Train number at shipping
</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="6"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="CarrierCode" type="CompanyCode">
      <xs:annotation>
        <xs:documentation>Code of the shipping carrier
mentioned in the consignment number.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeliveryPoint">
  <xs:annotation>
    <xs:documentation>Description of location and time for the

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hand over of the consignment</xs:documentation>

```

    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="Station"/>
        <xs:element ref="RP_Code" minOccurs="0"/>
        <xs:element ref="ProductionStation" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element ref="Customers" minOccurs="2" maxOccurs="4">
    <xs:annotation>
      <xs:documentation>Information about the consignor,
consignee and freight payers. At least information about consignor and consignee
has to be given</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ConsignorDeclarations" minOccurs="0"
maxOccurs="10">
    <xs:annotation>
      <xs:documentation>Consignors declarartions, this element
contains either declarations of the original consignor or declarations of the LeadRU
as consignor</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="ConsignorDeclarationCode"/>
        <xs:element ref="DeclarationText" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="GeneralInformation" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Genearal information about the complete
consignment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="ConsignorReference" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Consignor's reference concerning
the complete consignment</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="35"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="InformationConsignee" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Information from the consignor to
the consignee relating to the consignment. This information is not to commit the
carrier.</xs:documentation>

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</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="350"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="WagonGroupInfo" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Consignor information regarding
the whole consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="2000"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AttachedDocuments" minOccurs="0"
maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DocumentType">
        <xs:annotation>
          <xs:documentation>Type code of attached document. The
UN/DIFACT 1001 list of codes is to be used to code accompanying
documents.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="DocumentInformation" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional information regarding
the attached document may be entered here.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>

```

```

</xs:simpleType>
</xs:element>
<xs:element ref="Quantity" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Amount of the documents of the
specified type.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DocumentTypeDescription"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Description of document type, when
it is not in the UN/EDIFACT 1001 list included.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Filename" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Filename of embedded pdf in legacy
system</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="35"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="StatusOfDocument" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CommercialSpecifications" minOccurs="0"
maxOccurs="5">
  <xs:annotation>
    <xs:documentation>Commercial
Specification</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CommercialSpecificationCode"/>
      <xs:element name="SpecificationText" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional Text for codes with free
text</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="1000"/>

```

```

        </xs:restriction>
        </xs:simpleType>
        </xs:element>
        <xs:element name="CarrierCode" type="CompanyCode"
minOccurs="0" maxOccurs="10">
        <xs:annotation>
        <xs:documentation>additional carrier code belonging
to the given contract number</xs:documentation>
        </xs:annotation>
        </xs:element>
        <xs:element name="ContractNumber" minOccurs="0"
maxOccurs="10">
        <xs:annotation>
        <xs:documentation>additional contract number
according to the given carrier code.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
        <xs:restriction base="xs:string">
        <xs:minLength value="1">
        <xs:annotation>
        <xs:documentation>has to be sent as n6 (with
leading zeros if necessary)</xs:documentation>
        </xs:annotation>
        </xs:minLength>
        <xs:maxLength value="6"/>
        </xs:restriction>
        </xs:simpleType>
        </xs:element>
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element name="PrepaymentInstructions">
        <xs:annotation>
        <xs:documentation>Prepayment</xs:documentation>
        </xs:annotation>
        <xs:complexType>
        <xs:sequence>
        <xs:element name="PrepaymentCustomer" minOccurs="0">
        <xs:annotation>
        <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
        </xs:annotation>
        <xs:complexType>
        <xs:choice>
        <xs:element ref="PrepaidCodeCustomer"/>
        <xs:element ref="IncotermCode"/>
        </xs:choice>
        </xs:complexType>
        </xs:element>
        <xs:element ref="PrepaidcodeCarrier"/>
        <xs:element name="PaidUpTo" minOccurs="0">
        <xs:annotation>
        <xs:documentation>Charges Paid Up To ... This
information is being sent by the consignor in agreement with the contractual carrier
so only one structure is needed for field 20 and 49. The carrier is only allowed

```

```

to apply changes, when ordered by the consignor.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:complexContent>
            <xs:extension base="LocationIdent"/>
        </xs:complexContent>
    </xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="5">
    <xs:annotation>
        <xs:documentation>Additional
Charges</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Code">
                <xs:annotation>
                    <xs:documentation>Additional charges code
according CIT GLV-CIM appendix 3</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:length value="2"/>
                        <xs:pattern value="\d*[1-9]\d*" />
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Description" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Additional charges
description</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="35"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Tariff">
    <xs:annotation>
        <xs:documentation>Number of customer agreement or
tariff</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice>
            <xs:element name="ContractNumber">
                <xs:annotation>

```

```

        <xs:documentation>Number of customer
agreement.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1">
                <xs:annotation>
                    <xs:documentation>has to be sent as n6 (with
leading zeros if necessary)</xs:documentation>
                </xs:annotation>
            </xs:minLength>
            <xs:maxLength value="6"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="TariffNumber">
    <xs:annotation>
        <xs:documentation>Number of the
tariff.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1">
                <xs:annotation>
                    <xs:documentation>has to be sent as n6 (with
leading zeros if necessary, but without check digit)</xs:documentation>
                </xs:annotation>
            </xs:minLength>
            <xs:maxLength value="6"/>
            <xs:pattern value="\d*[1-9]\d*" />
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:choice>
</xs:complexType>
</xs:element>
<xs:element name="SectionalInvoicing" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Sectional Invoicing</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Section" maxOccurs="30">
                <xs:annotation>
                    <xs:documentation>Sectional
Invoicing</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:sequence>
                <xs:element name="InvoicingCarrierCode"
type="CompanyCode">
                    <xs:annotation>
                        <xs:documentation>Sectional invoicing
by</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

</xs:element>
<xs:element name="InvoicedSection">
  <xs:annotation>
    <xs:documentation>Information about the
section to be invoiced.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="CountryCode"
type="CountryIdentISO">
        <xs:annotation>
          <xs:documentation>Invoiced section
specified by country</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="SectionCarrierCode"
type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Invoiced section
specified by carrier</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeclarationOfValue" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the value of the goods and the
currency code when the value exceeds the limit given in CIM Article 30 section
2.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode"
type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="InterestInDelivery" minOccurs="0">

```

```

<xs:annotation>
  <xs:documentation>Details of the amount and currency code of
a special interest in delivery.</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="Amount" type="Money_Type">
      <xs:annotation>
        <xs:documentation>Amount</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CurrencyCode"
type="CurrencyCode_Type">
      <xs:annotation>
        <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CashOnDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the amount to be collected on
delivery and the currency code.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode"
type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="RouteSection" minOccurs="0" maxOccurs="30">
  <xs:annotation>
    <xs:documentation>Route sequence Sequential information
about the complete routing of the consignment, the LeadRu decides wether to provide
this information or not</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SequenceID" type="xs:int">
        <xs:annotation>
          <xs:documentation>Position of the route section in
transport chain. Used to determine the exact way of the transport for customs

```



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purposes.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:sequence>
    <xs:element ref="RouteCode"/>
    <xs:element name="RouteText" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Description of the specific route
section</xs:documentation>
        </xs:annotation>
    </xs:element>
</xs:sequence>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="SpecialTreatments" minOccurs="0"
maxOccurs="30"/>
<xs:element name="CustomsProcedures" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Customs procedures</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="RU_Partner" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Code of the RU entrusted of customs
procedures. </xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element ref="Location"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CustomsData" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Customs Data</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SimplifiedTransportProcedure"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Simplified transport procedure is
used (STP).</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:simpleType>
                <xs:restriction base="xs:boolean"/>
            </xs:simpleType>
        </xs:sequence>
    </xs:complexType>
</xs:element>

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<xs:element name="PrincipalRU" type="CompanyCode"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code for the principal
RU</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomsSurveillance">
  <xs:annotation>
    <xs:documentation>Good under customs
surveillance</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:boolean"/>
  </xs:simpleType>
</xs:element>
<xs:element name="CustomsEndorsements" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Reserved for endorsements by
customs or a consignor/consignee authorised by customs. Data element in accordance
with Regulation (EC) 1875/2006).</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="1000"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="RU_Declarations" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Carriers declaration</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="RU_Declaration" minOccurs="0"
maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Details of the carriers
declaration.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DeclaringRU" type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Code of carrier, who added
the declaration.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="RU_DeclarationCode"/>
            <xs:element ref="DeclarationText" minOccurs="0"/>
          </xs:sequence>

```

```

        </xs:complexType>
    </xs:element>
    <xs:element name="DifferentAcceptance" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Details of the changes of the
acceptance point given by the consignor.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="DifferentAcceptancePoint"
type="LocationIdent" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Variance of acceptance point
given in structure AcceptancePoint.</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="DifferentAcceptanceDate"
minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Variance of acceptance date
given structure AcceptancePoint.</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:dateTime"/>
                    </xs:simpleType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Carriers" maxOccurs="30">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="CarrierStatus"/>
            <xs:element name="CarrierCode" type="CompanyCode">
                <xs:annotation>
                    <xs:documentation>Railway Undertaking (Railway
Code)</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="ResponsibleCarrierCode"
type="CompanyCode" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Railway Undertaking (Railway Code)
of the carrier in charge.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="CarrierName" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Name of Carrier</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">

```

```

        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="StreetNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Streetnumber of
carrier.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Name of street of the
carrier</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Postal Code</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="9"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
    <xs:annotation>
        <xs:documentation>City/Town</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Country Code (ISO

```

```

Code)</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SectionFrom" type="LocationIdent">
    <xs:annotation>
      <xs:documentation>Start of section to be performed by
the carrier. This can be a station OR a border crossing point.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SectionTo" type="LocationIdent">
    <xs:annotation>
      <xs:documentation>End of section to be performed by
the carrier. This can be a station OR a border crossing point.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SubContractNumber_SplitContract"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Number of customer agreement
between the responsible and the operating carrier</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1">
          <xs:annotation>
            <xs:documentation>has to be sent as n6 (with
leading zeros if necessary)</xs:documentation>
          </xs:annotation>
        </xs:minLength>
        <xs:maxLength value="6"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
<xs:attribute name="sequenceID" type="xs:int">
  <xs:annotation>
    <xs:documentation>Position of carrier during transport.
</xs:documentation>
  </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="LeadCarrier">
  <xs:annotation>
    <xs:documentation>LeadCarrier/ Contractual
carrier</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Contractual carrier, railway
undertaking (Railway Code).</xs:documentation>
        </xs:annotation>
      </xs:element>

```

```

<xs:element name="CarrierName" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Name of contractual
carrier</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="StreetNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Streetnumber of
carrier.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="5"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Name of street of the
carrier</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Postal Code</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="9"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>

```

```

        </xs:restriction>
        </xs:simpleType>
        </xs:element>
        <xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
        <xs:annotation>
        <xs:documentation>Country Code (ISO
Code)</xs:documentation>
        </xs:annotation>
        </xs:element>
        <xs:element name="Signature" minOccurs="0">
        <xs:annotation>
        <xs:documentation>Signature of the contractual
carrier. When missing, the shipment number (CIM: 62) shall be used for signature
purposes.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
        <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
        </xs:restriction>
        </xs:simpleType>
        </xs:element>
        </xs:sequence>
        </xs:complexType>
</xs:element>
<xs:element name="MadeOut">
        <xs:annotation>
        <xs:documentation>Made out</xs:documentation>
        </xs:annotation>
        <xs:complexType>
        <xs:sequence>
        <xs:element name="Place">
        <xs:annotation>
        <xs:documentation>Place on which the consignment note
was made out</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
        <xs:restriction base="xs:string">
        <xs:maxLength value="35"/>
        <xs:minLength value="1"/>
        </xs:restriction>
        </xs:simpleType>
        </xs:element>
        <xs:element name="Date" type="xs:date">
        <xs:annotation>
        <xs:documentation>Date at which the consignment note
was made out.</xs:documentation>
        </xs:annotation>
        </xs:element>
        </xs:sequence>
        </xs:complexType>
</xs:element>
<xs:element name="ChargesNote" minOccurs="0">
        <xs:annotation>

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```

        <xs:documentation>Charges note</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ChargesNoteAvailable"
type="xs:boolean"/>
            <xs:element name="DateOfReturn" type="xs:date"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Date, when the destination carrier
sent the charges note back to the contractual carrier.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="TransitPeriodExtensions" minOccurs="0"
maxOccurs="30">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="CodeOfCause"/>
            <xs:element name="Description" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Description for CodeOfCause no.
9.</xs:documentation>
                </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="180"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:sequence>
        <xs:element name="Place">
            <xs:annotation>
                <xs:documentation>Place of the
extension.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="180"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="Beginning">
            <xs:annotation>
                <xs:documentation>Beginning of the
extension.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:dateTime"/>
            </xs:simpleType>
        </xs:element>
        <xs:element name="Ending">

```



```

        <xs:annotation>
        <xs:documentation>End of
extension.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ChargingSections" maxOccurs="15">
    <xs:annotation>
    <xs:documentation>Charging section</xs:documentation>
    </xs:annotation>
    <xs:complexType>
    <xs:sequence>
        <xs:element name="Start" type="LocationIdent">
        <xs:annotation>
        <xs:documentation>Start of the charging
section</xs:documentation>
        </xs:annotation>
        </xs:element>
        <xs:element name="End" type="LocationIdent">
        <xs:annotation>
        <xs:documentation>End of the charging
section</xs:documentation>
        </xs:annotation>
        </xs:element>
        <xs:element name="CommercialRouteCode" minOccurs="0">
        <xs:annotation>
        <xs:documentation>Route code (RIP) when the customer
agreement or the tariff applied provide for it. </xs:documentation>
        </xs:annotation>
        <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:length value="3"/>
            <xs:pattern value="\d*[1-9]\d*"/>
        </xs:restriction>
        </xs:simpleType>
        </xs:element>
        <xs:element name="CurrencyCode"
type="CurrencyCode_Type">
        <xs:annotation>
        <xs:documentation>Code for the currency of the amounts
entered in the charging section.</xs:documentation>
        </xs:annotation>
        </xs:element>
        <xs:element name="Tariff" minOccurs="0">
        <xs:annotation>
        <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
        </xs:annotation>
        <xs:complexType>
        <xs:sequence>

```

```

<xs:element name="NHMCode" type="NHMCodeType">
  <xs:annotation>
    <xs:documentation>NHM code determining the
charges applicable.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TariffNumber">
  <xs:annotation>
    <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
  </xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="6"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ChargedMass" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Charged mass [weight in kg].
As appropriate, area in m2 or the volume of the wagon or goods in m3 if used as the
basis for charging.</xs:documentation>
  </xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="value">
      <xs:simpleType>
        <xs:restriction base="xs:decimal">
          <xs:minInclusive value="1"/>
          <xs:totalDigits value="8"/>
          <xs:fractionDigits value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="measure" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="kg"/>
          <xs:enumeration value="m2"/>
          <xs:enumeration value="m3"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Exchange rate for amounts to
be paid by the consignor or consignee which are not expressed in the invoicing
currency.</xs:documentation>
  </xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:decimal">

```

```

        <xs:totalDigits value="18"/>
        <xs:fractionDigits value="3"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Distance" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Tariff distance, expressed
in km or zones, between the stations or points corresponding to the beginning and
end of the charging section.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:choice>
        <xs:element name="KM">
          <xs:annotation>
            <xs:documentation>Tariff distance,
expressed in km, between the stations or points corresponding to the beginning and
end of the charging section.</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:int">
              <xs:minInclusive value="1"/>
              <xs:maxInclusive value="99999"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="Zones">
          <xs:annotation>
            <xs:documentation>Tariff distance,
expressed in zones, between the stations or points corresponding to the beginning
and end of the charging section.</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:int">
              <xs:minInclusive value="1"/>
              <xs:maxInclusive value="99"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:choice>
    </xs:complexType>
  </xs:element>
  <xs:element name="Fee" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Supplements, fees,
deductions</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:int">
        <xs:totalDigits value="4"/>
        <xs:minInclusive value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="FreightCharges" minOccurs="0">

```

```

<xs:annotation>
  <xs:documentation>Freight Charges (paid and
due)</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:choice>
    <xs:element name="Prepaid"
type="Money_Type">
      <xs:annotation>
        <xs:documentation>Carriage charges to be
paid by the consignor in the tariff currency.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Transferred"
type="Money_Type">
      <xs:annotation>
        <xs:documentation>Carriage charges to be
paid by the consignee in the tariff currency.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:choice>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="10">
  <xs:annotation>
    <xs:documentation/>
    <xs:documentation>Sum of Prepaid</xs:documentation>
    <xs:documentation>Sum of
Transferred</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Code">
        <xs:annotation>
          <xs:documentation>Additional charges
code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    <xs:choice>
      <xs:element name="Prepaid" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Prepaid</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>

```

```

                                <xs:element name="Transferred"
type="Money_Type">
                                <xs:annotation>
<xs:documentation>Transferred</xs:documentation>
                                </xs:annotation>
                                </xs:element>
                                </xs:choice>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element ref="Wagons" minOccurs="0" maxOccurs="99">
                                <xs:annotation>
                                <xs:documentation>Contains list of transported Goods,
Wagons and ITU etc.</xs:documentation>
                                </xs:annotation>
                                </xs:element>
                                <xs:element name="WagonPreviousNumberFreight" minOccurs="0"
maxOccurs="20">
                                <xs:annotation>
                                <xs:documentation>Identifies the previous freight wagon if
a shipment or Intermodal unit has changed the wagon during its
journey</xs:documentation>
                                </xs:annotation>
                                <xs:simpleType>
                                <xs:restriction base="WagonIdent">
                                <xs:length value="12"/>
                                </xs:restriction>
                                </xs:simpleType>
                                </xs:element>
                                <xs:element ref="AgreedTimeOfDelivery" minOccurs="0">
                                <xs:annotation>
                                <xs:documentation>The requested Date and Time for the
delivery of a wagon/Shipment or Intermodal units at customer
sidings</xs:documentation>
                                </xs:annotation>
                                </xs:element>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>

```

element **ConsignmentOrderMessage/COMS**

diagram	COMS 1..50 Message (all bounded optional elements are bounded to obligations of legacy systems) COM_Header Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications COM Consignment order message
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc 50 content complex
children	COM_Header COM
annotation	documentation Message (all bounded optional elements are bounded to obligations of legacy systems)
source	<pre> <xs:element name="COMS" maxOccurs="50"> <xs:annotation> <xs:documentation>Message (all bounded optional elements are bounded to obligations of legacy systems)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="18">
      <xs:annotation>
        <xs:documentation>Use here a counter, any
system.</xs:documentation>
      </xs:annotation>
    </xs:maxLength>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ShipmentType">
  <xs:annotation>
    <xs:documentation>Classification of the wagon order as 'CUV', 'CIM'
or "SMGS".</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="CIM">
        <xs:annotation>
          <xs:documentation>Regular transport, according in basic to
the CIM consignment note.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="CUV">
        <xs:annotation>
          <xs:documentation>Transport of empty wagons. If loaded and
empty wagons are withing the same shipment, then the ShipmentType has to be set to
CIM. For the empty wagons the loading status has to be set in the
WagonDetails.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="SMGS"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="ConsignmentOrderType"/>
<xs:element name="COM_PreparationDatetime">
  <xs:annotation>
    <xs:documentation>Date and Time of preparation of the
COM</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:dateTime"/>
  </xs:simpleType>
</xs:element>
<xs:element name="DossierNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Internal identification number of the Wo. This
information is important to be able to identify the COM even after modifications.
Format: RRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD
= day and NNNNNNN = running number.</xs:documentation>
  </xs:annotation>

```

```

<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:length value="19"/>
    <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="VersionNumber">
  <xs:annotation>
    <xs:documentation>Message version number. This number has to be
incremented after each modification. On creation this value has to be set to
0.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="100"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PrintForm" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Which form to use for printout. CIM-CN or CIM-CN
for combined traffic. This information assures, that the same paper document will
be used for the 'duplicate of the consignment note' and the final print out of the
ECN for the consignee.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="WLT">
        <xs:annotation>
          <xs:documentation>Wagon load transport form to be used for
print-out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="CT">
        <xs:annotation>
          <xs:documentation>Combined traffic form to be used for
print-out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Intermodal" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:byte">
      <xs:pattern value="0|1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ChangeLog" minOccurs="0" maxOccurs="100">
  <xs:annotation>
    <xs:documentation>Log of changes made by the LeadRU / contractual
carrier during the transport.</xs:documentation>
  </xs:annotation>

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```

        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DateTime">
              <xs:annotation>
                <xs:documentation>DateTime, when the changes were
applied.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:dateTime"/>
              </xs:simpleType>
            </xs:element>
            <xs:element name="NumberOfModifiedVersion">
              <xs:annotation>
                <xs:documentation>Version number of the modified message (as
also written into COMHeader/COMVersionNumber).</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:int"/>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="COM">
  <xs:annotation>
    <xs:documentation>Consignment order message</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="AcceptancePoint">
        <xs:annotation>
          <xs:documentation>Description of location and time for the take
over of the consignment</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="Station"/>
            <xs:element ref="RP_Code" minOccurs="0"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
            <xs:element name="AcceptanceDate" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Date and time (month, day and hour) at
which the goods were accepted. </xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:dateTime"/>
              </xs:simpleType>
            </xs:element>
            <xs:element name="ConsignmentNumber">
              <xs:annotation>
                <xs:documentation>Running number and check digit of the

```

consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN
= running number C = check digit, </xs:documentation>

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:length value="6"/>
    <xs:pattern value="\d*[1-9]\d*"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ForwardingTrainNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Train number at shipping
  </xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="6"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="CarrierCode" type="CompanyCode">
  <xs:annotation>
    <xs:documentation>Code of the shipping carrier mentioned in
the consignment number.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeliveryPoint">
  <xs:annotation>
    <xs:documentation>Description of location and time for the hand
over of the consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Station"/>
      <xs:element ref="RP_Code" minOccurs="0"/>
      <xs:element ref="ProductionStation" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="Customers" minOccurs="2" maxOccurs="4">
  <xs:annotation>
    <xs:documentation>Information about the consignor, consignee and
freight payers. At least information about consignor and consignee has to be
given</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ConsignorDeclarations" minOccurs="0"
maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Consignors declarartions, this element contains

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either declarations of the original consignor or declarations of the LeadRU as
consignor</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="ConsignorDeclarationCode"/>
            <xs:element ref="DeclarationText" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="GeneralInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>General information about the complete
consignment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ConsignorReference" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Consignor's reference concerning the
complete consignment</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="35"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="InformationConsignee" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Information from the consignor to the
consignee relating to the consignment. This information is not to commit the
carrier.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="350"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="WagonGroupInfo" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Consignor information regarding the whole
consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="2000"/>
                        <xs:minLength value="1"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>

```

```

        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10">
      <xs:annotation>
        <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="DocumentType">
          <xs:annotation>
            <xs:documentation>Type code of attached document. The
UN/DIFACT 1001 list of codes is to be used to code accompanying
documents.</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:int">
              <xs:minInclusive value="1"/>
              <xs:maxInclusive value="999"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="DocumentInformation" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Additional information regarding the
attached document may be entered here.</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="35"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element ref="Quantity" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Amount of the documents of the specified
type.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="DocumentTypeDescription" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Description of document type, when it is
not in the UN/EDIFACT 1001 list included.</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="35"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="Filename" minOccurs="0">
          <xs:annotation>

```

```

        <xs:documentation>Filename of embedded pdf in legacy
system</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
    <xs:element ref="StatusOfDocument" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
    <xs:element name="CommercialSpecifications" minOccurs="0"
maxOccurs="5">
        <xs:annotation>
            <xs:documentation>Commercial Specification</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element ref="CommercialSpecificationCode"/>
                <xs:element name="SpecificationText" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Additional Text for codes with free
text</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:minLength value="1"/>
                            <xs:maxLength value="1000"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element name="CarrierCode" type="CompanyCode"
minOccurs="0" maxOccurs="10">
                    <xs:annotation>
                        <xs:documentation>additional carrier code belonging to the
given contract number</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="ContractNumber" minOccurs="0"
maxOccurs="10">
                    <xs:annotation>
                        <xs:documentation>additional contract number according to
the given carrier code.</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:minLength value="1">
                                <xs:annotation>
                                    <xs:documentation>has to be sent as n6 (with leading
zeros if necessary)</xs:documentation>
                                </xs:annotation>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>

```

```

        <xs:maxLength value="6"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="PrepaymentInstructions">
  <xs:annotation>
    <xs:documentation>Prepayment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PrepaymentCustomer" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element ref="PrepaidCodeCustomer"/>
            <xs:element ref="IncotermCode"/>
          </xs:choice>
        </xs:complexType>
      </xs:element>
      <xs:element ref="PrepaidcodeCarrier"/>
      <xs:element name="PaidUpTo" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charges Paid Up To ... This information is
being sent by the consignor in agreement with the contractual carrier so only one
structure is needed for field 20 and 49. The carrier is only allowed to apply changes,
when ordered by the consignor.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:complexContent>
            <xs:extension base="LocationIdent"/>
          </xs:complexContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="5">
        <xs:annotation>
          <xs:documentation>Additional Charges</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Code">
              <xs:annotation>
                <xs:documentation>Additional charges code according
CIT GLV-CIM appendix 3</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="2"/>
                  <xs:pattern value="\d*[1-9]\d*"/>

```

```

        </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="Description" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Additional charges
description</xs:documentation>
        </xs:annotation>
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                <xs:minLength value="1"/>
                <xs:maxLength value="35"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Tariff">
    <xs:annotation>
        <xs:documentation>Number of customer agreement or
tariff</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice>
            <xs:element name="ContractNumber">
                <xs:annotation>
                    <xs:documentation>Number of customer
agreement.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1">
                            <xs:annotation>
                                <xs:documentation>has to be sent as n6 (with leading
zeros if necessary)</xs:documentation>
                            </xs:annotation>
                        </xs:minLength>
                        <xs:maxLength value="6"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="TariffNumber">
                <xs:annotation>
                    <xs:documentation>Number of the tariff.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1">
                            <xs:annotation>
                                <xs:documentation>has to be sent as n6 (with leading
zeros if necessary, but without check digit)</xs:documentation>
                            </xs:annotation>
                        </xs:minLength>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:choice>
    </xs:complexType>
</xs:element>

```

```

        </xs:annotation>
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        <xs:maxLength value="6"/>
        <xs:pattern value="\d*[1-9]\d*" />
        </xs:restriction>
        </xs:simpleType>
    </xs:element>
</xs:choice>
</xs:complexType>
</xs:element>
<xs:element name="SectionalInvoicing" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Sectional Invoicing</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Section" maxOccurs="30">
                <xs:annotation>
                    <xs:documentation>Sectional Invoicing</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="InvoicingCarrierCode"
type="CompanyCode">
                            <xs:annotation>
                                <xs:documentation>Sectional invoicing
by</xs:documentation>
                                </xs:annotation>
                            </xs:element>
                        <xs:element name="InvoicedSection">
                            <xs:annotation>
                                <xs:documentation>Information about the section to be
invoiced.</xs:documentation>
                                </xs:annotation>
                            <xs:complexType>
                                <xs:choice>
                                    <xs:element name="CountryCode"
type="CountryIdentISO">
                                        <xs:annotation>
                                            <xs:documentation>Invoiced section specified
by country</xs:documentation>
                                        </xs:annotation>
                                    </xs:element>
                                    <xs:element name="SectionCarrierCode"
type="CompanyCode">
                                        <xs:annotation>
                                            <xs:documentation>Invoiced section specified
by carrier</xs:documentation>
                                        </xs:annotation>
                                    </xs:element>
                                </xs:choice>
                            </xs:complexType>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>

```



```

        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="DeclarationOfValue" minOccurs="0">
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      <xs:documentation>Details of the value of the goods and the
currency code when the value exceeds the limit given in CIM Article 30 section
2.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Amount" type="Money_Type">
          <xs:annotation>
            <xs:documentation>Amount</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="CurrencyCode" type="CurrencyCode_Type">
          <xs:annotation>
            <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="InterestInDelivery" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Details of the amount and currency code of a
special interest in delivery.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Amount" type="Money_Type">
          <xs:annotation>
            <xs:documentation>Amount</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="CurrencyCode" type="CurrencyCode_Type">
          <xs:annotation>
            <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="CashOnDelivery" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Details of the amount to be collected on delivery
and the currency code.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Amount" type="Money_Type">

```

```

        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode" type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="RouteSection" minOccurs="0" maxOccurs="30">
  <xs:annotation>
    <xs:documentation>Route sequence Sequential information about the
complete routing of the consignment, the LeadRu decides wether to provide this
information or not</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SequenceID" type="xs:int">
        <xs:annotation>
          <xs:documentation>Position of the route section in transport
chain. Used to determine the exact way of the transport for customs
purposes.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:sequence>
        <xs:element ref="RouteCode"/>
        <xs:element name="RouteText" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Description of the specific route
section</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
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              <xs:maxLength value="80"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="SpecialTreatments" minOccurs="0" maxOccurs="30"/>
<xs:element name="CustomsProcedures" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Customs procedures</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="RU_Partner" minOccurs="0">
        <xs:annotation>

```

```

        <xs:documentation>Code of the RU entrusted of customs
procedures. </xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element ref="Location"/>
</xs:sequence>
</xs:complexType>
</xs:element>
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        <xs:documentation>Customs Data</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SimplifiedTransportProcedure" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Simplified transport procedure is used
(STP).</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:boolean"/>
                </xs:simpleType>
            </xs:element>
            <xs:element name="PrincipalRU" type="CompanyCode"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Code for the principal
RU</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="CustomsSurveillance">
                <xs:annotation>
                    <xs:documentation>Good under customs
surveillance</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:boolean"/>
                </xs:simpleType>
            </xs:element>
            <xs:element name="CustomsEndorsements" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Reserved for endorsements by customs or a
consignor/consignee authorised by customs. Data element in accordance with
Regulation (EC) 1875/2006).</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
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                        <xs:maxLength value="1000"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

<xs:element name="RU_Declarations" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Carriers declaration</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="RU_Declaration" minOccurs="0"
maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Details of the carriers
declaration.</xs:documentation>
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        <xs:complexType>
          <xs:sequence>
            <xs:element name="DeclaringRU" type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Code of carrier, who added the
declaration.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="RU_DeclarationCode"/>
            <xs:element ref="DeclarationText" minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="DifferentAcceptance" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Details of the changes of the acceptance
point given by the consignor.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DifferentAcceptancePoint"
type="LocationIdent" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Variance of acceptance point given
in structure AcceptancePoint.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="DifferentAcceptanceDate"
minOccurs="0">
              <xs:annotation>
                <xs:documentation>Variance of acceptance date given
structure AcceptancePoint.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:dateTime"/>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

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      <xs:element ref="CarrierStatus"/>
      <xs:element name="CarrierCode" type="CompanyCode">
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          <xs:documentation>Railway Undertaking (Railway
Code)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ResponsibleCarrierCode" type="CompanyCode"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway Code) of the
carrier in charge.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CarrierName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of Carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="StreetNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Streetnumber of
carrier.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Street" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of street of the
carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ZIPCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Postal Code</xs:documentation>

```

```

        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
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                <xs:maxLength value="9"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="City" minOccurs="0">
        <xs:annotation>
            <xs:documentation>City/Town</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="35"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Country Code (ISO
Code)</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="SectionFrom" type="LocationIdent">
        <xs:annotation>
            <xs:documentation>Start of section to be performed by the
carrier. This can be a station OR a border crossing point.</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="SectionTo" type="LocationIdent">
        <xs:annotation>
            <xs:documentation>End of section to be performed by the
carrier. This can be a station OR a border crossing point.</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="SubContractNumber_SplitContract"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Number of customer agreement between the
responsible and the operating carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1">
                    <xs:annotation>
                        <xs:documentation>has to be sent as n6 (with leading
zeros if necessary)</xs:documentation>
                    </xs:annotation>
                </xs:minLength>
                <xs:maxLength value="6"/>
            </xs:restriction>
        </xs:simpleType>

```

```

        </xs:element>
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    <xs:attribute name="sequenceID" type="xs:int">
        <xs:annotation>
            <xs:documentation>Position of carrier during transport.
        </xs:documentation>
        </xs:annotation>
    </xs:attribute>
</xs:complexType>
</xs:element>
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    <xs:annotation>
        <xs:documentation>LeadCarrier/ Contractual
carrier</xs:documentation>
    </xs:annotation>
<xs:complexType>
    <xs:sequence>
        <xs:element name="CarrierCode" type="CompanyCode">
            <xs:annotation>
                <xs:documentation>Contractual carrier, railway undertaking
(Railway Code).</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="CarrierName" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Name of contractual
carrier</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="35"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="StreetNumber" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Streetnumber of
carrier.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
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                    <xs:maxLength value="5"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="Street" minOccurs="0">
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carrier</xs:documentation>
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            <xs:simpleType>
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                    <xs:minLength value="1"/>

```

```

        <xs:maxLength value="35"/>
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    </xs:annotation>
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        <xs:maxLength value="9"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="City" minOccurs="0">
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      <xs:documentation>City/Town</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
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    </xs:simpleType>
  </xs:element>
  <xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Country Code (ISO
Code)</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Signature" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Signature of the contractual carrier.
When missing, the shipment number (CIM: 62) shall be used for signature
purposes.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="MadeOut">
  <xs:annotation>
    <xs:documentation>Made out</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>

```



```

<xs:element name="Place">
  <xs:annotation>
    <xs:documentation>Place on which the consignment note was
made out</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="35"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Date" type="xs:date">
  <xs:annotation>
    <xs:documentation>Date at which the consignment note was
made out.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ChargesNote" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Charges note</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ChargesNoteAvailable" type="xs:boolean"/>
      <xs:element name="DateOfReturn" type="xs:date" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Date, when the destination carrier sent
the charges note back to the contractual carrier.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="TransitPeriodExtensions" minOccurs="0"
maxOccurs="30">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CodeOfCause"/>
      <xs:element name="Description" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Description for CodeOfCause no.
9.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Place">

```

```

        <xs:annotation>
          <xs:documentation>Place of the
extension.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
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            <xs:maxLength value="180"/>
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        <xs:annotation>
          <xs:documentation>Beginning of the
extension.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Ending">
        <xs:annotation>
          <xs:documentation>End of extension.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ChargingSections" maxOccurs="15">
  <xs:annotation>
    <xs:documentation>Charging section</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Start" type="LocationIdent">
        <xs:annotation>
          <xs:documentation>Start of the charging
section</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="End" type="LocationIdent">
        <xs:annotation>
          <xs:documentation>End of the charging
section</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CommercialRouteCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Route code (RIP) when the customer
agreement or the tariff applied provide for it. </xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```

	<pre> <xs:restriction base="xs:string"> <xs:length value="3"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Code for the currency of the amounts entered in the charging section.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Tariff" minOccurs="0"> <xs:annotation> <xs:documentation>Freight Charges Section Tariff</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NHMCode" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code determining the charges applicable.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Customer agreement or tariff applied</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ChargedMass" minOccurs="0"> <xs:annotation> <xs:documentation>Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="1"/> <xs:totalDigits value="8"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="measure" minOccurs="0"> </pre>

```

        <xs:simpleType>
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            <xs:enumeration value="kg"/>
            <xs:enumeration value="m2"/>
            <xs:enumeration value="m3"/>
          </xs:restriction>
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    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Exchange rate for amounts to be paid
by the consignor or consignee which are not expressed in the invoicing
currency.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
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      <xs:fractionDigits value="3"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tariff distance, expressed in km or
zones, between the stations or points corresponding to the beginning and end of the
charging section.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="KM">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed
in km, between the stations or points corresponding to the beginning and end of the
charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Zones">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed
in zones, between the stations or points corresponding to the beginning and end of
the charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>

```

```

        </xs:restriction>
        </xs:simpleType>
        </xs:element>
        </xs:choice>
        </xs:complexType>
        </xs:element>
        <xs:element name="Fee" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Supplements, fees,
deductions</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:int">
              <xs:totalDigits value="4"/>
              <xs:minInclusive value="1"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="FreightCharges" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Freight Charges (paid and
due)</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:choice>
              <xs:element name="Prepaid" type="Money_Type">
                <xs:annotation>
                  <xs:documentation>Carriage charges to be paid
by the consignor in the tariff currency.</xs:documentation>
                </xs:annotation>
              </xs:element>
              <xs:element name="Transferred" type="Money_Type">
                <xs:annotation>
                  <xs:documentation>Carriage charges to be paid
by the consignee in the tariff currency.</xs:documentation>
                </xs:annotation>
              </xs:element>
            </xs:choice>
          </xs:complexType>
        </xs:element>
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="10">
          <xs:annotation>
            <xs:documentation/>
            <xs:documentation>Sum of Prepaid</xs:documentation>
            <xs:documentation>Sum of Transferred</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element name="Code">
                <xs:annotation>
                  <xs:documentation>Additional charges

```

```

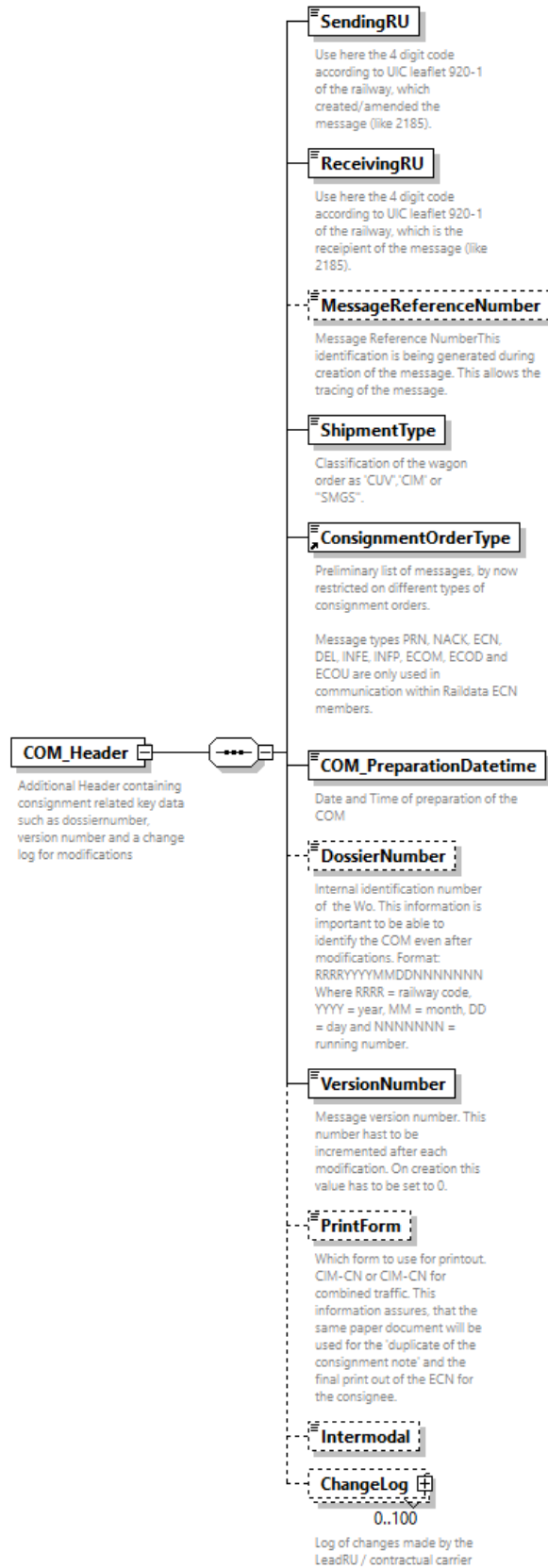
code</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="2"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:choice>
    <xs:element name="Prepaid" type="Money_Type">
        <xs:annotation>
            <xs:documentation>Prepaid</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="Transferred" type="Money_Type">
        <xs:annotation>
            <xs:documentation>Transferred</xs:documentation>
        </xs:annotation>
    </xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="Wagons" minOccurs="0" maxOccurs="99">
    <xs:annotation>
        <xs:documentation>Contains list of transported Goods, Wagons and
ITU etc.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="WagonPreviousNumberFreight" minOccurs="0"
maxOccurs="20">
    <xs:annotation>
        <xs:documentation>Identifies the previous freight wagon if a
shipment or Intermodal unit has changed the wagon during its
journey</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="WagonIdent">
            <xs:length value="12"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="AgreedTimeOfDelivery" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The requested Date and Time for the delivery of
a wagon/Shipment or Intermodal units at customer sidings</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

	<pre></xs:sequence> </xs:complexType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM_Header**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	SendingRU ReceivingRU MessageReferenceNumber ShipmentType ConsignmentOrderType COM PreparationDatetime DossierNumber VersionNumber PrintForm Intermodal ChangeLog
annotation	documentation Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications
source	<pre> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"> <xs:annotation> <xs:documentation>Use here a counter, any system.</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShipmentType"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV','CIM' or "SMGS".</xs:documentation> </xs:annotation> <xs:simpleType> </pre>

```

        <xs:restriction base="xs:token">
          <xs:enumeration value="CIM">
            <xs:annotation>
              <xs:documentation>Regular transport, according in basic to the CIM
consignment note.</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="CUV">
            <xs:annotation>
              <xs:documentation>Transport of empty wagons. If loaded and empty
wagons are withing the same shipment, then the ShipmentType has to be set to CIM.
For the empty wagons the loading status has to be set in the
WagonDetails.</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="SMGS"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="ConsignmentOrderType"/>
    <xs:element name="COM_PreparationDatetime">
      <xs:annotation>
        <xs:documentation>Date and Time of preparation of the
COM</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DossierNumber" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Internal identification number of the Wo. This
information is important to be able to identify the COM even after modifications.
Format: RRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD
= day and NNNNNNN = running number.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="19"/>
          <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="VersionNumber">
      <xs:annotation>
        <xs:documentation>Message version number. This number hast to be
incremented after each modification. On creation this value has to be set to
0.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:minInclusive value="0"/>
          <xs:maxInclusive value="100"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

```

</xs:element>
<xs:element name="PrintForm" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Which form to use for printout. CIM-CN or CIM-CN for
combined traffic. This information assures, that the same paper document will be
used for the 'duplicate of the consignment note' and the final print out of the ECN
for the consignee.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="WLT">
        <xs:annotation>
          <xs:documentation>Wagon load transport form to be used for
print-out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="CT">
        <xs:annotation>
          <xs:documentation>Combined traffic form to be used for
print-out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Intermodal" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:byte">
      <xs:pattern value="0|1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ChangeLog" minOccurs="0" maxOccurs="100">
  <xs:annotation>
    <xs:documentation>Log of changes made by the LeadRU / contractual carrier
during the transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DateTime">
        <xs:annotation>
          <xs:documentation>DateTime, when the changes were
applied.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="NumberOfModifiedVersion">
        <xs:annotation>
          <xs:documentation>Version number of the modified message (as also
written into COMHeader/COMVersionNumber).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

	<pre> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM_Header/SendingRU**

diagram	Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).												
source	<pre><xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM_Header/ReceivingRU**

diagram	 Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompanyCode
properties	content simple

facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).												
source	<pre><xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM_Header/MessageReferenceNumber**

diagram	≡ MessageReferenceNumber Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc0 maxOcc1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>18</td><td>documentation Use here a counter, any system.</td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	18	documentation Use here a counter, any system.
Kind	Value	Annotation								
minLength	1									
maxLength	18	documentation Use here a counter, any system.								
annotation	documentation Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.									
source	<pre><xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"> <xs:annotation> <xs:documentation>Use here a counter, any system.</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType></pre>									

	</xs:element>

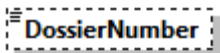
element **ConsignmentOrderMessage/COMS/COM_Header/ShipmentType**

diagram	ShipmentType Classification of the wagon order as 'CUV','CIM' or "SMGS".		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	CIM	documentation Regular transport, according in basic to the CIM consignment note.
	enumeration	CUV	documentation Transport of empty wagons. If loaded and empty wagons are withing the same shipment, then the ShipmentType has to be set to CIM. For the empty wagons the loading status has to be set in the WagonDetails.
	enumeration	SMGS	
annotation	documentation	Classification of the wagon order as 'CUV','CIM' or "SMGS".	
source	<pre><xs:element name="ShipmentType"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV','CIM' or "SMGS".</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>Regular transport, according in basic to the CIM consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CUV"> <xs:annotation> <xs:documentation>Transport of empty wagons. If loaded and empty wagons are withing the same shipment, then the ShipmentType has to be set to CIM. For the empty wagons the loading status has to be set in the WagonDetails.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SMGS"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **ConsignmentOrderMessage/COMS/COM_Header/COM_PreparationDatetime**

diagram	 COM_PreparationDatetime Date and Time of preparation of the COM
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:dateTime
properties	content simple
annotation	documentation Date and Time of preparation of the COM
source	<pre><xs:element name="COM_PreparationDatetime"> <xs:annotation> <xs:documentation>Date and Time of preparation of the COM</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM_Header/DossierNumber**

diagram	 DossierNumber Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYMMDDNNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNNN = running number.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 19 pattern \d{4}20\d{2}[0-1][0-9][0-3]\d{8}
annotation	documentation Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYMMDDNNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNNN = running number.
source	<pre><xs:element name="DossierNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format:</pre>

	RRRRYYYYMMDDNNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="19"/> <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/> </xs:restriction> </xs:simpleType> </xs:element>

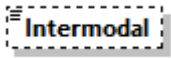
element **ConsignmentOrderMessage/COMS/COM_Header/VersionNumber**

diagram	VersionNumber Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>100</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	100									
annotation	documentation Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.									
source	<pre><xs:element name="VersionNumber"> <xs:annotation> <xs:documentation>Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

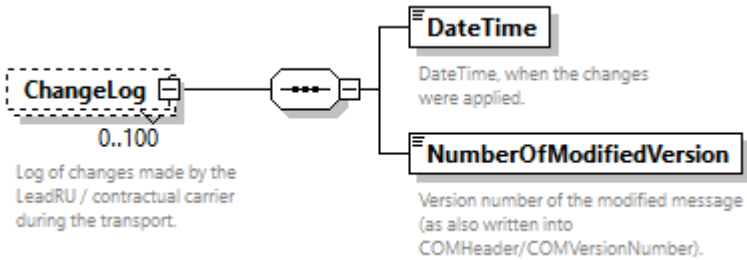
element **ConsignmentOrderMessage/COMS/COM_Header/PrintForm**

diagram	PrintForm Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	minOcc0 maxOcc1 contentsimple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>WLT</td><td>documentation Wagon load transport form to be used for print-out.</td></tr><tr><td>enumeration</td><td>CT</td><td>documentation Combined traffic form to be used for print-out.</td></tr></table>	Kind	Value	Annotation	enumeration	WLT	documentation Wagon load transport form to be used for print-out.	enumeration	CT	documentation Combined traffic form to be used for print-out.
Kind	Value	Annotation								
enumeration	WLT	documentation Wagon load transport form to be used for print-out.								
enumeration	CT	documentation Combined traffic form to be used for print-out.								
annotation	documentation Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.									
source	<pre><xs:element name="PrintForm" minOccurs="0"> <xs:annotation> <xs:documentation>Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="WLT"> <xs:annotation> <xs:documentation>Wagon load transport form to be used for print-out.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CT"> <xs:annotation> <xs:documentation>Combined traffic form to be used for print-out.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM_Header/Intermodal**

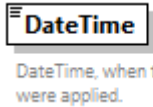
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:byte
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern 0 1
source	<pre><xs:element name="Intermodal" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:byte"> <xs:pattern value="0 1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM_Header/ChangeLog**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 100 content complex
children	DateTime NumberOfModifiedVersion
annotation	documentation Log of changes made by the LeadRU / contractual carrier during the transport.
source	<pre><xs:element name="ChangeLog" minOccurs="0" maxOccurs="100"> <xs:annotation> <xs:documentation>Log of changes made by the LeadRU / contractual carrier during the transport.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DateTime"> <xs:annotation> <xs:documentation>DateTime, when the changes were applied.</xs:documentation> </xs:annotation> </pre>

	<pre> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="NumberOfModifiedVersion"> <xs:annotation> <xs:documentation>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM_Header/ChangeLog/DateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:dateTime
properties	content simple
annotation	documentation DateTime, when the changes were applied.
source	<pre> <xs:element name="DateTime"> <xs:annotation> <xs:documentation>DateTime, when the changes were applied.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </pre>

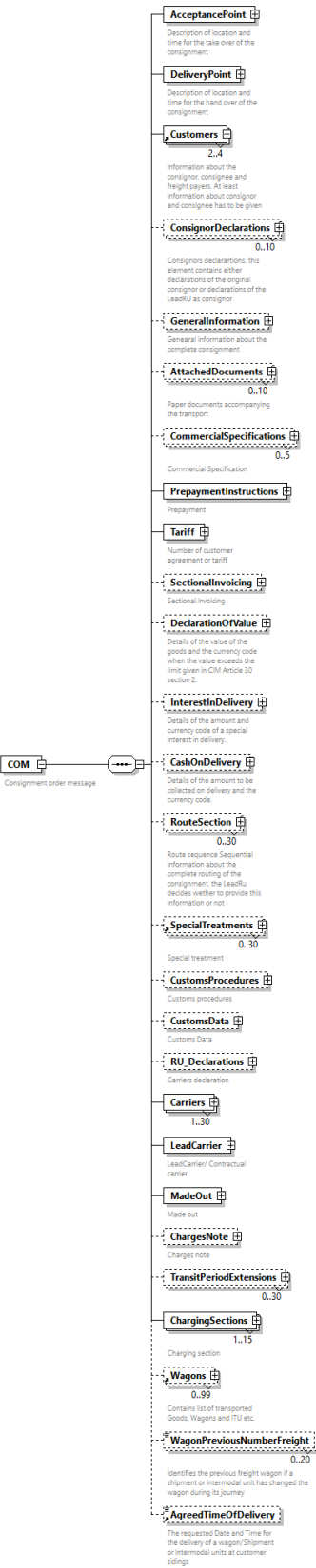
element **ConsignmentOrderMessage/COMS/COM_Header/ChangeLog/NumberOfModifiedVersion**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:int
properties	content simple

annotation	documentation Version number of the modified message (as also written into COMHeader/COMVersionNumber).
source	<pre><xs:element name="NumberOfModifiedVersion"> <xs:annotation> <xs:documentation>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	AcceptancePoint DeliveryPoint Customers ConsignorDeclarations GeneralInformation AttachedDocuments CommercialSpecifications PrepaymentInstructions Tariff SectionalInvoicing DeclarationOfValue InterestInDelivery CashOnDelivery RouteSection SpecialTreatments CustomsProcedures CustomsData RU Declarations Carriers LeadCarrier MadeOut ChargesNote TransitPeriodExtensions ChargingSections Wagons WagonPreviousNumberFreight AgreedTimeOfDelivery
annotation	documentation Consignment order message
source	<pre> <xs:element name="COM"> <xs:annotation> <xs:documentation>Consignment order message</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="AcceptancePoint"> <xs:annotation> <xs:documentation>Description of location and time for the take over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="RP_Code" minOccurs="0"/> <xs:element ref="ProductionStation" minOccurs="0"/> <xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Date and time (month, day and hour) at which the goods were accepted. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="6"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
            <xs:documentation>Code of the shipping carrier mentioned in the
consignment number.</xs:documentation>
        </xs:annotation>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeliveryPoint">
    <xs:annotation>
        <xs:documentation>Description of location and time for the hand over of
the consignment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="Station"/>
            <xs:element ref="RP_Code" minOccurs="0"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element ref="Customers" minOccurs="2" maxOccurs="4">
    <xs:annotation>
        <xs:documentation>Information about the consignor, consignee and freight
payers. At least information about consignor and consignee has to be
given</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10">
    <xs:annotation>
        <xs:documentation>Consignors declarartions, this element contains
either declarations of the original consignor or declarations of the LeadRU as
consignor</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="ConsignorDeclarationCode"/>
            <xs:element ref="DeclarationText" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="GeneralInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Genearal information about the complete
consignment</xs:documentation>
    </xs:annotation>
</xs:complexType>

```



```

<xs:sequence>
  <xs:element name="ConsignorReference" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Consignor's reference concerning the complete
consignment</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="InformationConsignee" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Information from the consignor to the consignee
relating to the consignment. This information is not to commit the
carrier.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="350"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="WagonGroupInfo" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Consignor information regarding the whole
consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="2000"/>
        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DocumentType">
        <xs:annotation>
          <xs:documentation>Type code of attached document. The UN/DIFACT
1001 list of codes is to be used to code accompanying documents.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>

```

```

        <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="DocumentInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information regarding the attached
document may be entered here.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="Quantity" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Amount of the documents of the specified
type.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="DocumentTypeDescription" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Description of document type, when it is not in
the UN/EDIFACT 1001 list included.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Filename" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Filename of embedded pdf in legacy
system</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="StatusOfDocument" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CommercialSpecifications" minOccurs="0" maxOccurs="5">
    <xs:annotation>
        <xs:documentation>Commercial Specification</xs:documentation>
    </xs:annotation>

```

```

</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="CommercialSpecificationCode"/>
    <xs:element name="SpecificationText" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Additional Text for codes with free
text</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="1000"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="CarrierCode" type="CompanyCode" minOccurs="0"
maxOccurs="10">
      <xs:annotation>
        <xs:documentation>additional carrier code belonging to the given
contract number</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ContractNumber" minOccurs="0" maxOccurs="10">
      <xs:annotation>
        <xs:documentation>additional contract number according to the
given carrier code.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1">
            <xs:annotation>
              <xs:documentation>has to be sent as n6 (with leading zeros
if necessary)</xs:documentation>
            </xs:annotation>
          </xs:minLength>
          <xs:maxLength value="6"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="PrepaymentInstructions">
  <xs:annotation>
    <xs:documentation>Prepayment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PrepaymentCustomer" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```

	<pre> <xs:choice> <xs:element ref="PrepaidCodeCustomer"/> <xs:element ref="IncotermCode"/> </xs:choice> </xs:complexType> </xs:element> <xs:element ref="PrepaidcodeCarrier"/> <xs:element name="PaidUpTo" minOccurs="0"> <xs:annotation> <xs:documentation>Charges Paid Up To ... This information is being sent by the consignor in agreement with the contractual carrier so only one structure is needed for field 20 and 49. The carrier is only allowed to apply changes, when ordered by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element> <xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Additional Charges</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code according CIT GLV-CIM appendix 3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Additional charges description</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>

```

</xs:element>
<xs:element name="Tariff">
  <xs:annotation>
    <xs:documentation>Number of customer agreement or
tariff</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="ContractNumber">
        <xs:annotation>
          <xs:documentation>Number of customer
agreement.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1">
              <xs:annotation>
                <xs:documentation>has to be sent as n6 (with leading zeros
if necessary)</xs:documentation>
              </xs:annotation>
            </xs:minLength>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="TariffNumber">
        <xs:annotation>
          <xs:documentation>Number of the tariff.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1">
              <xs:annotation>
                <xs:documentation>has to be sent as n6 (with leading zeros
if necessary, but without check digit)</xs:documentation>
              </xs:annotation>
            </xs:minLength>
            <xs:maxLength value="6"/>
            <xs:pattern value="\d*[1-9]\d*" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="SectionalInvoicing" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Sectional Invoicing</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Section" maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Sectional Invoicing</xs:documentation>
        </xs:annotation>

```

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="InvoicingCarrierCode" type="CompanyCode">
      <xs:annotation>
        <xs:documentation>Sectional invoicing
by</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="InvoicedSection">
      <xs:annotation>
        <xs:documentation>Information about the section to be
invoiced.</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:choice>
          <xs:element name="CountryCode" type="CountryIdentISO">
            <xs:annotation>
              <xs:documentation>Invoiced section specified by
country</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="SectionCarrierCode"
type="CompanyCode">
            <xs:annotation>
              <xs:documentation>Invoiced section specified by
carrier</xs:documentation>
            </xs:annotation>
          </xs:element>
        </xs:choice>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeclarationOfValue" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the value of the goods and the currency code
when the value exceeds the limit given in CIM Article 30 section
2.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode" type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="InterestInDelivery" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Details of the amount and currency code of a special
interest in delivery.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Amount" type="Money_Type">
          <xs:annotation>
            <xs:documentation>Amount</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="CurrencyCode" type="CurrencyCode_Type">
          <xs:annotation>
            <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="CashOnDelivery" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Details of the amount to be collected on delivery and
the currency code.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Amount" type="Money_Type">
          <xs:annotation>
            <xs:documentation>Amount</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="CurrencyCode" type="CurrencyCode_Type">
          <xs:annotation>
            <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="RouteSection" minOccurs="0" maxOccurs="30">
    <xs:annotation>
      <xs:documentation>Route sequence Sequential information about the
complete routing of the consignment, the LeadRu decides wether to provide this
information or not</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="SequenceID" type="xs:int">

```

```

        <xs:annotation>
            <xs:documentation>Position of the route section in transport
chain. Used to determine the exact way of the transport for customs
purposes.</xs:documentation>
        </xs:annotation>
    </xs:element>
</xs:sequence>
    <xs:element ref="RouteCode"/>
    <xs:element name="RouteText" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Description of the specific route
section</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="80"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="SpecialTreatments" minOccurs="0" maxOccurs="30"/>
<xs:element name="CustomsProcedures" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Customs procedures</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="RU_Partner" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Code of the RU entrusted of customs procedures.
</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element ref="Location"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CustomsData" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Customs Data</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SimplifiedTransportProcedure" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Simplified transport procedure is used
(STP).</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:restriction base="xs:boolean"/>
</xs:simpleType>

```



```

</xs:element>
<xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code for the principal RU</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomsSurveillance">
  <xs:annotation>
    <xs:documentation>Good under customs
surveillance</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:boolean"/>
  </xs:simpleType>
</xs:element>
<xs:element name="CustomsEndorsements" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Reserved for endorsements by customs or a
consignor/consignee authorised by customs. Data element in accordance with
Regulation (EC) 1875/2006).</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="1000"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="RU_Declarations" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Carriers declaration</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Details of the carriers
declaration.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DeclaringRU" type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Code of carrier, who added the
declaration.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="RU_DeclarationCode"/>
            <xs:element ref="DeclarationText" minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>

```

```

<xs:element name="DifferentAcceptance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the changes of the acceptance point
given by the consignor.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DifferentAcceptancePoint"
type="LocationIdent" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Variance of acceptance point given in
structure AcceptancePoint.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="DifferentAcceptanceDate" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Variance of acceptance date given
structure AcceptancePoint.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Carriers" maxOccurs="30">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CarrierStatus"/>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway
Code)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ResponsibleCarrierCode" type="CompanyCode"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway Code) of the
carrier in charge.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CarrierName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of Carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:simpleType>
      </xs:element>
      <xs:element name="StreetNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Streetnumber of carrier.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Street" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of street of the
carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ZIPCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Postal Code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="9"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="City" minOccurs="0">
        <xs:annotation>
          <xs:documentation>City/Town</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Country Code (ISO Code)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="SectionFrom" type="LocationIdent">
        <xs:annotation>
          <xs:documentation>Start of section to be performed by the carrier.

```

```

This can be a station OR a border crossing point.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionTo" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>End of section to be performed by the carrier.
This can be a station OR a border crossing point.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SubContractNumber_SplitContract" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of customer agreement between the
responsible and the operating carrier</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1">
        <xs:annotation>
          <xs:documentation>has to be sent as n6 (with leading zeros
if necessary)</xs:documentation>
        </xs:annotation>
      </xs:minLength>
      <xs:maxLength value="6"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
<xs:attribute name="sequenceID" type="xs:int">
  <xs:annotation>
    <xs:documentation>Position of carrier during transport.
</xs:documentation>
  </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="LeadCarrier">
  <xs:annotation>
    <xs:documentation>LeadCarrier/ Contractual carrier</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Contractual carrier, railway undertaking
(Railway Code).</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CarrierName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of contractual carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="StreetNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Streetnumber of carrier.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Name of street of the
carrier</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Postal Code</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="9"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
    <xs:annotation>
        <xs:documentation>City/Town</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Country Code (ISO Code)</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="Signature" minOccurs="0">
    <xs:annotation>

```

```

        <xs:documentation>Signature of the contractual carrier. When
missing, the shipment number (CIM: 62) shall be used for signature
purposes.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="MadeOut">
    <xs:annotation>
        <xs:documentation>Made out</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Place">
                <xs:annotation>
                    <xs:documentation>Place on which the consignment note was made
out</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="35"/>
                        <xs:minLength value="1"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Date" type="xs:date">
                <xs:annotation>
                    <xs:documentation>Date at which the consignment note was made
out.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="ChargesNote" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Charges note</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ChargesNoteAvailable" type="xs:boolean"/>
            <xs:element name="DateOfReturn" type="xs:date" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Date, when the destination carrier sent the
charges note back to the contractual carrier.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

    </xs:complexType>
  </xs:element>
  <xs:element name="TransitPeriodExtensions" minOccurs="0" maxOccurs="30">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="CodeOfCause"/>
        <xs:element name="Description" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Description for CodeOfCause no.
9.</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="180"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="Place">
          <xs:annotation>
            <xs:documentation>Place of the extension.</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="180"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="Beginning">
          <xs:annotation>
            <xs:documentation>Beginning of the extension.</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:dateTime"/>
          </xs:simpleType>
        </xs:element>
        <xs:element name="Ending">
          <xs:annotation>
            <xs:documentation>End of extension.</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:dateTime"/>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="ChargingSections" maxOccurs="15">
    <xs:annotation>
      <xs:documentation>Charging section</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Start" type="LocationIdent">

```

```

        <xs:annotation>
            <xs:documentation>Start of the charging
section</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="End" type="LocationIdent">
        <xs:annotation>
            <xs:documentation>End of the charging section</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="CommercialRouteCode" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Route code (RIP) when the customer agreement or
the tariff applied provide for it. </xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:length value="3"/>
                <xs:pattern value="\d*[1-9]\d*"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="CurrencyCode" type="CurrencyCode_Type">
        <xs:annotation>
            <xs:documentation>Code for the currency of the amounts entered in
the charging section.</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="Tariff" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="NHMCode" type="NHMCodeType">
                    <xs:annotation>
                        <xs:documentation>NHM code determining the charges
applicable.</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="TariffNumber">
                    <xs:annotation>
                        <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:minLength value="1"/>
                            <xs:maxLength value="6"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element name="ChargedMass" minOccurs="0">
                    <xs:annotation>

```



```

<xs:documentation>Charged mass [weight in kg]. As
appropriate, area in m² or the volume of the wagon or goods in m³ if used as the
basis for charging.</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="value">
      <xs:simpleType>
        <xs:restriction base="xs:decimal">
          <xs:minInclusive value="1"/>
          <xs:totalDigits value="8"/>
          <xs:fractionDigits value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="measure" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="kg"/>
          <xs:enumeration value="m2"/>
          <xs:enumeration value="m3"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Exchange rate for amounts to be paid by the
consignor or consignee which are not expressed in the invoicing
currency.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="18"/>
      <xs:fractionDigits value="3"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tariff distance, expressed in km or zones,
between the stations or points corresponding to the beginning and end of the charging
section.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="KM">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed in km,
between the stations or points corresponding to the beginning and end of the charging
section.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>

```

```

        <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Zones">
    <xs:annotation>
        <xs:documentation>Tariff distance, expressed in
zones, between the stations or points corresponding to the beginning and end of the
charging section.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:choice>
</xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Supplements, fees,
deductions</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:totalDigits value="4"/>
            <xs:minInclusive value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="FreightCharges" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Freight Charges (paid and
due)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice>
            <xs:element name="Prepaid" type="Money_Type">
                <xs:annotation>
                    <xs:documentation>Carriage charges to be paid by the
consignor in the tariff currency.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="Transferred" type="Money_Type">
                <xs:annotation>
                    <xs:documentation>Carriage charges to be paid by the
consignee in the tariff currency.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:choice>
    </xs:complexType>

```

```

        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="10">
    <xs:annotation>
        <xs:documentation/>
        <xs:documentation>Sum of Prepaid</xs:documentation>
        <xs:documentation>Sum of Transferred</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Code">
                <xs:annotation>
                    <xs:documentation>Additional charges
code</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="2"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:choice>
                <xs:element name="Prepaid" type="Money_Type">
                    <xs:annotation>
                        <xs:documentation>Prepaid</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="Transferred" type="Money_Type">
                    <xs:annotation>
                        <xs:documentation>Transferred</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="Wagons" minOccurs="0" maxOccurs="99">
    <xs:annotation>
        <xs:documentation>Contains list of transported Goods, Wagons and ITU
etc.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="WagonPreviousNumberFreight" minOccurs="0"
maxOccurs="20">
    <xs:annotation>
        <xs:documentation>Identifies the previous freight wagon if a shipment or
Intermodal unit has changed the wagon during its journey</xs:documentation>
    </xs:annotation>
    <xs:simpleType>

```

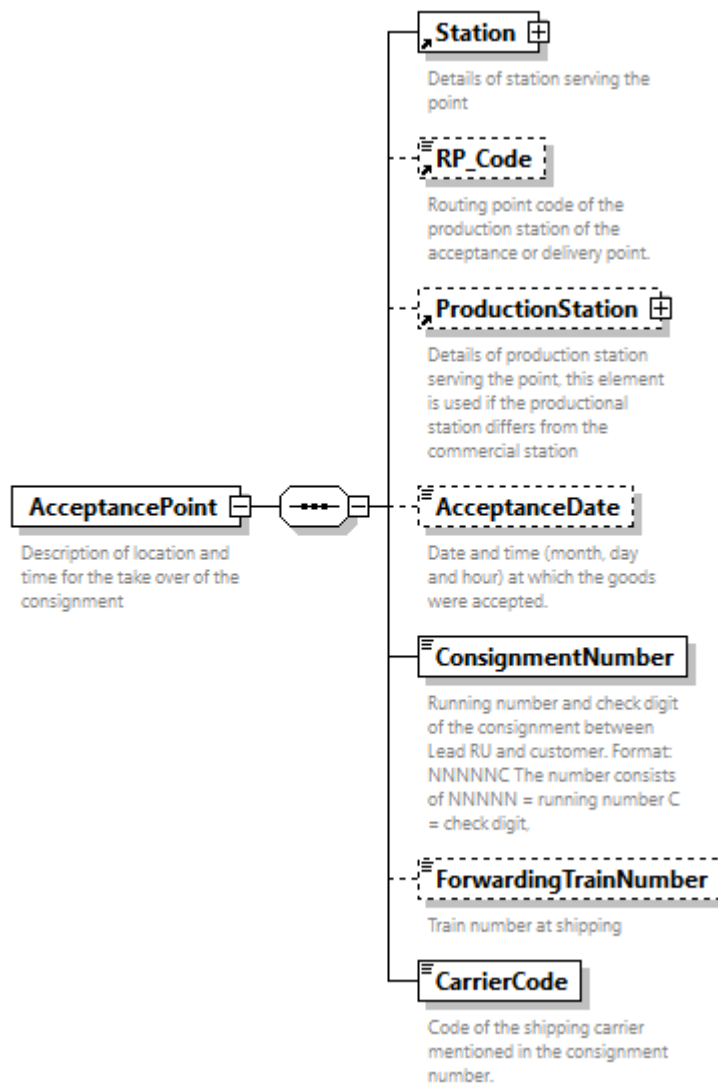
```

<xs:restriction base="WagonIdent">
  <xs:length value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="AgreedTimeOfDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The requested Date and Time for the delivery of a
wagon/Shipment or Intermodal units at customer sidings</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint**

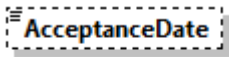
diagram



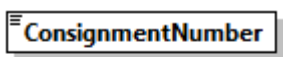
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Station RP_Code ProductionStation AcceptanceDate ConsignmentNumber ForwardingTrainNumber CarrierCode
annotation	documentation Description of location and time for the take over of the consignment
source	<pre> <xs:element name="AcceptancePoint"> <xs:annotation> <xs:documentation>Description of location and time for the take over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="RP_Code" minOccurs="0"/> <xs:element ref="ProductionStation" minOccurs="0"/> <xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Date and time (month, day and hour) at which the goods were accepted. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the shipping carrier mentioned in the </pre>

	<pre> consignment number.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/AcceptanceDate**

diagram	 Date and time (month, day and hour) at which the goods were accepted.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date and time (month, day and hour) at which the goods were accepted.
source	<pre> <xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Date and time (month, day and hour) at which the goods were accepted. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/ConsignmentNumber**

diagram	 Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNNC The number consists of NNNNNN = running number C = check digit.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
annotation	documentation

	Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit,
source	<pre> <xs:element name="ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

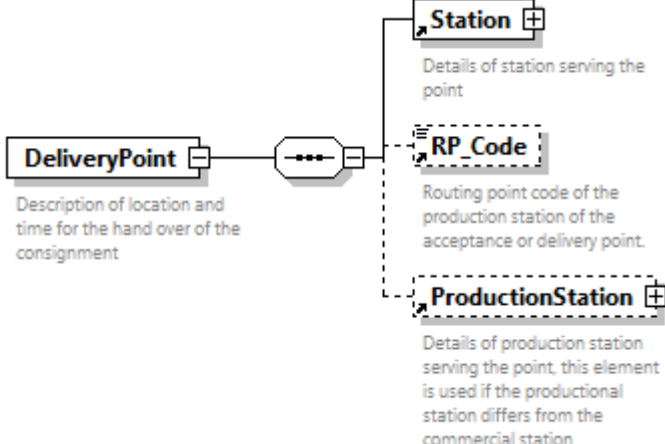
element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/ForwardingTrainNumber**

diagram	ForwardingTrainNumber Train number at shipping
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 6
annotation	documentation Train number at shipping
source	<pre><xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/CarrierCode**

diagram	CarrierCode Code of the shipping carrier mentioned in the consignment number.												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code of the shipping carrier mentioned in the consignment number.												
source	<pre><xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the shipping carrier mentioned in the consignment number.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/DeliveryPoint**

diagram	 DeliveryPoint Description of location and time for the hand over of the consignment Station Details of station serving the point RP_Code Routing point code of the production station of the acceptance or delivery point. ProductionStation Details of production station serving the point, this element is used if the productional station differs from the commercial station
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Station RP_Code ProductionStation
annotation	documentation Description of location and time for the hand over of the consignment
source	<pre><xs:element name="DeliveryPoint"> <xs:annotation> <xs:documentation>Description of location and time for the hand over of the</pre>

	<pre> consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="RP_Code" minOccurs="0"/> <xs:element ref="ProductionStation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations**

diagram	Consignors declarations, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 10 content complex
children	ConsignorDeclarationCode DeclarationText
annotation	documentation Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor
source	<pre> <xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ConsignorDeclarationCode"/> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation**

diagram	GeneralInformation General information about the complete consignment ConsignorReference Consignor's reference concerning the complete consignment InformationConsignee Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier. WagonGroupInfo Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ConsignorReference InformationConsignee WagonGroupInfo
annotation	documentation General information about the complete consignment
source	<pre> <xs:element name="GeneralInformation" minOccurs="0"> <xs:annotation> <xs:documentation>General information about the complete consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignorReference" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor's reference concerning the complete consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="InformationConsignee" minOccurs="0"> <xs:annotation> <xs:documentation>Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>

	<pre> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="WagonGroupInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2000"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation/ConsignorReference**

diagram	ConsignorReference Consignor's reference concerning the complete consignment									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Consignor's reference concerning the complete consignment									
source	<pre><xs:element name="ConsignorReference" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor's reference concerning the complete consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation/InformationConsignee**

diagram	InformationConsignee Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.
source	<pre><xs:element name="InformationConsignee" minOccurs="0"> <xs:annotation> <xs:documentation>Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation/WagonGroupInfo**

diagram	

	maxLength 2000
annotation	documentation Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.
source	<pre> <xs:element name="WagonGroupInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2000"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments**

diagram	AttachedDocuments 0..10 Paper documents accompanying the transport DocumentType Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents. DocumentInformation Additional information regarding the attached document may be entered here. Quantity Amount of the documents of the specified type. DocumentTypeDescription Description of document type, when it is not in the UN/EDIFACT 1001 list included. Filename Filename of embedded pdf in legacy system StatusOfDocument Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 10 content complex
children	DocumentType DocumentInformation Quantity DocumentTypeDescription Filename StatusOfDocument
annotation	documentation Paper documents accompanying the transport
source	<pre><xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Paper documents accompanying the transport</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DocumentType"></pre>

```

        <xs:annotation>
          <xs:documentation>Type code of attached document. The UN/DIFACT 1001 list
of codes is to be used to code accompanying documents.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="DocumentInformation" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional information regarding the attached
document may be entered here.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="Quantity" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Amount of the documents of the specified
type.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="DocumentTypeDescription" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Description of document type, when it is not in the
UN/EDIFACT 1001 list included.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Filename" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Filename of embedded pdf in legacy
system</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="StatusOfDocument" minOccurs="0"/>
    </xs:sequence>

```

	<code></xs:complexType></code> <code></xs:element></code>

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentType**

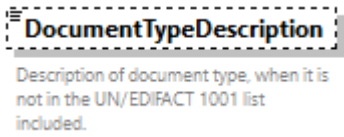
diagram	DocumentType Type code of attached document. The UN/Difact 1001 list of codes is to be used to code accompanying documents.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.									
source	<pre><xs:element name="DocumentType"> <xs:annotation> <xs:documentation>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentInformation**

diagram	DocumentInformation Additional information regarding the attached document may be entered here.						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	minOcc0 maxOcc1 contentsimple						
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1	
Kind	Value	Annotation					
minLength	1						

	maxLength 35
annotation	documentation Additional information regarding the attached document may be entered here.
source	<pre> <xs:element name="DocumentInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the attached document may be entered here.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

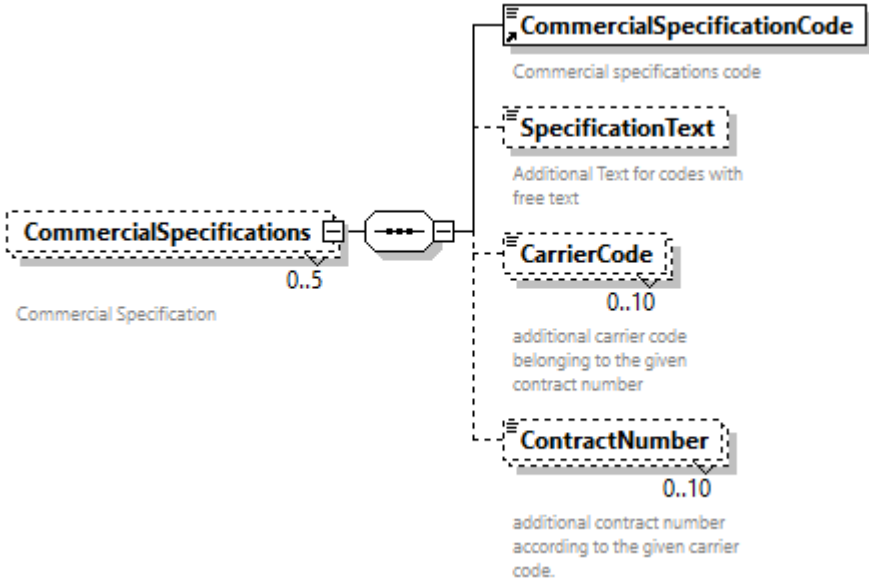
element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentTypeDescription**

diagram	 The diagram shows a dashed box labeled DocumentTypeDescription. Below the box, it says: "Description of document type, when it is not in the UN/EDIFACT 1001 list included."
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Description of document type, when it is not in the UN/EDIFACT 1001 list included.
source	<pre> <xs:element name="DocumentTypeDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Description of document type, when it is not in the UN/EDIFACT 1001 list included.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/Filename**

diagram	Filename Filename of embedded pdf in legacy system									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Filename of embedded pdf in legacy system									
source	<pre><xs:element name="Filename" minOccurs="0"> <xs:annotation> <xs:documentation>Filename of embedded pdf in legacy system</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications**

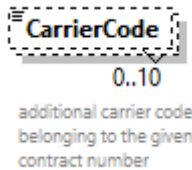
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	minOcc 0 maxOcc 5 content complex
children	CommercialSpecificationCode SpecificationText CarrierCode ContractNumber
annotation	documentation Commercial Specification
source	<pre> <xs:element name="CommercialSpecififications" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Commercial Specification</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CommercialSpecificationCode"/> <xs:element name="SpecifificationText" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="1000"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CarrierCode" type="CompanyCode" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>additional carrier code belonging to the given contract number</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ContractNumber" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>additional contract number according to the given carrier code.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/SpecificationText**

diagram	SpecificationText Additional Text for codes with free text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 1000
annotation	documentation Additional Text for codes with free text
source	<pre><xs:element name="SpecificationText" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="1000"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/CarrierCode**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	minOcc 0 maxOcc 10 content simple												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation additional carrier code belonging to the given contract number												

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	PrepaymentCustomer PrepaidcodeCarrier PaidUpTo AdditionalCharges
annotation	documentation Prepayment
source	<pre> <xs:element name="PrepaymentInstructions"> <xs:annotation> <xs:documentation>Prepayment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="PrepaymentCustomer" minOccurs="0"> <xs:annotation> <xs:documentation>Prepaidcode (given by the client)</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element ref="PrepaidCodeCustomer"/> <xs:element ref="IncotermCode"/> </xs:choice> </xs:complexType> </xs:element> <xs:element ref="PrepaidcodeCarrier"/> <xs:element name="PaidUpTo" minOccurs="0"> <xs:annotation> <xs:documentation>Charges Paid Up To ... This information is being sent by the consignor in agreement with the contractual carrier so only one structure is needed for field 20 and 49. The carrier is only allowed to apply changes, when ordered by the consignor.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Additional Charges</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

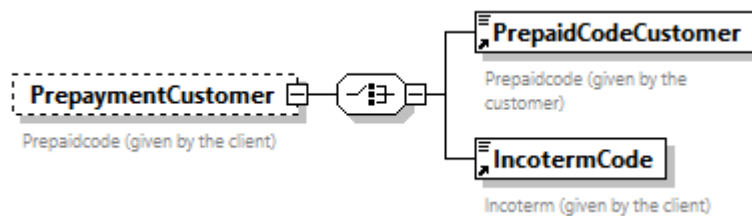
```

</xs:annotation>
<xs:complexType>
  <xs:complexContent>
    <xs:extension base="LocationIdent"/>
  </xs:complexContent>
</xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="5">
  <xs:annotation>
    <xs:documentation>Additional Charges</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Code">
        <xs:annotation>
          <xs:documentation>Additional charges code according CIT GLV-CIM
appendix 3</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="2"/>
            <xs:pattern value="\d*[1-9]\d*"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Description" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional charges
description</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PrepaymentCustomer**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	PrepaidCodeCustomer IncotermCode
annotation	documentation Prepaidcode (given by the client)
source	<pre> <xs:element name="PrepaymentCustomer" minOccurs="0"> <xs:annotation> <xs:documentation>Prepaidcode (given by the client)</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element ref="PrepaidCodeCustomer"/> <xs:element ref="IncotermCode"/> </xs:choice> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PaidUpTo**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Charges Paid Up To ... This information is being sent by the consignor in agreement with the contractual carrier so only one structure is needed for field 20 and 49. The carrier is only allowed to apply changes, when ordered by the consignor.

source	<pre> <xs:element name="PaidUpTo" minOccurs="0"> <xs:annotation> <xs:documentation>Charges Paid Up To ... This information is being sent by the consignor in agreement with the contractual carrier so only one structure is needed for field 20 and 49. The carrier is only allowed to apply changes, when ordered by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 5 content complex
children	Code Description
annotation	documentation Additional Charges
source	<pre> <xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Additional Charges</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code according CIT GLV-CIM appendix 3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Description" minOccurs="0"> <xs:annotation> </pre>

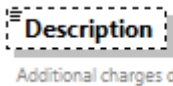
	<pre> <xs:documentation>Additional charges description</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges/Code**

diagram	Code Additional charges code according CIT GLV-CIM appendix 3									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>2</td><td></td></tr><tr><td>pattern</td><td>\d*[1-9]\d*</td><td></td></tr></table>	Kind	Value	Annotation	length	2		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	2									
pattern	\d*[1-9]\d*									
annotation	documentation Additional charges code according CIT GLV-CIM appendix 3									
source	<pre><xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code according CIT GLV-CIM appendix 3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element

ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges/Description

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

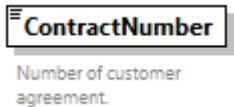
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Additional charges description
source	<pre> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Additional charges description</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/Tariff**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ContractNumber TariffNumber
annotation	documentation Number of customer agreement or tariff
source	<pre> <xs:element name="Tariff"> <xs:annotation> <xs:documentation>Number of customer agreement or tariff</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of customer agreement.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> </pre>

	<pre> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Number of the tariff.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary, but without check digit)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/Tariff/ContractNumber**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	documentation
			has to be sent as n6 (with leading zeros if necessary)
	maxLength	6	
annotation	documentation Number of customer agreement.		
source	<pre> <xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of customer agreement.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>		

	<pre> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/Tariff/TariffNumber**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	documentation has to be sent as n6 (with leading zeros if necessary, but without check digit)
	maxLength	6	
	pattern	\d*[1-9]\d*	
annotation	documentation Number of the tariff.		
source	<pre> <xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Number of the tariff.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary, but without check digit)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Section
annotation	documentation Sectional Invoicing
source	<pre> <xs:element name="SectionalInvoicing" minOccurs="0"> <xs:annotation> <xs:documentation>Sectional Invoicing</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Section" maxOccurs="30"> <xs:annotation> <xs:documentation>Sectional Invoicing</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="InvoicingCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Sectional invoicing by</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InvoicedSection"> <xs:annotation> <xs:documentation>Information about the section to be invoiced.</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="CountryCode" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Invoiced section specified by country</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SectionCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Invoiced section specified by carrier</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section**

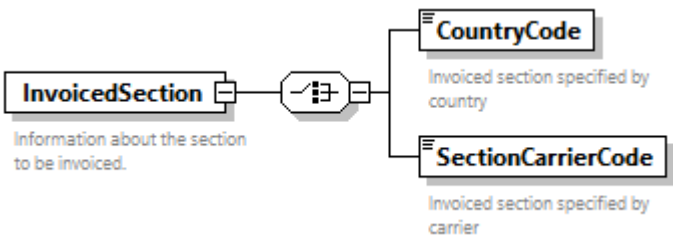
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc 30 content complex
children	InvoicingCarrierCode InvoicedSection
annotation	documentation Sectional Invoicing
source	<pre> <xs:element name="Section" maxOccurs="30"> <xs:annotation> <xs:documentation>Sectional Invoicing</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="InvoicingCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Sectional invoicing by</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InvoicedSection"> <xs:annotation> <xs:documentation>Information about the section to be invoiced.</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="CountryCode" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Invoiced section specified by country</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SectionCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Invoiced section specified by carrier</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicingCarrierCode**

diagram	InvoicingCarrierCode Sectional invoicing by												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Sectional invoicing by												
source	<pre><xs:element name="InvoicingCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Sectional invoicing by</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection**

diagram	 The diagram shows a box labeled InvoicedSection with the text "Information about the section to be invoiced." below it. To its right is a choice box (a circle with a vertical line and a horizontal line) containing two options: CountryCode (with text "Invoiced section specified by country") and SectionCarrierCode (with text "Invoiced section specified by carrier").
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CountryCode SectionCarrierCode
annotation	documentation Information about the section to be invoiced.
source	<pre> <xs:element name="InvoicedSection"> <xs:annotation> <xs:documentation>Information about the section to be </pre>

	<pre> invoiced.</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="CountryCode" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Invoiced section specified by country</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SectionCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Invoiced section specified by carrier</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre>

element

ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/CountryCode

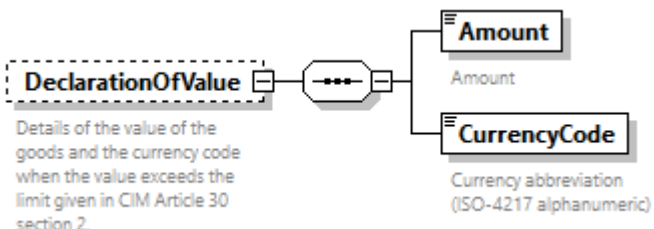
diagram	CountryCode Invoiced section specified by country									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Invoiced section specified by country									
source	<pre><xs:element name="CountryCode" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Invoiced section specified by country</xs:documentation> </xs:annotation> </xs:element></pre>									

element

ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/SectionCarrierCode

diagram	≡ SectionCarrierCode Invoiced section specified by carrier												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Invoiced section specified by carrier												
source	<pre><xs:element name="SectionCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Invoiced section specified by carrier</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/DeclarationOfValue**

diagram	 The diagram shows a box labeled 'DeclarationOfValue' with a small icon of a document with lines. Below the box, the text 'Details of the value of the goods and the currency code when the value exceeds the limit given in CIM Article 30 section 2.' is written. To the right of the box, there is a sequence container (a box with three dots) that contains two elements: 'Amount' and 'CurrencyCode'. The 'Amount' element has a small icon of a document with lines and the text 'Amount' below it. The 'CurrencyCode' element has a small icon of a document with lines and the text 'Currency abbreviation (ISO-4217 alphanumeric)' below it.						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
properties	<table><tbody><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>complex</td></tr></tbody></table>	minOcc	0	maxOcc	1	content	complex
minOcc	0						
maxOcc	1						
content	complex						
children	Amount CurrencyCode						
annotation	documentation Details of the value of the goods and the currency code when the value exceeds the limit given in CIM Article 30 section 2.						
source	<pre><xs:element name="DeclarationOfValue" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the value of the goods and the currency code when the value exceeds the limit given in CIM Article 30 section 2.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre>						

	<pre> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/Amount**

diagram	Amount Amount									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Money_Type									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>18</td><td></td></tr><tr><td>fractionDigits</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Amount									
source	<pre><xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/CurrencyCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CurrencyCode_Type		
properties	content	simple	
facets	Kind pattern	Value [A-Z][A-Z][A-Z]	Annotation

annotation	documentation Currency abbreviation (ISO-4217 alphanumeric)
source	<pre><xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element></pre>

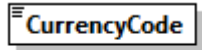
element **ConsignmentOrderMessage/COMS/COM/InterestInDelivery**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Amount CurrencyCode
annotation	documentation Details of the amount and currency code of a special interest in delivery.
source	<pre><xs:element name="InterestInDelivery" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the amount and currency code of a special interest in delivery.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/InterestInDelivery/Amount**

diagram	Amount Amount									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Money_Type									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>18</td><td></td></tr><tr><td>fractionDigits</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Amount									
source	<pre><xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element></pre>									

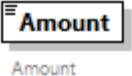
element **ConsignmentOrderMessage/COMS/COM/InterestInDelivery/CurrencyCode**

diagram	 Currency abbreviation (ISO-4217 alphanumeric)						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	CurrencyCode_Type						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>[A-Z][A-Z][A-Z]</td><td></td></tr></table>	Kind	Value	Annotation	pattern	[A-Z][A-Z][A-Z]	
Kind	Value	Annotation					
pattern	[A-Z][A-Z][A-Z]						
annotation	documentation Currency abbreviation (ISO-4217 alphanumeric)						
source	<pre><xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element></pre>						

element **ConsignmentOrderMessage/COMS/COM/CashOnDelivery**

diagram	CashOnDelivery Details of the amount to be collected on delivery and the currency code. Amount Amount CurrencyCode Currency abbreviation (ISO-4217 alphanumeric)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Amount CurrencyCode
annotation	documentation Details of the amount to be collected on delivery and the currency code.
source	<pre> <xs:element name="CashOnDelivery" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the amount to be collected on delivery and the currency code.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/CashOnDelivery/Amount**

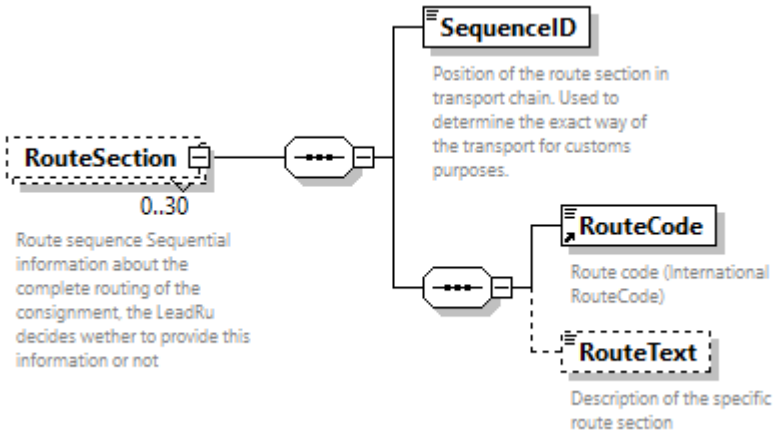
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	Money Type		
properties	content	simple	
facets	Kind	Value	Annotation
	totalDigits	18	
	fractionDigits	2	

annotation	documentation Amount
source	<pre><xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/CashOnDelivery/CurrencyCode**

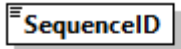
diagram	CurrencyCode Currency abbreviation (ISO-4217 alphanumeric)						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	CurrencyCode Type						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>[A-Z][A-Z][A-Z]</td><td></td></tr></table>	Kind	Value	Annotation	pattern	[A-Z][A-Z][A-Z]	
Kind	Value	Annotation					
pattern	[A-Z][A-Z][A-Z]						
annotation	documentation Currency abbreviation (ISO-4217 alphanumeric)						
source	<xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element>						

element **ConsignmentOrderMessage/COMS/COM/RouteSection**

diagram					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5				
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>30</td> </tr> </tbody> </table>	minOcc	0	maxOcc	30
minOcc	0				
maxOcc	30				

	content complex
children	SequenceID RouteCode RouteText
annotation	documentation Route sequence Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not
source	<pre> <xs:element name="RouteSection" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Route sequence Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> <xs:sequence> <xs:element ref="RouteCode"/> <xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/RouteSection/SequenceID**

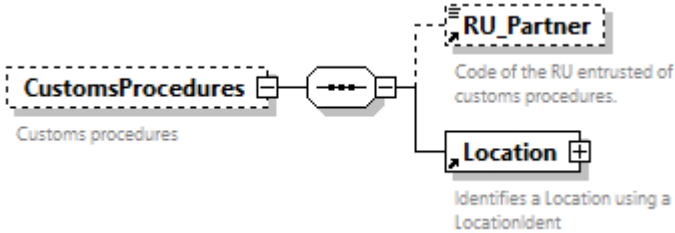
diagram	 Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:int
properties	content simple

annotation	documentation Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.
source	<pre> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/RouteSection/RouteText**

diagram	RouteText Description of the specific route section
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc0 maxOcc1 content simple
facets	KindValueAnnotation minLength1 maxLength80
annotation	documentation Description of the specific route section
source	<pre><xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/CustomsProcedures**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	RU Partner Location
annotation	documentation Customs procedures
source	<pre> <xs:element name="CustomsProcedures" minOccurs="0"> <xs:annotation> <xs:documentation>Customs procedures</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="RU_Partner" minOccurs="0"> <xs:annotation> <xs:documentation>Code of the RU entrusted of customs procedures. </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/CustomsData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	SimplifiedTransportProcedure PrincipalRU CustomsSurveillance CustomsEndorsements
annotation	documentation Customs Data

source	<pre> <xs:element name="CustomsData" minOccurs="0"> <xs:annotation> <xs:documentation>Customs Data</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SimplifiedTransportProcedure" minOccurs="0"> <xs:annotation> <xs:documentation>Simplified transport procedure is used (STP).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> <xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code for the principal RU</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CustomsSurveillance"> <xs:annotation> <xs:documentation>Good under customs surveillance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> <xs:element name="CustomsEndorsements" minOccurs="0"> <xs:annotation> <xs:documentation>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="1000"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/CustomsData/SimplifiedTransportProcedure**

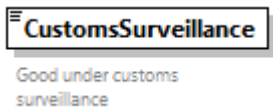
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Simplified transport procedure is used (STP).
source	<pre><xs:element name="SimplifiedTransportProcedure" minOccurs="0"> <xs:annotation> <xs:documentation>Simplified transport procedure is used (STP).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code for the principal RU												
source	<pre><xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code for the principal RU</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/CustomsData/CustomsSurveillance**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:boolean

properties	content simple
annotation	documentation Good under customs surveillance
source	<pre> <xs:element name="CustomsSurveillance"> <xs:annotation> <xs:documentation>Good under customs surveillance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/CustomsData/CustomsEndorsements**

diagram	CustomsEndorsements Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>1000</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	1000	
Kind	Value	Annotation								
minLength	1									
maxLength	1000									
annotation	documentation Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).									
source	<pre><xs:element name="CustomsEndorsements" minOccurs="0"> <xs:annotation> <xs:documentation>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="1000"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/RU_Declarations**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	RU_Declaration DifferentAcceptance
annotation	documentation Carriers declaration
source	<pre> <xs:element name="RU_Declarations" minOccurs="0"> <xs:annotation> <xs:documentation>Carriers declaration</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Details of the carriers declaration.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who added the declaration.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="RU_DeclarationCode"/> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="DifferentAcceptance" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the changes of the acceptance point given by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xs:annotation> </pre>

	<pre> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration**

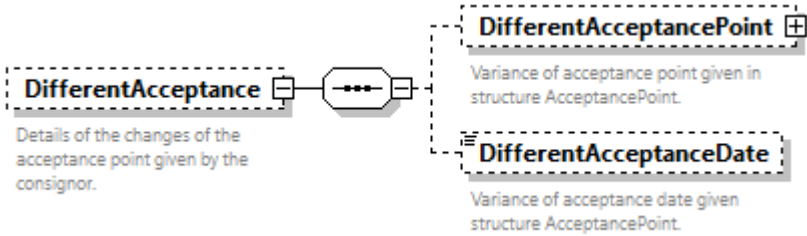
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 30 content complex
children	DeclaringRU RU_DeclarationCode DeclarationText
annotation	documentation Details of the carriers declaration.
source	<pre> <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Details of the carriers declaration.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who added the declaration.</xs:documentation> </xs:annotation> </pre>

	<pre> </xs:element> <xs:element ref="RU_DeclarationCode"/> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/DeclaringRU**

diagram	DeclaringRU Code of carrier, who added the declaration.												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code of carrier, who added the declaration.												
source	<pre><xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who added the declaration.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	DifferentAcceptancePoint DifferentAcceptanceDate
annotation	documentation Details of the changes of the acceptance point given by the consignor.

source	<pre><xs:element name="DifferentAcceptance" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the changes of the acceptance point given by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element
ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint

diagram	The diagram illustrates the structure of the LocationIdent element. It is a dashed box containing four sub-elements: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an offication language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location). A dashed box labeled DifferentAcceptancePoint (Variance of acceptance point given in structure AcceptancePoint.) is connected to the LocationIdent box via a dashed line with a circle in the middle, indicating a one-to-one relationship.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent

properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Variance of acceptance point given in structure AcceptancePoint.
source	<pre><xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation> </xs:annotation> </xs:element></pre>

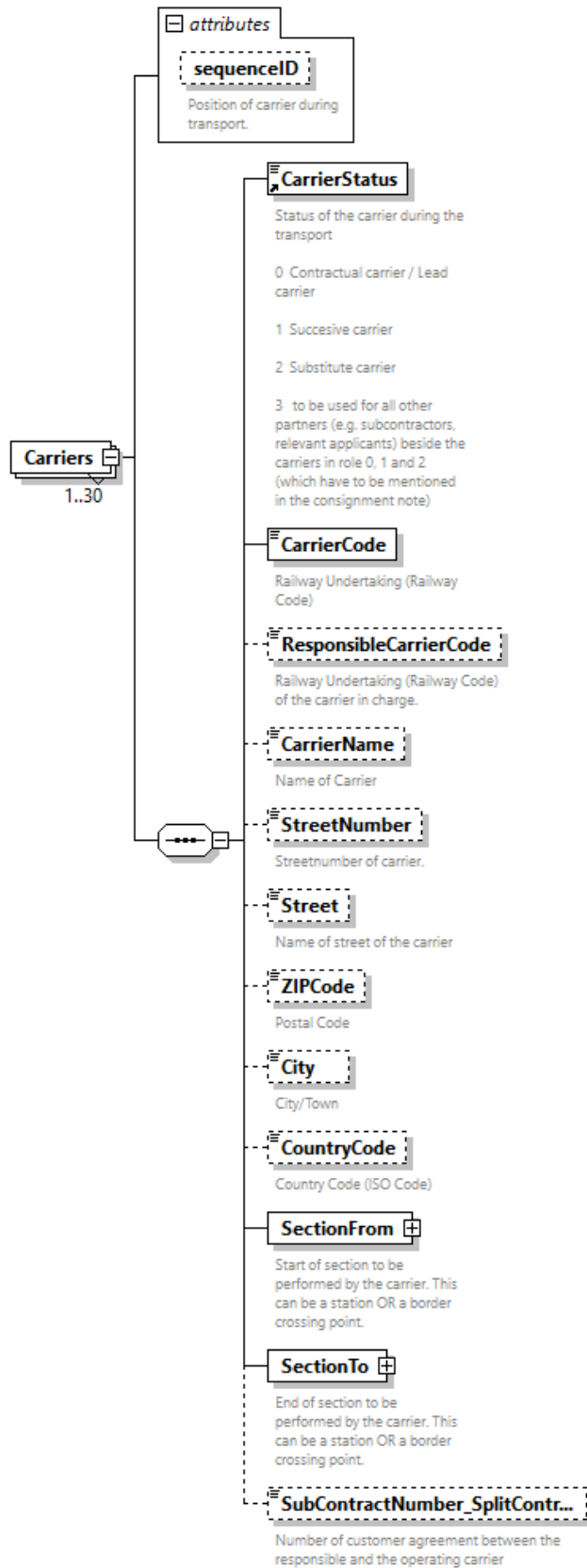
element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptanceDate

diagram	 The diagram shows a box labeled "DifferentAcceptanceDate" with a dashed border. Below the box, it says "Variance of acceptance date given structure AcceptancePoint."
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Variance of acceptance date given structure AcceptancePoint.
source	<pre><xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
properties	minOcc 1 maxOcc 30 content complex					
children	CarrierStatus CarrierCode ResponsibleCarrierCode CarrierName StreetNumber Street ZIPCode City CountryCode SectionFrom SectionTo SubContractNumber SplitContract					
attributes	Name sequenceID	Type xs:int	Use	Default	Fixed	Annotation documentation Position of carrier during transport.
source	<pre> <xs:element name="Carriers" maxOccurs="30"> <xs:complexType> <xs:sequence> <xs:element ref="CarrierStatus"/> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ResponsibleCarrierCode" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code) of the carrier in charge.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </pre>					

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="35"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Postal Code</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="9"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code (ISO Code)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionFrom" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>Start of section to be performed by the carrier. This
can be a station OR a border crossing point.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionTo" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>End of section to be performed by the carrier. This can
be a station OR a border crossing point.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SubContractNumber_SplitContract" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of customer agreement between the responsible
and the operating carrier</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1">

```

	<pre> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> <xs:attribute name="sequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of carrier during transport. </xs:documentation> </xs:annotation> </xs:attribute> </xs:complexType> </xs:element> </pre>

attribute **ConsignmentOrderMessage/COMS/COM/Carriers/@sequenceID**

type	xs:int
annotation	documentation Position of carrier during transport.
source	<pre> <xs:attribute name="sequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of carrier during transport. </xs:documentation> </xs:annotation> </xs:attribute> </pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/CarrierCode**

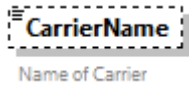
diagram	CarrierCode Railway Undertaking (Railway Code)												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Railway Undertaking (Railway Code)												
source	<xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code)</xs:documentation> </xs:annotation> </xs:element>												

	<code></xs:annotation></code> <code></xs:element></code>

element **ConsignmentOrderMessage/COMS/COM/Carriers/ResponsibleCarrierCode**

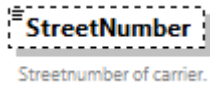
diagram	ResponsibleCarrierCode Railway Undertaking (Railway Code) of the carrier in charge.												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Railway Undertaking (Railway Code) of the carrier in charge.												
source	<xs:element name="ResponsibleCarrierCode" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code) of the carrier in charge.</xs:documentation> </xs:annotation> </xs:element>												

element **ConsignmentOrderMessage/COMS/COM/Carriers/CarrierName**

diagram	 The diagram shows a dashed box containing the text CarrierName. Below the box, it says "Name of Carrier".									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Name of Carrier									
source	<pre><xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of Carrier</xs:documentation> </xs:annotation> </xs:element></pre>									

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/StreetNumber**

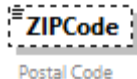
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Streetnumber of carrier.
source	<pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/Street**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	

	maxLength 35
annotation	documentation Name of street of the carrier
source	<pre> <xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/ZIPCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 9
annotation	documentation Postal Code
source	<pre><xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/City**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation City/Town
source	<pre> <xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/CountryCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CountryIdentISO
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country Code (ISO Code)
source	<pre> <xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/SectionFrom**

diagram	The diagram illustrates the structure of the SectionFrom element. It is a complex type that contains a LocationIdent element. The LocationIdent element is a complex type containing four sub-elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. SectionFrom: Start of section to be performed by the carrier. This can be a station OR a border crossing point. LocationIdent: CountryCodeISO: Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode: Location Name in an offication language of the Country using the ISO Unicode alphabet PrimaryLocationName: Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification: Code, Name and allocation company of Subsidiary Location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Start of section to be performed by the carrier. This can be a station OR a border crossing point.
source	<pre> <xs:element name="SectionFrom" type="LocationIdent"> <xs:annotation> <xs:documentation>Start of section to be performed by the carrier. This can be a station OR a border crossing point.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/SectionTo**

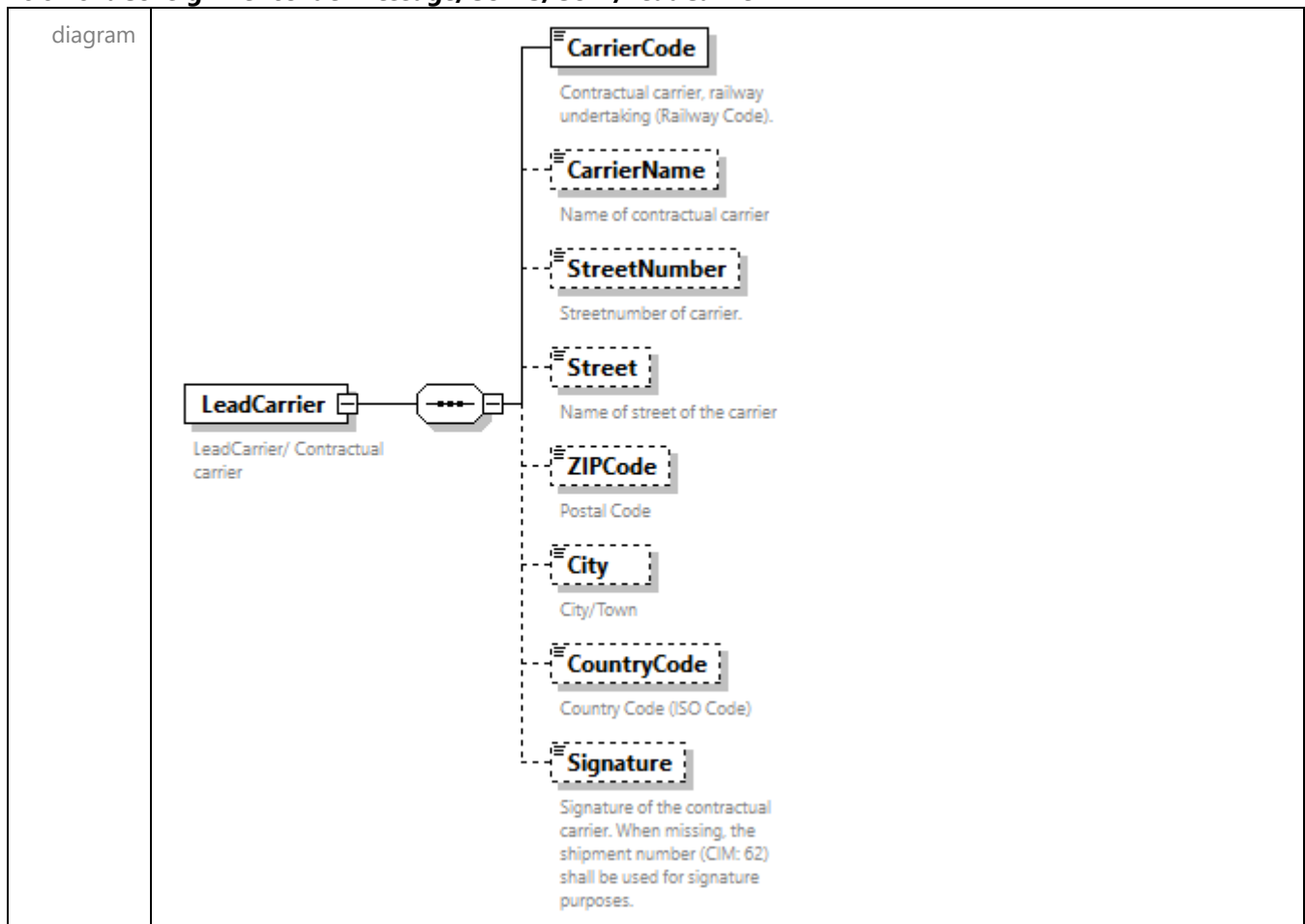
diagram	The diagram illustrates the structure of the SectionTo element. It is a container for a LocationIdent element. LocationIdent is a complex type containing four sub-elements: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an official language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation End of section to be performed by the carrier. This can be a station OR a border crossing point.
source	<pre><xs:element name="SectionTo" type="LocationIdent"> <xs:annotation> <xs:documentation>End of section to be performed by the carrier. This can be a station OR a border crossing point.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/SubContractNumber_SplitContract**

diagram	SubContractNumber_SplitContr... Number of customer agreement between the responsible and the operating carrier									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td>documentation has to be sent as n6 (with leading zeros if necessary)</td></tr><tr><td>maxLength</td><td>6</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)	maxLength	6	
Kind	Value	Annotation								
minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)								
maxLength	6									

annotation	documentation Number of customer agreement between the responsible and the operating carrier
source	<pre> <xs:element name="SubContractNumber_SplitContract" minOccurs="0"> <xs:annotation> <xs:documentation>Number of customer agreement between the responsible and the operating carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier**



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CarrierCode CarrierName StreetNumber Street ZIPCode City CountryCode Signature
annotation	documentation LeadCarrier/ Contractual carrier
source	<pre> <xs:element name="LeadCarrier"> <xs:annotation> <xs:documentation>LeadCarrier/ Contractual carrier</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Contractual carrier, railway undertaking (Railway Code).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of contractual carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> </pre>

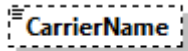
	<pre> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierCode**

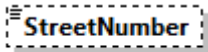
diagram	 Contractual carrier, railway undertaking (Railway Code).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompanyCode
properties	content simple

facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Contractual carrier, railway undertaking (Railway Code).												
source	<xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Contractual carrier, railway undertaking (Railway Code).</xs:documentation> </xs:annotation> </xs:element>												

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierName**

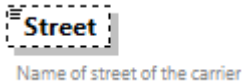
diagram	 CarrierName Name of contractual carrier
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of contractual carrier
source	<pre><xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of contractual carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/StreetNumber**

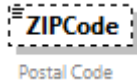
diagram	 StreetNumber Streetnumber of carrier.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Streetnumber of carrier.
source	<pre> <xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/Street**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of street of the carrier
source	<pre> <xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/ZIPCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>9</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
annotation	documentation Postal Code									
source	<pre><xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/City**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation City/Town
source	<xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType>

	<pre> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CountryCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CountryIdentISO
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country Code (ISO Code)
source	<pre><xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/Signature**

diagram	Signature Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.									

source	<pre> <xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/MadeOut**

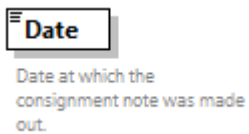
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Place Date
annotation	documentation Made out
source	<pre> <xs:element name="MadeOut"> <xs:annotation> <xs:documentation>Made out</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Place"> <xs:annotation> <xs:documentation>Place on which the consignment note was made out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date at which the consignment note was made </pre>

	<pre> out.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/MadeOut/Place**

diagram	≡ Place Place on which the consignment note was made out									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Place on which the consignment note was made out									
source	<pre><xs:element name="Place"> <xs:annotation> <xs:documentation>Place on which the consignment note was made out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/MadeOut/Date**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
annotation	documentation Date at which the consignment note was made out.

source	<pre> <xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date at which the consignment note was made out.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargesNote**

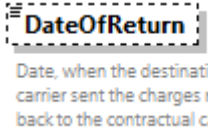
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ChargesNoteAvailable DateOfReturn
annotation	documentation Charges note
source	<pre> <xs:element name="ChargesNote" minOccurs="0"> <xs:annotation> <xs:documentation>Charges note</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ChargesNoteAvailable" type="xs:boolean"/> <xs:element name="DateOfReturn" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date, when the destination carrier sent the charges note back to the contractual carrier.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargesNote/ChargesNoteAvailable**

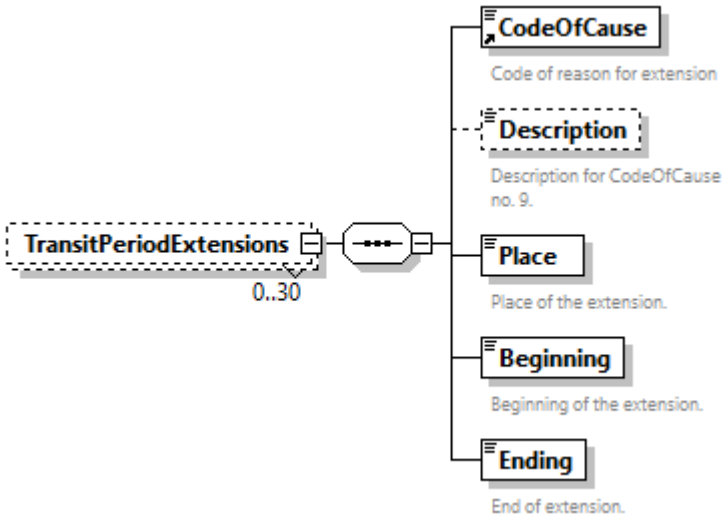
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple

source	<code><xs:element name="ChargesNoteAvailable" type="xs:boolean"/></code>

element **ConsignmentOrderMessage/COMS/COM/ChargesNote/DateOfReturn**

diagram	 DateOfReturn Date, when the destination carrier sent the charges note back to the contractual carrier.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date, when the destination carrier sent the charges note back to the contractual carrier.
source	<pre> <xs:element name="DateOfReturn" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date, when the destination carrier sent the charges note back to the contractual carrier.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions**

diagram	 TransitPeriodExtensions 0..30 CodeOfCause Code of reason for extension Description Description for CodeOfCause no. 9. Place Place of the extension. Beginning Beginning of the extension. Ending End of extension.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 30 content complex
children	CodeOfCause Description Place Beginning Ending

source	<pre><xs:element name="TransitPeriodExtensions" minOccurs="0" maxOccurs="30"> <xs:complexType> <xs:sequence> <xs:element ref="CodeOfCause"/> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Description for CodeOfCause no. 9.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Place"> <xs:annotation> <xs:documentation>Place of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Beginning"> <xs:annotation> <xs:documentation>Beginning of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="Ending"> <xs:annotation> <xs:documentation>End of extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Description**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 180
annotation	documentation Description for CodeOfCause no. 9.
source	<pre> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Description for CodeOfCause no. 9.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Place**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 180
annotation	documentation Place of the extension.
source	<pre> <xs:element name="Place"> <xs:annotation> <xs:documentation>Place of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Beginning**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:dateTime
properties	content simple
annotation	documentation Beginning of the extension.
source	<pre> <xs:element name="Beginning"> <xs:annotation> <xs:documentation>Beginning of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Ending**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:dateTime
properties	content simple
annotation	documentation End of extension.
source	<pre> <xs:element name="Ending"> <xs:annotation> <xs:documentation>End of extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections**

diagram	The diagram illustrates the structure of the ChargingSections element. It is a complex type containing a sequence of elements. The main element is ChargingSections (1..15), labeled 'Charging section'. It contains the following elements in sequence: Start (LocationIdent): Start of the charging section. End (LocationIdent): End of the charging section. CommercialRouteCode (optional): Route code (RIP) when the customer agreement or the tariff applied provide for it. CurrencyCode (optional): Code for the currency of the amounts entered in the charging section. Tariff (optional): Freight Charges Section Tariff. AdditionalCharges (0..10): Additional charges.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc 15 content complex
children	Start End CommercialRouteCode CurrencyCode Tariff AdditionalCharges
annotation	documentation Charging section
source	<pre> <xs:element name="ChargingSections" maxOccurs="15"> <xs:annotation> <xs:documentation>Charging section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Start" type="LocationIdent"> <xs:annotation> <xs:documentation>Start of the charging section</xs:documentation> </xs:annotation> </xs:element> <xs:element name="End" type="LocationIdent"> <xs:annotation> <xs:documentation>End of the charging section</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CommercialRouteCode" minOccurs="0"> <xs:annotation> <xs:documentation>Route code (RIP) when the customer agreement or the tariff applied provide for it. </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:length value="3"/>
    <xs:pattern value="\d*[1-9]\d*"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="CurrencyCode" type="CurrencyCode_Type">
  <xs:annotation>
    <xs:documentation>Code for the currency of the amounts entered in the
charging section.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Tariff" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges Section Tariff</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NHMCode" type="NHMCodeType">
        <xs:annotation>
          <xs:documentation>NHM code determining the charges
applicable.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TariffNumber">
        <xs:annotation>
          <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ChargedMass" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charged mass [weight in kg]. As appropriate,
area in m2 or the volume of the wagon or goods in m3 if used as the basis for
charging.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="value">
              <xs:simpleType>
                <xs:restriction base="xs:decimal">
                  <xs:minInclusive value="1"/>
                  <xs:totalDigits value="8"/>
                  <xs:fractionDigits value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="measure" minOccurs="0">

```

```

<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="kg"/>
    <xs:enumeration value="m2"/>
    <xs:enumeration value="m3"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Exchange rate for amounts to be paid by the
consignor or consignee which are not expressed in the invoicing
currency.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="18"/>
      <xs:fractionDigits value="3"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tariff distance, expressed in km or zones,
between the stations or points corresponding to the beginning and end of the charging
section.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="KM">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed in km, between
the stations or points corresponding to the beginning and end of the charging
section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Zones">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed in zones,
between the stations or points corresponding to the beginning and end of the charging
section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>

```

```

        </xs:restriction>
        </xs:simpleType>
        </xs:element>
        </xs:choice>
        </xs:complexType>
    </xs:element>
    <xs:element name="Fee" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Supplements, fees,
deductions</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:int">
                <xs:totalDigits value="4"/>
                <xs:minInclusive value="1"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="FreightCharges" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Freight Charges (paid and
due)</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:choice>
                <xs:element name="Prepaid" type="Money_Type">
                    <xs:annotation>
                        <xs:documentation>Carriage charges to be paid by the
consignor in the tariff currency.</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="Transferred" type="Money_Type">
                    <xs:annotation>
                        <xs:documentation>Carriage charges to be paid by the
consignee in the tariff currency.</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:choice>
        </xs:complexType>
    </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="10">
    <xs:annotation>
        <xs:documentation/>
        <xs:documentation>Sum of Prepaid</xs:documentation>
        <xs:documentation>Sum of Transferred</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Code">
                <xs:annotation>
                    <xs:documentation>Additional charges code</xs:documentation>
                </xs:annotation>

```

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:choice> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Prepaid</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Transferred</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Start**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification

annotation	documentation Start of the charging section
source	<pre><xs:element name="Start" type="LocationIdent"> <xs:annotation> <xs:documentation>Start of the charging section</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/End**

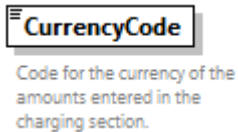
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	<u>LocationIdent</u>
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation End of the charging section
source	<pre><xs:element name="End" type="LocationIdent"> <xs:annotation> <xs:documentation>End of the charging section</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/CommercialRouteCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 3 pattern \d*[1-9]\d*
annotation	documentation Route code (RIP) when the customer agreement or the tariff applied provide for it.
source	<pre> <xs:element name="CommercialRouteCode" minOccurs="0"> <xs:annotation> <xs:documentation>Route code (RIP) when the customer agreement or the tariff applied provide for it. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="3"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/CurrencyCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	<u>CurrencyCode Type</u>
properties	content simple
facets	Kind Value Annotation pattern [A-Z][A-Z][A-Z]
annotation	documentation Code for the currency of the amounts entered in the charging section.
source	<pre> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Code for the currency of the amounts entered in the charging section.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff**

diagram	NHMCode NHM code determining the charges applicable. TariffNumber Customer agreement or tariff applied ChargedMass Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging. ExchangeRate Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency. Distance Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section. Fee Supplements, fees, deductions FreightCharges Freight Charges (paid and due) Tariff Freight Charges Section Tariff
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	NHMCode TariffNumber ChargedMass ExchangeRate Distance Fee FreightCharges
annotation	documentation Freight Charges Section Tariff
source	<pre> <xs:element name="Tariff" minOccurs="0"> <xs:annotation> <xs:documentation>Freight Charges Section Tariff</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NHMCode" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code determining the charges </pre>

```

applicable.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="TariffNumber">
  <xs:annotation>
    <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="6"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ChargedMass" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Charged mass [weight in kg]. As appropriate, area in
m² or the volume of the wagon or goods in m³ if used as the basis for
charging.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="value">
        <xs:simpleType>
          <xs:restriction base="xs:decimal">
            <xs:minInclusive value="1"/>
            <xs:totalDigits value="8"/>
            <xs:fractionDigits value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="measure" minOccurs="0">
        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:enumeration value="kg"/>
            <xs:enumeration value="m2"/>
            <xs:enumeration value="m3"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Exchange rate for amounts to be paid by the consignor
or consignee which are not expressed in the invoicing currency.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="18"/>
      <xs:fractionDigits value="3"/>
    </xs:restriction>
  </xs:simpleType>

```

```

</xs:element>
<xs:element name="Distance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tariff distance, expressed in km or zones, between the
stations or points corresponding to the beginning and end of the charging
section.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="KM">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed in km, between the
stations or points corresponding to the beginning and end of the charging
section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Zones">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed in zones, between the
stations or points corresponding to the beginning and end of the charging
section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Supplements, fees, deductions</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:totalDigits value="4"/>
      <xs:minInclusive value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="FreightCharges" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges (paid and due)</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>

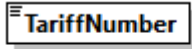
```

	<pre> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignor in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/NHMCode**

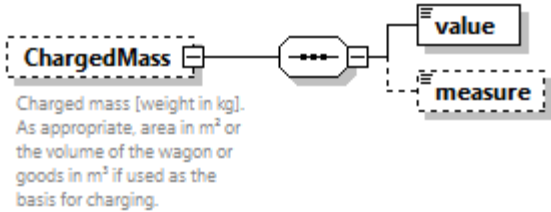
diagram	NHMCode NHM code determining the charges applicable.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	NHMCodeType									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>6</td><td></td></tr><tr><td>pattern</td><td>\d*[1-9]\d*</td><td></td></tr></table>	Kind	Value	Annotation	length	6		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	6									
pattern	\d*[1-9]\d*									
annotation	documentation NHM code determining the charges applicable.									
source	<xs:element name="NHMCode" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code determining the charges applicable.</xs:documentation> </xs:annotation> </xs:element>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/TariffNumber**

diagram	 Customer agreement or tariff applied
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

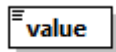
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>6</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	6	
Kind	Value	Annotation								
minLength	1									
maxLength	6									
annotation	documentation Customer agreement or tariff applied									
source	<pre><xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Customer agreement or tariff applied</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass**

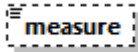
diagram	 Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	value measure
annotation	documentation Charged mass [weight in kg]. As appropriate, area in m ² or the volume of the wagon or goods in m ³ if used as the basis for charging.
source	<pre> <xs:element name="ChargedMass" minOccurs="0"> <xs:annotation> <xs:documentation>Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="1"/> <xs:totalDigits value="8"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="measure" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="kg"/> <xs:enumeration value="m2"/> <xs:enumeration value="m3"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass/value**

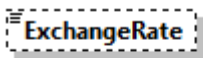
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:decimal												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>totalDigits</td><td>8</td><td></td></tr><tr><td>fractionDigits</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		totalDigits	8		fractionDigits	1	
Kind	Value	Annotation											
minInclusive	1												
totalDigits	8												
fractionDigits	1												
source	<pre><xs:element name="value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="1"/> <xs:totalDigits value="8"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass/measure**

diagram					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5				
type	restriction of xs:token				
properties	<table> <tbody> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </tbody> </table>	minOcc	0	maxOcc	1
minOcc	0				
maxOcc	1				

	content simple
facets	Kind Value Annotation enumeration kg enumeration m2 enumeration m3
source	<pre> <xs:element name="measure" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="kg"/> <xs:enumeration value="m2"/> <xs:enumeration value="m3"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ExchangeRate**

diagram	 Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:decimal
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 18 fractionDigits 3
annotation	documentation Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.
source	<pre> <xs:element name="ExchangeRate" minOccurs="0"> <xs:annotation> <xs:documentation>Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="18"/> <xs:fractionDigits value="3"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Distance**

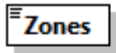
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	KM Zones
annotation	documentation Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.
source	<pre> <xs:element name="Distance" minOccurs="0"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="KM"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Zones"> <xs:annotation> <xs:documentation>Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre>

	<pre> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Distance/KM**

diagram	KM Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.									
source	<pre><xs:element name="KM"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Distance/Zones**

diagram	 Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:int		
properties	content	simple	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99	
annotation	documentation Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.		
source	<pre><xs:element name="Zones"> <xs:annotation> <xs:documentation>Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Fee**

diagram	Fee Supplements, fees, deductions									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>totalDigits</td><td>4</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		totalDigits	4	
Kind	Value	Annotation								
minInclusive	1									
totalDigits	4									
annotation	documentation Supplements, fees, deductions									
source	<pre><xs:element name="Fee" minOccurs="0"> <xs:annotation> <xs:documentation>Supplements, fees, deductions</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:totalDigits value="4"/> <xs:minInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	</xs:element>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Prepaid Transferred
annotation	documentation Freight Charges (paid and due)
source	<pre><xs:element name="FreightCharges" minOccurs="0"> <xs:annotation> <xs:documentation>Freight Charges (paid and due)</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignor in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Prepaid**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	Money_Type		
properties	content	simple	
facets	Kind	Value	Annotation
	totalDigits	18	
	fractionDigits	2	
annotation	documentation Carriage charges to be paid by the consignor in the tariff currency.		
source	<pre><xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignor in the tariff currency.</xs:documentation> </xs:annotation> </xs:element></pre>		

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Transferred**

diagram	☰ Transferred Carriage charges to be paid by the consignee in the tariff currency.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Money_Type									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>18</td><td></td></tr><tr><td>fractionDigits</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Carriage charges to be paid by the consignee in the tariff currency.									
source	<pre><xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges**

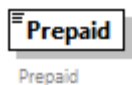
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 10 content complex
children	Code Prepaid Transferred
annotation	documentation Sum of Prepaid documentation Sum of Transferred
source	<pre> <xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation/> <xs:documentation>Sum of Prepaid</xs:documentation> <xs:documentation>Sum of Transferred</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:choice> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Prepaid</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Transferred</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<code></xs:complexType></code> <code></xs:element></code>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Code**

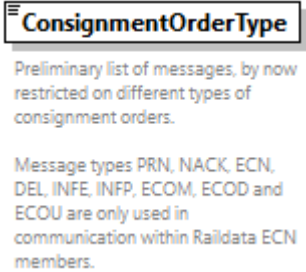
diagram	Code Additional charges code									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	2	
Kind	Value	Annotation								
minLength	1									
maxLength	2									
annotation	documentation Additional charges code									
source	<pre><xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Prepaid**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Money Type									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>18</td><td></td></tr><tr><td>fractionDigits</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Prepaid									
source	<pre><xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Prepaid</xs:documentation> </xs:annotation></pre>									

	<pre> <xs:simpleType> <xs:restriction base="WagonIdent"> <xs:length value="12"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderType**

diagram	 ConsignmentOrderType Preliminary list of messages, by now restricted on different types of consignment orders. Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOM are only used in communication within Raildata ECN members.		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	element	ConsignmentOrderMessage/COMS/COM Header	
facets	Kind	Value	Annotation
	enumeration	ECN	documentation ECN: Electronic consignment note. MessageType will be sent up to the interchange point where the transport is handed over to the next carrier involved in the transport (being ECN capable).
	enumeration	NACK	documentation NotAcknowledged. Message is only sent out by the CDS, in case an ECN is received and the next carrier who is to receive this ECN is not ECN-capable
	enumeration	PRN	documentation At the beginning of an ECN transport the shipping carrier sends the prior notification as preannouncement to all participating carriers (as far as they are able to process an ECN)
	enumeration	INFE	documentation Information ECN: This MessageType has only informative character and can be used to inform other participating carriers about changes before hand-over of the ECN.
	enumeration	INFP	documentation Information PCN: This MessageType has only informative character and may only be used to inform other participating carriers about the change from electronic transport to paper accompanied transport.
	enumeration	CANCEL	documentation The CANCEL message can only be send by the lead/contractual or the shipping carrier BEFORE the first hand-over of the ECN. By doing so, all participating carriers will receive a DEL message to inform them about the cancellation of their part of the transport.
	enumeration	DEL	documentation This message is being created by the central application, only. The receiving

	enumeration ECTD documentation carrier is being informed, that his part of the transport has been cancelled. Basic message type for transports accompanied by a paper consignment note message. enumeration EUTD documentation Basic update message type for transports accompanied by a paper consignment note message enumeration EDTD documentation Basic deletion message type for transports accompanied by a paper consignment note message. enumeration ECOM documentation Electronic consignment order message for carriers in role 3.Used for paperless transport only. enumeration ECOU documentation Update message for ECOM enumeration ECOD documentation Deletion message for ECOM
annotation	documentation Preliminary list of messages, by now restricted on different types of consignment orders. Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOU are only used in communication within Raildata ECN members.
source	<pre> <xs:element name="ConsignmentOrderType"> <xs:annotation> <xs:documentation>Preliminary list of messages, by now restricted on different types of consignment orders. Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOU are only used in communication within Raildata ECN members. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="ECN"> <xs:annotation> <xs:documentation>ECN: Electronic consignment note. MessageType will be sent up to the interchange point where the transport is handed over to the next carrier involved in the transport (being ECN capable). </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="NACK"> <xs:annotation> <xs:documentation>NotAcknowledged. Message is only sent out by the CDS, in case an ECN is received and the next carrier who is to receive this ECN is not ECN-capable</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="PRN"> <xs:annotation> <xs:documentation>At the beginning of an ECN transport the shipping carrier sends the prior notification as preannouncement to all participating carriers (as far as they are able to process an ECN)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="INFE"> </pre>

	<pre> <xs:annotation> <xs:documentation>Information ECN: This MessageType has only informative character and can be used to inform other participating carriers about changes before hand-over of the ECN.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="INFP"> <xs:annotation> <xs:documentation>Information PCN: This MessageType has only informative character and may only be used to inform other participating carriers about the change from electronic transport to paper accompanied transport.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CANCEL"> <xs:annotation> <xs:documentation>The CANCEL message can only be send by the lead/contractual or the shipping carrier BEFORE the first hand-over of the ECN. By doing so, all participating carriers will receive a DEL message to inform them about the cancellation of their part of the transport.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DEL"> <xs:annotation> <xs:documentation>This message is being created by the central application, only. The receiving carrier is being informed, that his part of the transport has been cancelled.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ECTD"> <xs:annotation> <xs:documentation>Basic message type for transports accompanied by a paper consignment note message.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="EUTD"> <xs:annotation> <xs:documentation>Basic update message type for transports accompanied by a paper consignment note message</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="EDTD"> <xs:annotation> <xs:documentation>Basic deletion message type for transports accompanied by a paper consignment note message.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ECOM"> <xs:annotation> <xs:documentation>Electronic consignment order message for carriers in role 3.Used for paperless transport only.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ECOU"> <xs:annotation> </pre>

	<pre> <xs:documentation>Update message for ECOM</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ECOD"> <xs:annotation> <xs:documentation>Deletion message for ECOM</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignorClientCode**

diagram	 The diagram shows a box labeled 'ConsignorClientCode' with a small icon to its left. Below the box, the text 'Consignor client code' is written.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
used by	elements ILU CommercialForwardingData/CommercialOrigin/Additional ILU Information WagonDataHERMES/Consignmentdata/ConsigneeInformation
facets	Kind Value Annotation minLength 1 maxLength 16
annotation	documentation Consignor client code
source	<pre> <xs:element name="ConsignorClientCode"> <xs:annotation> <xs:documentation>Consignor client code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignorClientName**

diagram	 The diagram shows a box labeled 'ConsignorClientName' with a small icon to its left. Below the box, the text 'Consignor client name' is written.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	String1-24

properties	content simple									
used by	elements ILU CommercialForwardingData/CommercialOrigin/Additional ILU Information WagonDataHERMES/Consignmentdata/ConsigneeInformation									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>24</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	24	
Kind	Value	Annotation								
minLength	1									
maxLength	24									
annotation	documentation Consignor client name									
source	<pre><xs:element name="ConsignorClientName" type="String1-24"> <xs:annotation> <xs:documentation>Consignor client name</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ConsignorDeclarationCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
used by	element ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations		
facets	Kind	Value	Annotation
	enumeration	1	documentation Consignee not-authorized to take control of the goods
	enumeration	2	documentation Authorised consignee (within the meaning of customs law)
	enumeration	3	documentation Escort(s) ... [name(s), first name(s)]
	enumeration	4	documentation Filled mass [weight]: ... (for tank-wagons refilled without having been cleaned - see RID section 5.4.1.2.2c)
	enumeration	5	documentation Emergency telephone number for irregularities or accidents with dangerous goods
	enumeration	6	documentation Not to be passed to a substitute carrier
	enumeration	7	documentation Loading by the carrier
	enumeration	8	documentation Unloading by the carrier
	enumeration	9	documentation Agreed transit period: ...
	enumeration	10	documentation Completion of administrative formalities: ... (see CIM Article 15)
	enumeration	11	documentation Exceptional consignment: ... (reference number for each of the rail

	enumeration 12 carriers/infrastructure managers involved) documentation Number of flat pallets marked "EUR" and exchangeable in the European Pallet Pool enumeration 13 documentation Number of box-pallets marked "EUR" and exchangeable in the European Box-Pallet Pool enumeration 14 documentation If the carrier's wagon sheets are used: number of sheets, abbreviation for the carrier and wagon sheet number(s) enumeration 15 documentation If the carrier's straps are used: number of straps and abbreviation for the carrier enumeration 16 documentation Other declarations: ... (designation of a representative, designation of a substitute carrier, request for attention to be given to the consignment en route, etc.) enumeration 17 documentation Shipment details for port traffic: ... enumeration 18 documentation Used for CUV transports, only. Restrictions on the operation of the wagon known to the consignor (e.g. limited speed, etc.) enumeration 24 documentation Dangerous goods packed in limited quantities the total gross mass of which exceeds eight tonnes per transport unit. enumeration 25 documentation Wagon keeper according to article 17 AVV (Name) enumeration 26 documentation Declaration for the transport of waste ... enumeration 31 documentation CH import declaration by DB Cargo enumeration 32 documentation CH import declaration by SBB Cargo enumeration 33 documentation CH import declaration by third parties enumeration 42 documentation Presentation of goods subject to an NCTS procedure to customs by ... (Railway Undertaking name / code) at ... (place name / destination customs office / station code)
annotation	documentation Carrier declaration code.
source	<pre> <xs:element name="ConsignorDeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Consignee not-authorized to take control of the goods</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> </pre>

```

        <xs:annotation>
        <xs:documentation>Authorised consignee (within the meaning of customs
law)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
        <xs:annotation>
        <xs:documentation>Escort(s) ... [name(s), first
name(s)]</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
        <xs:annotation>
        <xs:documentation>Filled mass [weight]: ... (for tank-wagons refilled
without having been cleaned - see RID section 5.4.1.2.2c)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5">
        <xs:annotation>
        <xs:documentation>Emergency telephone number for irregularities or
accidents with dangerous goods</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6">
        <xs:annotation>
        <xs:documentation>Not to be passed to a substitute
carrier</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="7">
        <xs:annotation>
        <xs:documentation>Loading by the carrier</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
        <xs:annotation>
        <xs:documentation>Unloading by the carrier</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9">
        <xs:annotation>
        <xs:documentation>Agreed transit period: ...</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
        <xs:annotation>
        <xs:documentation>Completion of administrative formalities: ... (see CIM
Article 15)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="11">
        <xs:annotation>
        <xs:documentation>Exceptional consignment: ... (reference number for
each of the rail carriers/infrastructure managers involved)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>

```



```

</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>Number of flat pallets marked "EUR" and exchangeable
in the European Pallet Pool</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Number of box-pallets marked "EUR" and exchangeable in
the European Box-Pallet Pool</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>If the carrier's wagon sheets are used: number of
sheets, abbreviation for the carrier and wagon sheet number(s)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>If the carrier's straps are used: number of straps and
abbreviation for the carrier</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>Other declarations: ... (designation of a
representative, designation of a substitute carrier, request for attention to be
given to the consignment en route, etc.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>Shipment details for port traffic:
...</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>Used for CUV transports, only. Restrictions on the
operation of the wagon known to the consignor (e.g. limited speed,
etc.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Dangerous goods packed in limited quantities the total
gross mass of which exceeds eight tonnes per transport unit.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
  <xs:annotation>
    <xs:documentation>Wagon keeper according to article 17 AVV
(Name)</xs:documentation>

```

	<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="26"> <xs:annotation> <xs:documentation>Declaration for the transport of waste ...</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="31"> <xs:annotation> <xs:documentation>CH import declaration by DB Cargo</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="32"> <xs:annotation> <xs:documentation>CH import declaration by SBB Cargo</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="33"> <xs:annotation> <xs:documentation>CH import declaration by third parties</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="42"> <xs:annotation> <xs:documentation>Presentation of goods subject to an NCTS procedure to customs by ... (Railway Undertaking name / code) at ... (place name / destination customs office / station code)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Contacts**

diagram	<pre> classDiagram class Contacts { Contact information } class PhoneNumber { Generic Phone number in Free text } class FaxNumber { Generic Fax number in Free text } class eMail { Generic eMail address in Free text } Contacts --> Container Container -.-> PhoneNumber Container -.-> FaxNumber Container -.-> eMail </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex

children	PhoneNumber FaxNumber eMail
used by	element Customers
annotation	documentation Contact information
source	<pre> <xs:element name="Contacts"> <xs:annotation> <xs:documentation>Contact information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="PhoneNumber" minOccurs="0"/> <xs:element ref="FaxNumber" minOccurs="0"/> <xs:element ref="eMail" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ContactToDriver**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element Driver									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>20</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	20	
Kind	Value	Annotation								
minLength	1									
maxLength	20									
annotation	documentation Contact to driver									
source	<pre><xs:element name="ContactToDriver"> <xs:annotation> <xs:documentation>Contact to driver</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ContainerHandlingFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element LocationPrimaryInformation
annotation	documentation This establishment is able to handle container traffic
source	<pre><xs:element name="ContainerHandlingFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>This establishment is able to handle container traffic</xs:documentation> </xs:annotation> </xs:element></pre>

element **ContractNumber**

diagram	ContractNumber Number of agreement between LeadRU and Responsible RU									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td>documentation has to be sent as n6 (with leading zeros if necessary)</td></tr><tr><td>maxLength</td><td>6</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)	maxLength	6	
Kind	Value	Annotation								
minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)								
maxLength	6									
annotation	documentation Number of agreement between LeadRU and Responsible RU									
source	<pre><xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of agreement between LeadRU and Responsible RU</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<pre> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ContractNumberMovement**

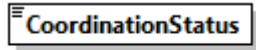
diagram	☰ ContractNumberMovement Identifies the contract between LeadRU and RU involved in the transport									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Identifies the contract between LeadRU and RU involved in the transport									
source	<xs:element name="ContractNumberMovement" type="FreeText"> <xs:annotation> <xs:documentation>Identifies the contract between LeadRU and RU involved in the transport</xs:documentation> </xs:annotation> </xs:element>									

element **CoordinatingIM**

diagram	 The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompanyCode
properties	content simple
used by	elements ObjectInfoMessage PathCanceledMessage PathConfirmedMessage PathCoordinationMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PathSectionNotificationMessage

	complexTypees CapacityModelType TCRType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs.												
source	<pre><xs:element name="CoordinatingIM" type="CompanyCode"> <xs:annotation> <xs:documentation>The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs. </xs:documentation> </xs:annotation> </xs:element></pre>												

element **CoordinationStatus**

diagram	 Defines the Status of the Coordination Process												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:token												
properties	content simple												
used by	complexType AffectedIMType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>AGREED</td><td></td></tr><tr><td>enumeration</td><td>DISAGREED</td><td></td></tr><tr><td>enumeration</td><td>OPEN</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	AGREED		enumeration	DISAGREED		enumeration	OPEN	
Kind	Value	Annotation											
enumeration	AGREED												
enumeration	DISAGREED												
enumeration	OPEN												
annotation	documentation Defines the Status of the Coordination Process												
source	<pre><xs:element name="CoordinationStatus"> <xs:annotation> <xs:documentation>Defines the Status of the Coordination Process</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="AGREED"/> <xs:enumeration value="DISAGREED"/> <xs:enumeration value="OPEN"/> </xs:restriction> </xs:simpleType></pre>												

	<code></xs:element></code>

element **Core**

diagram	Core It is the main part of identifier and is determent by the company that creates it.															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>12</td><td></td></tr><tr><td>maxLength</td><td>12</td><td></td></tr><tr><td>whiteSpace</td><td>replace</td><td></td></tr><tr><td>pattern</td><td colspan="2">[\-*0-9A-Z]{12}</td></tr></tbody></table>	Kind	Value	Annotation	minLength	12		maxLength	12		whiteSpace	replace		pattern	[\-*0-9A-Z]{12}	
Kind	Value	Annotation														
minLength	12															
maxLength	12															
whiteSpace	replace															
pattern	[\-*0-9A-Z]{12}															
annotation	documentation It is the main part of identifier and is determent by the company that creates it.															
source	<pre><xs:element name="Core"> <xs:annotation> <xs:documentation>It is the main part of identifier and is determent by the company that creates it.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="12"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="12"/> <xs:pattern value="[\-*0-9A-Z]{12}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element **CountryCodeISO**

diagram	 Identifies a County or State by code (ISO 3166-1)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of CountryIdentISO
properties	content complex
used by	elements BorderPoint ILU CommercialForwardingData/CommercialDestination CommercialDestinationOfWagon

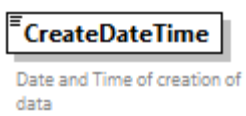
	WagonDataHERMES/Consignmentdata/CommercialForwardingData ILU CommercialForwardingData/CommercialOrigin CustomsClearingPoint DeliveryLocation RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation RollingRoadUnit/RollingRoadUnitDetails/Haulier IntermediateHandling LastTrainFormationLocation LocationFileDatasetMessage OperationalDestinationOfWagon WagonDataHERMES/Consignmentdata/OperationalOriginOfWagon SpecialInterchangeLocation TrainDestination TrainOrigin RollingRoadUnit/RollingRoadUnitDetails/Vehicles CustomerCode LocationIdent									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Identifies a County or State by code (ISO 3166-1)									
source	<pre><xs:element name="CountryCodeISO"> <xs:annotation> <xs:documentation>Identifies a County or State by code (ISO 3166-1)</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CountryIdentISO"/> </xs:simpleContent> </xs:complexType> </xs:element></pre>									

element **CouplingType**

diagram	CouplingType Classification of coupling																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																		
type	restriction of xs:token																		
properties	content simple																		
used by	elements RollingStockDataset/DesignDataSet RollingStockTechnicalData UnitTechnicalData WagonTechData WagonDataHERMES/WagonTechDataHERMES																		
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>0</td><td>documentation without coupler</td></tr><tr><td>enumeration</td><td>1</td><td>documentation non-reinforced coupler less than 85t</td></tr><tr><td>enumeration</td><td>2</td><td>documentation reinforced coupler equals to 85t</td></tr><tr><td>enumeration</td><td>3</td><td>documentation ultra-reinforced coupler greater than 85t</td></tr><tr><td>enumeration</td><td>4</td><td>documentation</td></tr></table>	Kind	Value	Annotation	enumeration	0	documentation without coupler	enumeration	1	documentation non-reinforced coupler less than 85t	enumeration	2	documentation reinforced coupler equals to 85t	enumeration	3	documentation ultra-reinforced coupler greater than 85t	enumeration	4	documentation
Kind	Value	Annotation																	
enumeration	0	documentation without coupler																	
enumeration	1	documentation non-reinforced coupler less than 85t																	
enumeration	2	documentation reinforced coupler equals to 85t																	
enumeration	3	documentation ultra-reinforced coupler greater than 85t																	
enumeration	4	documentation																	

	automatic coupling
annotation	documentation Classification of coupling
source	<pre> <xs:element name="CouplingType"> <xs:annotation> <xs:documentation>Classification of coupling</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>without coupler</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>non-reinforced coupler less than 85t</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>reinforced coupler equals to 85t</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>ultra-reinforced coupler greater than 85t</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>automatic coupling</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CreateDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Date and Time of creation of data

source	<pre> <xs:element name="CreateDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of creation of data </xs:documentation> </xs:annotation> </xs:element> </pre>

element **CustomerNumber**

diagram	CustomerNumber The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAF element									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	elements Customers LoadingFacility									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>16</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	16	
Kind	Value	Annotation								
minLength	1									
maxLength	16									
annotation	documentation The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAF element									
source	<pre><xs:element name="CustomerNumber"> <xs:annotation> <xs:documentation>The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAF element</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customers**

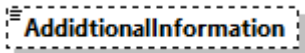
diagram	Customers Information about the consignor, consignee and freight payers. CustomerType Type of participation CustomerNumber CustomerNumber Name Generic Name in Free Text AdditionalInformation VAT VAT identification Nr of customer POBox P.O. Box StreetNumber House number Street Street Country Country Code (ISO Code) ZIPCode Postal Code City City/Town Signature Signature Contacts Contact information
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CustomerType CustomerNumber Name AdditionalInformation VAT POBox StreetNumber Street Country ZIPCode City Signature Contacts
used by	element ConsignmentOrderMessage/COMS/COM
annotation	documentation Information about the consignor, consignee and freight payers.

source

```
<xs:element name="Customers">
  <xs:annotation>
    <xs:documentation>Information about the consignor, consignee and freight
    payers.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CustomerType"/>
      <xs:element ref="CustomerNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>CustomerNumber</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="Name" minOccurs="0"/>
      <xs:element name="AddditionalInformation" minOccurs="0"/>
      <xs:element name="VAT" minOccurs="0">
        <xs:annotation>
          <xs:documentation>VAT identification Nr of customer</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="25"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="POBox" minOccurs="0">
        <xs:annotation>
          <xs:documentation>P.O. Box</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="StreetNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>House number</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Street" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Street</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
```

	<pre> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Country" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Contacts"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **Customers/AddiditionalInformation**

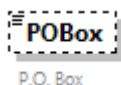
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1
source	<code><xs:element name="AddiditionalInformation" minOccurs="0"/></code>

element **Customers/VAT**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>25</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	25	
Kind	Value	Annotation								
minLength	1									
maxLength	25									
annotation	documentation VAT identification Nr of customer									
source	<pre><xs:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>VAT identification Nr of customer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customers/POBox**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc0 maxOcc1 contentsimple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									

annotation	documentation P.O. Box
source	<pre> <xs:element name="POBox" minOccurs="0"> <xs:annotation> <xs:documentation>P.O. Box</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Customers/StreetNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation House number
source	<pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>House number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Customers/Street**

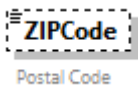
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:string									
properties	minOcc0 maxOcc1 contentsimple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Street									
source	<pre><xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Street</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customers/Country**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CountryIdentISO
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country Code (ISO Code)
source	<xs:element name="Country" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element>

element **Customers/ZIPCode**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 9
annotation	documentation Postal Code
source	<pre> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

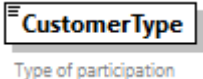
element **Customers/City**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation City/Town
source	<pre> <xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Customers/Signature**

diagram	 A diagram showing a box labeled 'Signature' with a dashed border and a small icon to its left.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Signature
source	<pre><xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **CustomerType**

diagram	 The diagram shows a box labeled "CustomerType" with a small icon to its left. Below the box, the text "Type of participation" is written.															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:token															
properties	content simple															
used by	element Customers															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>CR</td><td>documentation Consignor</td></tr><tr><td>enumeration</td><td>CE</td><td>documentation Consignee</td></tr><tr><td>enumeration</td><td>FPCR</td><td>documentation Freight payer</td></tr><tr><td>enumeration</td><td>FPCE</td><td>documentation Freight payer CE</td></tr></tbody></table>	Kind	Value	Annotation	enumeration	CR	documentation Consignor	enumeration	CE	documentation Consignee	enumeration	FPCR	documentation Freight payer	enumeration	FPCE	documentation Freight payer CE
Kind	Value	Annotation														
enumeration	CR	documentation Consignor														
enumeration	CE	documentation Consignee														
enumeration	FPCR	documentation Freight payer														
enumeration	FPCE	documentation Freight payer CE														

annotation	documentation Type of participation
source	<pre> <xs:element name="CustomerType"> <xs:annotation> <xs:documentation>Type of participation</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CR"> <xs:annotation> <xs:documentation>Consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CE"> <xs:annotation> <xs:documentation>Consignee</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="FPCR"> <xs:annotation> <xs:documentation>Freight payer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="FPCE"> <xs:annotation> <xs:documentation>Freight payer CE</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CustomsClearanceConditions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CustomsProcedure CustomsClearingPoint
used by	element LoadingSpecial
annotation	documentation Customs clearance conditions
source	<pre><xs:element name="CustomsClearanceConditions"></pre>

	<pre> <xs:annotation> <xs:documentation>Customs clearance conditions</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CustomsProcedure" minOccurs="0" maxOccurs="9"/> <xs:element ref="CustomsClearingPoint" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **CustomsClearingPoint**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TypeOfCustomsClearingPoint CountryCodeISO LocationPrimaryCode PrimaryLocationName SubsidiaryLocationType SubsidiaryLocationCode AllocationCompany LocationSubsidiaryName
used by	element CustomsClearanceConditions
annotation	documentation Customs clearing point

source	<pre> <xs:element name="CustomsClearingPoint"> <xs:annotation> <xs:documentation>Customs clearing point</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TypeOfCustomsClearingPoint" minOccurs="0"/> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element ref="SubsidiaryLocationType" minOccurs="0"/> <xs:element ref="SubsidiaryLocationCode" minOccurs="0"/> <xs:element ref="AllocationCompany" minOccurs="0"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

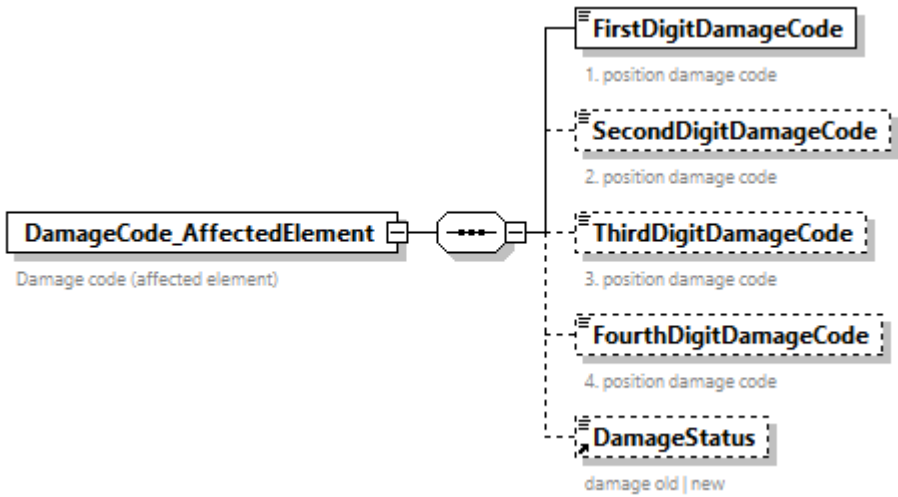
element **CustomsProcedure**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TypeOfCustomsProcedureApplied CustomsProcedureCode
used by	elements CustomsClearanceConditions ILU Data
annotation	documentation Type of customs procedure applied
source	<pre> <xs:element name="CustomsProcedure"> <xs:annotation> <xs:documentation>Type of customs procedure applied</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TypeOfCustomsProcedureApplied"/> <xs:element ref="CustomsProcedureCode" minOccurs="0" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **CustomsProcedureCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element CustomsProcedure									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>25</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	25	
Kind	Value	Annotation								
minLength	1									
maxLength	25									
annotation	documentation Customs procedure code									
source	<pre><xs:element name="CustomsProcedureCode"> <xs:annotation> <xs:documentation>Customs procedure code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DamageCode_AffectedElement**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	FirstDigitDamageCode SecondDigitDamageCode ThirdDigitDamageCode FourthDigitDamageCode

	DamageStatus
used by	element WagonDataHERMES/DamageWagonData
annotation	documentation Damage code (affected element)
source	<pre> <xs:element name="DamageCode_AffectedElement"> <xs:annotation> <xs:documentation>Damage code (affected element)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="FirstDigitDamageCode"> <xs:annotation> <xs:documentation>1. position damage code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SecondDigitDamageCode" minOccurs="0"> <xs:annotation> <xs:documentation>2. position damage code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ThirdDigitDamageCode" minOccurs="0"> <xs:annotation> <xs:documentation>3. position damage code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="FourthDigitDamageCode" minOccurs="0"> <xs:annotation> <xs:documentation>4. position damage code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:element> <xs:element ref="DamageStatus" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **DamageCode_AffectedElement/FirstDigitDamageCode**

diagram	≡ FirstDigitDamageCode 1. position damage code									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
annotation	documentation 1. position damage code									
source	<pre><xs:element name="FirstDigitDamageCode"> <xs:annotation> <xs:documentation>1. position damage code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DamageCode_AffectedElement/SecondDigitDamageCode**

diagram	 2. position damage code
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 99
annotation	documentation 2. position damage code

source	<pre> <xs:element name="SecondDigitDamageCode" minOccurs="0"> <xs:annotation> <xs:documentation>2. position damage code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **DamageCode_AffectedElement/ThirdDigitDamageCode**

diagram	ThirdDigitDamageCode 3. position damage code
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 99
annotation	documentation 3. position damage code
source	<pre><xs:element name="ThirdDigitDamageCode" minOccurs="0"> <xs:annotation> <xs:documentation>3. position damage code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **DamageCode_AffectedElement/FourthDigitDamageCode**

diagram	 The diagram shows a dashed box labeled FourthDigitDamageCode with the text "4. position damage code" below it.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short

properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99									
annotation	documentation 4. position damage code									
source	<pre><xs:element name="FourthDigitDamageCode" minOccurs="0"> <xs:annotation> <xs:documentation>4. position damage code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DamageLabel_Code**

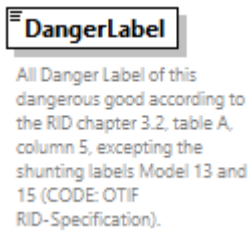
diagram	DamageLabel_Code Damage label (code)																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																					
type	restriction of xs:short																					
properties	content simple																					
used by	element WagonDataHERMES/DamageWagonData																					
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>30</td><td></td></tr><tr><td>enumeration</td><td>31</td><td></td></tr><tr><td>enumeration</td><td>32</td><td></td></tr><tr><td>enumeration</td><td>33</td><td></td></tr><tr><td>enumeration</td><td>34</td><td></td></tr><tr><td>enumeration</td><td>41</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	30		enumeration	31		enumeration	32		enumeration	33		enumeration	34		enumeration	41	
Kind	Value	Annotation																				
enumeration	30																					
enumeration	31																					
enumeration	32																					
enumeration	33																					
enumeration	34																					
enumeration	41																					
annotation	documentation Damage label (code)																					
source	<pre><xs:element name="DamageLabel_Code"> <xs:annotation> <xs:documentation>Damage label (code)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="30"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="33"/> </xs:restriction> </xs:simpleType> </xs:element></pre>																					

	<pre> <xs:enumeration value="34"/> <xs:enumeration value="41"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **DamageStatus**

diagram	DamageStatus damage old new									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element DamageCode AffectedElement									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>1</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	documentation damage old new									
source	<pre><xs:element name="DamageStatus"> <xs:annotation> <xs:documentation>damage old new</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DangerLabel**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:token
properties	content simple

used by	element complexType	RID DanGoodsType	
facets	Kind	Value	Annotation
	enumeration	1	documentation Explosive materials, divisions 1.1, 1.2 and 1.3
	enumeration	1.4	documentation Explosive materials, division 1.4
	enumeration	1.5	documentation Explosive materials, division 1.5
	enumeration	1.6	documentation Explosive materials, division 1.6
	enumeration	2.1	documentation Flammable gases
	enumeration	2.2	documentation Non-flammable, non-toxic gases
	enumeration	2.3	documentation Toxic gases
	enumeration	3	documentation Flammable liquids
	enumeration	4.1	documentation Flammable solids , self-reactive substances and solid desensitized explosives
	enumeration	4.2	documentation Substances liable to spontaneous combustion
	enumeration	4.3	documentation Substances which, in contact with water, emit flammable gases
	enumeration	5.1	documentation Oxidizing substances
	enumeration	5.2	documentation Organic peroxides
	enumeration	6.1	documentation Toxic substances
	enumeration	6.2	documentation Infectious substances
	enumeration	7A	documentation Radioactive material, category I
	enumeration	7B	documentation Radioactive material, category II
	enumeration	7C	documentation Radioactive material, category III
	enumeration	7D	documentation (obsolete) should be used for general information about class 7
	enumeration	7E	documentation Fissile radioactive material
	enumeration	8	documentation Corrosive substances
	enumeration	9	documentation Miscellaneous dangerous substances and articles
	enumeration	9A	
	enumeration	1 (+13)	
	enumeration	1 (+15)	
	enumeration	1.4+6.1	
	enumeration	1.4+6.1+8	

	enumeration 1.4+8 enumeration 1+6.1 enumeration 1+6.1 (+13) enumeration 1+6.1 (+15) enumeration 1+6.1+8 enumeration 1+8 enumeration 2.1 (+13) enumeration 2.1+6.1 enumeration 2.1+6.1+8 enumeration 2.1+6.1 enumeration 2.1+8 enumeration 2.2 (+13) enumeration 2.2+5.1+6.1 enumeration 2.2+5.1+6.1+8 enumeration 2.2+5.1+8 enumeration 2.2+6.1 enumeration 2.2+6.1+8 enumeration 2.2+5.1 enumeration 2.2+5.1 (+13) enumeration 2.2+6.1 enumeration 2.2+8 enumeration 2.3 (+13) enumeration 2.3+2.1 enumeration 2.3+2.1 (+13) enumeration 2.3+2.1+8 enumeration 2.3+2.1+8 (+13) enumeration 2.3+5.1 enumeration 2.3+5.1 (+13) enumeration 2.3+5.1+8 enumeration 2.3+5.1+8 (+13) enumeration 2.3+8 enumeration 2.3+8 (+13) enumeration 4.1+1 enumeration 5.2+1 enumeration 6.1+4.1 enumeration 6.1+8 enumeration 6.2+2.2 enumeration 7X enumeration 7X+7E enumeration 8+6.1 enumeration 9+2.2
annotation	documentation All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).

source	<pre> <xs:element name="DangerLabel"> <xs:annotation> <xs:documentation>All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Explosive materials, divisions 1.1, 1.2 and 1.3</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.4"> <xs:annotation> <xs:documentation>Explosive materials, division 1.4</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.5"> <xs:annotation> <xs:documentation>Explosive materials, division 1.5</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.6"> <xs:annotation> <xs:documentation>Explosive materials, division 1.6</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2.1"> <xs:annotation> <xs:documentation>Flammable gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2.2"> <xs:annotation> <xs:documentation>Non-flammable, non-toxic gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2.3"> <xs:annotation> <xs:documentation>Toxic gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Flammable liquids</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Flammable solids , self-reactive substances and solid desensitized explosives</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

</xs:enumeration>
<xs:enumeration value="4.2">
  <xs:annotation>
    <xs:documentation>Substances liable to spontaneous
combustion</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.3">
  <xs:annotation>
    <xs:documentation>Substances which, in contact with water, emit
flammable gases</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5.1">
  <xs:annotation>
    <xs:documentation>Oxidizing substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5.2">
  <xs:annotation>
    <xs:documentation>Organic peroxides</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6.1">
  <xs:annotation>
    <xs:documentation>Toxic substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6.2">
  <xs:annotation>
    <xs:documentation>Infectious substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7A">
  <xs:annotation>
    <xs:documentation>Radioactive material, category I</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7B">
  <xs:annotation>
    <xs:documentation>Radioactive material, category II</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7C">
  <xs:annotation>
    <xs:documentation>Radioactive material, category
III</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7D">
  <xs:annotation>
    <xs:documentation>(obsolete) should be used for general information
about class 7</xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

```

<xs:enumeration value="7E">
  <xs:annotation>
    <xs:documentation>Fissile radioactive material</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>Corrosive substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>Miscellaneous dangerous substances and
articles</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9A"/>
<xs:enumeration value="1 (+13)"/>
<xs:enumeration value="1 (+15)"/>
<xs:enumeration value="1.4+6.1"/>
<xs:enumeration value="1.4+6.1+8"/>
<xs:enumeration value="1.4+8"/>
<xs:enumeration value="1+6.1"/>
<xs:enumeration value="1+6.1 (+13)"/>
<xs:enumeration value="1+6.1 (+15)"/>
<xs:enumeration value="1+6.1+8"/>
<xs:enumeration value="1+8"/>
<xs:enumeration value="2.1 (+13)"/>
<xs:enumeration value="2.1+6.1"/>
<xs:enumeration value="2.1+6.1+8"/>
<xs:enumeration value="2.1+6.1"/>
<xs:enumeration value="2.1+8"/>
<xs:enumeration value="2.2 (+13)"/>
<xs:enumeration value="2.2+5.1+6.1"/>
<xs:enumeration value="2.2+5.1+6.1+8"/>
<xs:enumeration value="2.2+5.1+8"/>
<xs:enumeration value="2.2+6.1"/>
<xs:enumeration value="2.2+6.1+8"/>
<xs:enumeration value="2.2+5.1"/>
<xs:enumeration value="2.2+5.1 (+13)"/>
<xs:enumeration value="2.2+6.1"/>
<xs:enumeration value="2.2+8"/>
<xs:enumeration value="2.3 (+13)"/>
<xs:enumeration value="2.3+2.1"/>
<xs:enumeration value="2.3+2.1 (+13)"/>
<xs:enumeration value="2.3+2.1+8"/>
<xs:enumeration value="2.3+2.1+8 (+13)"/>
<xs:enumeration value="2.3+5.1"/>
<xs:enumeration value="2.3+5.1 (+13)"/>
<xs:enumeration value="2.3+5.1+8"/>
<xs:enumeration value="2.3+5.1+8 (+13)"/>
<xs:enumeration value="2.3+8"/>
<xs:enumeration value="2.3+8 (+13)"/>
<xs:enumeration value="4.1+1"/>
<xs:enumeration value="5.2+1"/>

```


	<pre><xs:enumeration value="6.1+4.1"/> <xs:enumeration value="6.1+8"/> <xs:enumeration value="6.2+2.2"/> <xs:enumeration value="7X"/> <xs:enumeration value="7X+7E"/> <xs:enumeration value="8+6.1"/> <xs:enumeration value="9+2.2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **DangerousGoodsIndication**

diagram

DangerousGoodsIndication

Identifies dangerous goods

DanGoodsType

HazardIdentificationNumber

This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.

UN_Number

The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".

DangerLabel

0..5

All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).

RID_Class

The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.

PackingGroup

The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".

DangerousGoodsWeight

The weight of the dangerous goods in Kilograms

DangerousGoodsVolume

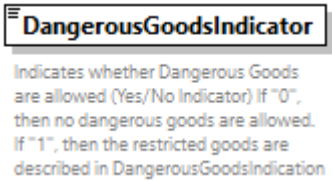
The volume of the dangerous goods in cubic meters

LimitedQuantityIndicator

Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	DanGoodsType
properties	content complex
children	HazardIdentificationNumber UN Number DangerLabel RID Class PackingGroup DangerousGoodsWeight DangerousGoodsVolume LimitedQuantityIndicator
used by	elements PassengerTrainRunningData PlannedTrainData WagonInterchangeNoticeMessage WagonInterchangeSubNoticeMessage WagonOperationalData complexType IntermodalTransportDataType
annotation	documentation Identifies dangerous goods
source	<pre><xs:element name="DangerousGoodsIndication" type="DanGoodsType"> <xs:annotation> <xs:documentation>Identifies dangerous goods</xs:documentation> </xs:annotation> </xs:element></pre>

element **DangerousGoodsIndicator**

diagram	 Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	elements GeneralParameters TrainRunningData TrainTechData
annotation	documentation Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication
source	<pre><xs:element name="DangerousGoodsIndicator" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication</xs:documentation> </xs:annotation> </xs:element></pre>

element **DangerousGoodsVolume**

diagram	 The volume of the dangerous goods in cubic meters

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	VolumeValue
properties	content simple
used by	element SummaryOFGoodsWithSameRID
annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre><xs:element name="DangerousGoodsVolume" type="VolumeValue"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element></pre>

element **DangerousGoodsWeight**

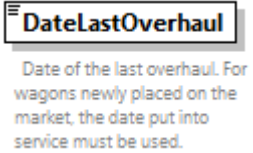
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	WeightValueKilo		
properties	content simple		
used by	elements	ListOfDangerousGoods RID SummaryOFGoodsWithSameRID	
	complexType	DanGoodsType	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	999999	
	whiteSpace	collapse	
annotation	documentation The weight of dangerous goods in kilograms		
source	<pre><xs:element name="DangerousGoodsWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The weight of dangerous goods in kilograms</xs:documentation> </xs:annotation> </xs:element></pre>		

element **Date**

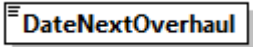
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	xs:date		

properties	content simple
annotation	documentation Date
source	<pre><xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date</xs:documentation> </xs:annotation> </xs:element></pre>

element **DateLastOverhaul**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
used by	element RollingStockDataset/DesignDataSet
annotation	documentation Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used.
source	<pre><xs:element name="DateLastOverhaul" type="xs:date"> <xs:annotation> <xs:documentation> Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used. </xs:documentation> </xs:annotation> </xs:element></pre>

element **DateNextOverhaul**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
source	<pre><xs:element name="DateNextOverhaul" type="xs:date"/></pre>

element **DateOfLastOverhaul**

diagram	 The diagram shows a box labeled DateOfLastOverhaul with the text "Date of last overhaul" below it.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:date
properties	content simple
used by	element Overhaul
annotation	documentation Date of last overhaul
source	<pre><xs:element name="DateOfLastOverhaul"> <xs:annotation> <xs:documentation>Date of last overhaul</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:date"/> </xs:simpleType> </xs:element></pre>

element **DatePutIntoService**

diagram	 The diagram shows a box labeled DatePutIntoService with the text "Original Date of first operation" below it.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
used by	element RollingStockDataset/AdministrativeDataSet
annotation	documentation Original Date of first operation
source	<pre><xs:element name="DatePutIntoService" type="xs:date"> <xs:annotation> <xs:documentation>Original Date of first operation</xs:documentation> </xs:annotation> </xs:element></pre>

element **DateTimeLastCompleteBrakeTest**

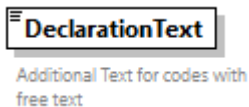
diagram	 The diagram shows a box labeled DateTimeLastCompleteBrakeTe... with the text "Daten and time of the last complete brake test" below it.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:dateTime
properties	content simple
used by	element TrainTechData
facets	Kind Value Annotation pattern .+\+0[0-9]:00
annotation	documentation Daten and time of the last complete brake test
source	<pre> <xs:element name="DateTimeLastCompleteBrakeTest"> <xs:annotation> <xs:documentation>Daten and time of the last complete brake test</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"> <xs:pattern value=".\+\+0[0-9]:00"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **DateTimeOfRestriction**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element LocationOfRestrictionDetection
annotation	documentation Date and time when the restriction or defect is detected
source	<pre> <xs:element name="DateTimeOfRestriction" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and time when the restriction or defect is detected</xs:documentation> </xs:annotation> </xs:element> </pre>

element **DeclarationText**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:string		
properties	content	simple	
used by	elements	ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	1000	
annotation	documentation Additional Text for codes with free text		
source	<pre><xs:element name="DeclarationText"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="1000"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **DelayCause**

diagram	 This element identifies the reason for a delay (modified DelayReason)		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	DelayCode		
properties	content simple		
used by	elements DelayCauseTime TrainReadyMessage/TrainReadyStatus TrainReadyStatus		
facets	Kind	Value	Annotation
	enumeration	11	documentation Formation of trains if managed by infrastructure manager
	enumeration	10	documentation Timetable compilation
	enumeration	12	documentation Mistakes in operational procedures
	enumeration	13	documentation Wrong application of priority rules
	enumeration	14	
	enumeration	18	documentation Staff
	enumeration	19	documentation Other causes related to the operational planning and management
	enumeration	20	documentation Signalling installations

	enumeration	21	documentation Signalling installations at level crossings
	enumeration	22	documentation Telecommunication installations
	enumeration	23	documentation Power supply equipment
	enumeration	24	documentation Track
	enumeration	25	documentation Structures
	enumeration	28	documentation Staff
	enumeration	29	documentation Other causes related to infrastructure installations
	enumeration	31	documentation Irregularities in execution of construction work
	enumeration	30	documentation Planned construction work
	enumeration	32	documentation Speed restrictions due to defective track
	enumeration	39	documentation Other causes related to Civil engineering
	enumeration	40	documentation Delay caused by next IM
	enumeration	41	documentation Delay caused by previous IM
	enumeration	50	documentation exceeding the stop time
	enumeration	51	documentation Request of the RU
	enumeration	52	documentation Loading operations
	enumeration	53	documentation Loading irregularities
	enumeration	54	documentation Commercial preparation of the train
	enumeration	58	documentation Staff
	enumeration	59	documentation Other causes related to commercial causes
	enumeration	60	documentation Roster planning/re-rostering
	enumeration	61	documentation Formation of trains by the RU
	enumeration	62	documentation Problems affecting coaches
	enumeration	63	documentation Problems affecting wagons
	enumeration	64	documentation Problems affecting traction units
	enumeration	68	documentation Staff
	enumeration	69	documentation Other causes related to Rolling Stock

	enumeration 70 documentation Delay caused by next RU enumeration 71 documentation Delay caused by previous RU enumeration 80 documentation Strike enumeration 81 documentation Administrative formalites enumeration 82 documentation Outside influence enumeration 83 documentation Effects of weather and natural causes enumeration 84 documentation Delay caused by external reasons on the next network enumeration 89 documentation Other external causes enumeration 90 documentation Dangerous incidents, accidents and hazards enumeration 91 documentation Track occupation caused by the lateness of the same train enumeration 92 documentation Track occupation caused by the lateness of another train enumeration 93 documentation Turn round enumeration 94 documentation Connection enumeration 95 documentation Further investigation needed
annotation	documentation This element identifies the reason for a delay (modified DelayReason)
source	<pre><xs:element name="DelayCause" type="DelayCode"> <xs:annotation> <xs:documentation>This element identifies the reason for a delay (modified DelayReason)</xs:documentation> </xs:annotation> </xs:element></pre>

element **DelayCauseTime**

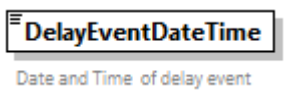
diagram	DelayCauseTime Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime) DelayCause Describes the reason for a delay DelayMinutes Identifies the delay (in minutes) of a train for a specified cause DelayEventDateTime Date and Time of delay event InternalReferenceIdentifier The link to the System Reference DelayCodingDateTime Date and Time of the coding of the delay Remarks Free Form Text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	DelayCause DelayMinutes DelayEventDateTime InternalReferenceIdentifier DelayCodingDateTime Remarks
used by	elements DelayEventForecast DelayEventReport
annotation	documentation Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime)
source	<pre> <xs:element name="DelayCauseTime"> <xs:annotation> <xs:documentation>Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="DelayCause"> <xs:annotation> <xs:documentation>Describes the reason for a delay</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayMinutes"/> <xs:element ref="DelayEventDateTime"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"> <xs:annotation> <xs:documentation>The link to the System Reference</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:element> <xs:element ref="DelayCodingDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Date and Time of the coding of the delay</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Remarks" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **DelayCodingDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element DelayCauseTime
annotation	documentation Date and Time of the coding of the delay
source	<pre> <xs:element name="DelayCodingDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of the coding of the delay</xs:documentation> </xs:annotation> </xs:element> </pre>

element **DelayEventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element DelayCauseTime
annotation	documentation Date and Time of delay event
source	<pre> <xs:element name="DelayEventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of delay event </xs:documentation> </xs:annotation> </pre>

</xs:element>

element **DelayEventForecast**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ForecastedDelayLocation TrainLocationStatus DelayCauseTime BookedLocationDateTime ReferencedLocationDateTime
used by	element TrainForecastedDelayCauseMessage
annotation	documentation Provides the detailed information about a single delay event (Replaced DelayReasonReport)
source	<pre><xs:element name="DelayEventForecast"> <xs:annotation> <xs:documentation>Provides the detailed information about a single delay event (Replaced DelayReasonReport)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ForecastedDelayLocation"/> <xs:element ref="TrainLocationStatus" minOccurs="0"/> <xs:element ref="DelayCauseTime"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **DelayEventReport**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	DelayLocation TrainLocationStatus DelayCauseTime BookedLocationDateTime ReferencedLocationDateTime
used by	element TrainDelayCauseMessage
annotation	documentation Provides the detailed information about a single delay event (Replaced DelayReasonReport)
source	<pre> <xs:element name="DelayEventReport"> <xs:annotation> </pre>

	<pre> <xs:documentation>Provides the detailed information about a single delay event (Replaced DelayReasonReport)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="DelayLocation"/> <xs:element ref="TrainLocationStatus"/> <xs:element ref="DelayCauseTime"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **DelayLocation**

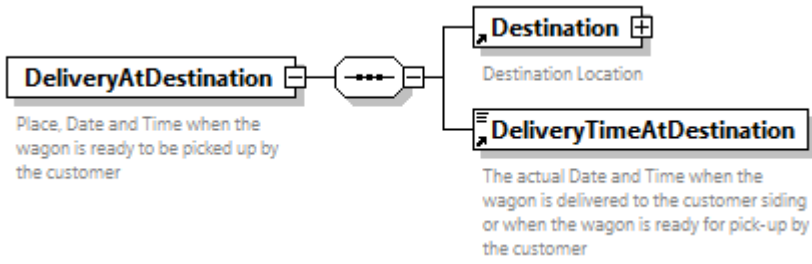
diagram	The diagram illustrates the structure of the DelayLocation element. It is a complex type containing four child elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. The diagram is titled LocationIdent. CountryCodeISO: Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode: Location Name in an offication language of the Country using the ISO Unicode alphabet PrimaryLocationName: Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification: Code, Name and allocation company of Subsidiary Location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element DelayEventReport
annotation	documentation Location where the Delay occurred
source	<pre> <xs:element name="DelayLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Location where the Delay occurred</xs:documentation> </pre>

	<pre> </xs:annotation> </xs:element> </pre>

element **DelayMinutes**

diagram	☰ DelayMinutes Identifieis the delay (in minutes) of a train for a specified cause									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	String1-5									
properties	content simple									
used by	element DelayCauseTime									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>5</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
annotation	documentation Identifieis the delay (in minutes) of a train for a specified cause									
source	<pre><xs:element name="DelayMinutes" type="String1-5"> <xs:annotation> <xs:documentation>Identifieis the delay (in minutes) of a train for a specified cause</xs:documentation> </xs:annotation> </xs:element></pre>									

element **DeliveryAtDestination**

diagram	 DeliveryAtDestination Place, Date and Time when the wagon is ready to be picked up by the customer Destination Destination Location DeliveryTimeAtDestination The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Destination DeliveryTimeAtDestination
annotation	documentation Place, Date and Time when the wagon is ready to be picked up by the customer
source	<pre> <xs:element name="DeliveryAtDestination"> <xs:annotation> <xs:documentation>Place, Date and Time when the wagon is ready to be picked up by the customer</xs:documentation> </xs:annotation> </pre>

	<pre> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Destination"/> <xs:element ref="DeliveryTimeAtDestination"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **DeliveryInterchangePoint**

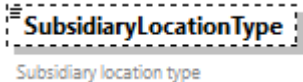
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location DeliveryTimeAtInterchange
used by	element WagonInterchangeNoticeMessage
annotation	documentation Place where the responsibility of a wagon is changed and the date and time when the wagon responsibility is handed over
source	<pre> <xs:element name="DeliveryInterchangePoint"> <xs:annotation> <xs:documentation>Place where the responsibility of a wagon is changed and the date and time when the wagon responsibility is handed over</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DeliveryTimeAtInterchange"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **DeliveryLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName DestinationRU SubsidiaryLocationType SubsidiaryLocationCode AllocationCompany LocationSubsidiaryName ConsigneeClientCode ConsigneeClientName
used by	element OperationalDestinationOfWagon
annotation	documentation Delivery location CRD
source	<pre> <xs:element name="DeliveryLocation"> <xs:annotation> <xs:documentation>Delivery location CRD</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre>

	<pre> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element ref="DestinationRU" minOccurs="0"/> <xs:element name="SubsidiaryLocationType" minOccurs="0"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="37"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="SubsidiaryLocationCode" minOccurs="0"/> <xs:element ref="AllocationCompany" minOccurs="0"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> <xs:element ref="ConsigneeClientCode" minOccurs="0"/> <xs:element ref="ConsigneeClientName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

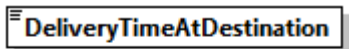
element **DeliveryLocation/SubsidiaryLocationType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	minOcc 0 maxOcc 1 content simple
used by	elements CustomsClearingPoint WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation IntermediateHandling
facets	Kind Value Annotation enumeration 37
annotation	documentation Subsidiary location type
source	<pre> <xs:element name="SubsidiaryLocationType" minOccurs="0"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="37"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

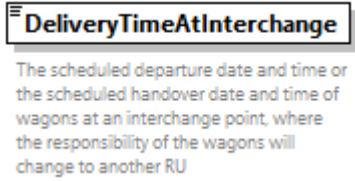
element **DeliveryReference**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	elements ILU Details ITU Details Wagons/WagonDetails									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>30</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
source	<pre><xs:element name="DeliveryReference"> <xs:annotation/> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

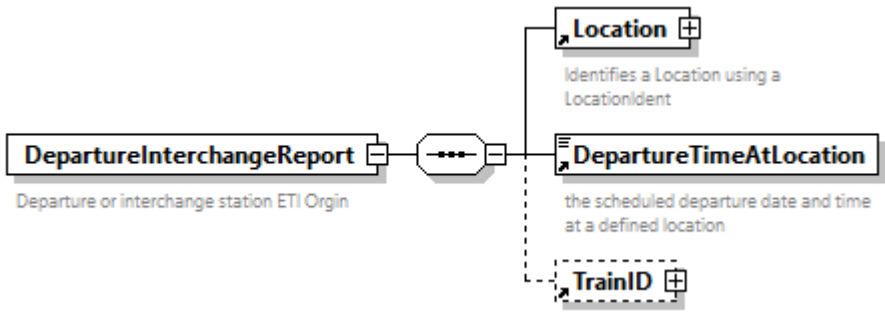
element **DeliveryTimeAtDestination**

diagram	 The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element DeliveryAtDestination
annotation	documentation The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer
source	<pre> <xs:element name="DeliveryTimeAtDestination" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer</xs:documentation> </xs:annotation> </xs:element> </pre>

element **DeliveryTimeAtInterchange**

diagram	 DeliveryTimeAtInterchange The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements DeliveryInterchangePoint NextIntermediateDestination
annotation	documentation The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU
source	<pre><xs:element name="DeliveryTimeAtInterchange" type="xs:dateTime"> <xs:annotation> <xs:documentation>The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU</xs:documentation> </xs:annotation> </xs:element></pre>

element **DepartureInterchangeReport**

diagram	 DepartureInterchangeReport Departure or interchange station ETI Origin Location Identifies a Location using a LocationIdent DepartureTimeAtLocation the scheduled departure date and time at a defined location TrainID
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location DepartureTimeAtLocation TrainID
used by	element WagonETI ETA Message
annotation	documentation Departure or interchange station ETI Origin
source	<pre><xs:element name="DepartureInterchangeReport"> <xs:annotation> <xs:documentation>Departure or interchange station ETI Origin</xs:documentation></pre>

	<pre> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> <xs:element ref="TrainID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **DepartureJourneyTrack**

diagram	The diagram illustrates the structure of the DepartureJourneyTrack element. It is a complex type that contains a LocationIdent element. The LocationIdent element is a complex type containing four sub-elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. CountryCodeISO: Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode: Location Name in an official language of the Country using the ISO Unicode alphabet PrimaryLocationName: Location Name in an official language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification: Code, Name and allocation company of Subsidiary Location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Indicates the track ID on which the train will start its journey.
source	<pre> <xs:element name="DepartureJourneyTrack" type="LocationIdent"> <xs:annotation> <xs:documentation>Indicates the track ID on which the train will start its journey.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **DepartureTimeAtLocation**

diagram	The diagram illustrates the structure of the DepartureTimeAtLocation element. It is a simple type representing the scheduled departure date and time at a defined location.

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements DepartureInterchangeReport WagonAtDeparture WagonPickupAtOrigin
annotation	documentation the scheduled departure date and time at a defined location
source	<pre> <xs:element name="DepartureTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>the scheduled departure date and time at a defined location</xs:documentation> </xs:annotation> </xs:element> </pre>

element **DepartureTrackAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Indicates the track ID on which the train runs. The track of the departure of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.
source	<pre> <xs:element name="DepartureTrackAtLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Indicates the track ID on which the train runs. The track of the departure of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</xs:documentation> </xs:annotation> </pre>

	</xs:element>

element **Destination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements ArrivalAtDestination DeliveryAtDestination ItineraryOfUnit
annotation	documentation Destination Location
source	<pre><xs:element name="Destination" type="LocationIdent"> <xs:annotation> <xs:documentation>Destination Location</xs:documentation> </xs:annotation> </xs:element></pre>

element **DestinationRU**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompanyCode
properties	content simple
used by	elements ILU CommercialForwardingData/CommercialDestination CommercialDestinationOfWagon DeliveryLocation OperationalDestinationOfWagon
facets	Kind Value Annotation

	minLength 4 maxLength 4 pattern [0-9A-Z]{4}
source	<xs:element name="DestinationRU" type="CompanyCode"/>

element **Dimensions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LengthCode Length Width Height
used by	elements ILU Details ITU Details
annotation	documentation Dimensions of the UTI.
source	<pre> <xs:element name="Dimensions"> <xs:annotation> <xs:documentation>Dimensions of the UTI.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LengthCode"> <xs:annotation> <xs:documentation>Length code according to UIC leaflet 592-2</xs:documentation> <xs:documentation>CODE: UIC leaflet 592-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:totalDigits value="2"/> <xs:minInclusive value="10"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Length" minOccurs="0"/> <xs:element ref="Width" minOccurs="0"/> <xs:element ref="Height" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Dimensions/LengthCode**

diagram	LengthCode Length code according to UIC leaflet 592-2									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>10</td><td></td></tr><tr><td>totalDigits</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	10		totalDigits	2	
Kind	Value	Annotation								
minInclusive	10									
totalDigits	2									
annotation	documentation Length code according to UIC leaflet 592-2 documentation CODE: UIC leaflet 592-2									
source	<pre><xs:element name="LengthCode"> <xs:annotation> <xs:documentation>Length code according to UIC leaflet 592-2</xs:documentation> <xs:documentation>CODE: UIC leaflet 592-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:totalDigits value="2"/> <xs:minInclusive value="10"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DispatchDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:date
properties	content simple
used by	element WagonDataHERMES/Consignmentdata/CommercialForwardingData
annotation	documentation Dispatch date

source	<pre> <xs:element name="DispatchDate"> <xs:annotation> <xs:documentation>Dispatch date</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:date"/> </xs:simpleType> </xs:element> </pre>

element **DispatchNumber**

diagram	 <pre> classDiagram class DispatchNumber { Dispatch number } </pre>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content	simple	
used by	element	WagonDataHERMES/Consignmentdata/CommercialForwardingData	
facets	Kind	Value	Annotation
	length	5	
	pattern	\d*[1-9]\d*	
annotation	documentation Dispatch number		
source	<pre> <xs:element name="DispatchNumber"> <xs:annotation> <xs:documentation>Dispatch number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

element **Driver**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	DriverFirstNameAndFamilyName DriverID ContactToDriver DriverIndication
used by	element LocoIdent
annotation	documentation Driver
source	<pre> <xs:element name="Driver"> <xs:annotation> <xs:documentation>Driver</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="DriverFirstNameAndFamilyName" minOccurs="0"/> <xs:element ref="DriverID" minOccurs="0"/> <xs:element ref="ContactToDriver" minOccurs="0"/> <xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Driver/DriverIndication**

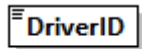
diagram	DriverIndication 0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	minOcc 0 maxOcc 1 content simple									
used by	element UnitData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	documentation 0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco									
source	<pre><xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DriverFirstNameAndFamilyName**

diagram	DriverFirstNameAndFamilyName Driver first name and family name									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element Driver									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Driver first name and family name									
source	<xs:element name="DriverFirstNameAndFamilyName"> <xs:annotation>									

	<pre> <xs:documentation>Driver first name and family name</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **DriverID**

diagram	 Driver ID									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element Driver									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>20</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	20	
Kind	Value	Annotation								
minLength	1									
maxLength	20									
annotation	documentation Driver ID									
source	<pre><xs:element name="DriverID"> <xs:annotation> <xs:documentation>Driver ID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DriverIndication**

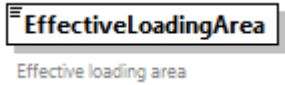
diagram	 Indicates if a driver is operating the rolling stock
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple

used by	element UnitData
annotation	documentation Indicates if a driver is operating the rolling stock
source	<pre><xs:element name="DriverIndication" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates if a driver is operating the rolling stock</xs:documentation> </xs:annotation> </xs:element></pre>

element **DwellTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:decimal
properties	content simple
used by	element TimingAtLocation
facets	Kind Value Annotation fractionDigits 1
annotation	documentation The minimum duration of dwell time expressed in minutes
source	<pre><xs:element name="DwellTime"> <xs:annotation> <xs:documentation>The minimum duration of dwell time expressed in minutes </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **EffectiveLoadingArea**

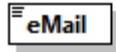
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	content simple

used by	element WagonDataHERMES/WagonTechDataHERMES									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Effective loading area									
source	<pre><xs:element name="EffectiveLoadingArea"> <xs:annotation> <xs:documentation>Effective loading area</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **EffectiveLoadingLength**

diagram	EffectiveLoadingLength Effective loading length									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element WagonDataHERMES/WagonTechDataHERMES									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Effective loading length									
source	<pre><xs:element name="EffectiveLoadingLength"> <xs:annotation> <xs:documentation>Effective loading length</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **eMail**

diagram	 Generic eMail address in Free text									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CommunicationRefID									
properties	content simple									
used by	elements AdministrativeContactInformation Contacts									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>70</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	documentation Generic eMail address in Free text									
source	<pre><xs:element name="eMail" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Generic eMail address in Free text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **EmergencyBrakeOverride**

diagram	 Ability of the whole train (all wagons and traction units) to override the emergency brake signal
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	elements PassengerTrainData PlannedTrainTechnicalData TrainOrCoachGroupComposition/Unit
annotation	documentation Ability of the whole train (all wagons and traction units) to override the emergency brake signal
source	<pre><xs:element name="EmergencyBrakeOverride" type="xs:boolean"> <xs:annotation> <xs:documentation>Ability of the whole train (all wagons and traction units) to override the emergency brake signal</xs:documentation> </xs:annotation> </xs:element></pre>

element **EmptyPackingCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	01	documentation EMPTY PACKAGING
	enumeration	02	documentation EMPTY CONTAINER
	enumeration	03	documentation EMPTY IBC
	enumeration	04	documentation EMPTY LARGE PACKAGING
	enumeration	05	documentation EMPTY TANK-VEHICLE
	enumeration	06	documentation EMPTY TANK-WAGON
	enumeration	07	documentation EMPTY DETACHABLE TANK
	enumeration	08	documentation EMPTY DEMOUNTABLE TANK
	enumeration	09	documentation EMPTY TANK-CONTAINER
	enumeration	10	documentation EMPTY PORTABLE TANK
	enumeration	11	documentation EMPTY BATTERY-VEHICLE
	enumeration	12	documentation EMPTY BATTERY-WAGON
	enumeration	13	documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS
	enumeration	14	documentation EMPTY VEHICLE
	enumeration	15	documentation EMPTY WAGON
	enumeration	16	documentation EMPTY RECEPTACLE le 1000L
	enumeration	17	documentation EMPTY RECEPTACLE gt 1000L
	enumeration	18	documentation EMPTY
annotation	documentation Code of empty packing as described in RID 5.4.1.1.6.2 documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.		

source

```
<xs:element name="EmptyPackingCode">
  <xs:annotation>
    <xs:documentation>Code of empty packing as described in RID
5.4.1.1.6.2</xs:documentation>
    <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added
as 'dummy' until the code list has been finished and approved. </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="01">
        <xs:annotation>
          <xs:documentation>EMPTY PACKAGING</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="02">
        <xs:annotation>
          <xs:documentation>EMPTY CONTAINER</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="03">
        <xs:annotation>
          <xs:documentation>EMPTY IBC</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="04">
        <xs:annotation>
          <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="05">
        <xs:annotation>
          <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="06">
        <xs:annotation>
          <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="07">
        <xs:annotation>
          <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="08">
        <xs:annotation>
          <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="09">
        <xs:annotation>
          <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

```

<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED
ELEMENTS</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>EMPTY VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>EMPTY WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>EMPTY RECEPTACLE le 1000L</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>EMPTY</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **EndDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
annotation	documentation The end date/time in effect
source	<pre><xs:element name="EndDate" type="xs:date"> <xs:annotation> <xs:documentation>The end date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre>

element **EndTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements RequestedPeriod RequestedTimeframe complexType ValidityPeriodType
annotation	documentation The end date/time in effect
source	<pre><xs:element name="EndTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The end date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre>

element **EndLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements PartJourney WagonPerformanceMessage/PerformanceData complexTypes SectionType TCRType
annotation	documentation End point of a section or segment
source	<pre> <xs:element name="EndLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>End point of a section or segment</xs:documentation> </xs:annotation> </xs:element> </pre>

element **EntityInChargeOfMaintenance**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element ActualOperationalWagonData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>300</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	300	
Kind	Value	Annotation								
minLength	1									
maxLength	300									

annotation	documentation Entity in charge of maintenance (ECM)
source	<pre> <xs:element name="EntityInChargeOfMaintenance"> <xs:annotation> <xs:documentation>Entity in charge of maintenance (ECM)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="300"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ErrorMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus AdministrativeContactInformation ErrorCauseReference Error PlannedTransportIdentifiers TransportOperationalIdentifiers
annotation	documentation This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.

source

```
<xs:element name="ErrorMessage">
  <xs:annotation>
    <xs:documentation>This message should be sent from the receiver to the sender
after the processing of the previously sent TAF/TAP message in the backend (legacy)
system of the receiver has failed.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="MessageHeader"/>
      <xs:element ref="MessageStatus"/>
      <xs:element ref="AdministrativeContactInformation"/>
      <xs:element name="ErrorCauseReference" minOccurs="0">
        <xs:annotation>
          <xs:documentation>The reference to the message and its particular
element(s) that caused the error is provided here</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="MessageReference"/>
            <xs:element name="MessageSenderReference" type="FreeText"
minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="Error" maxOccurs="unbounded">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="TagReference" type="xs:string" minOccurs="0">
              <xs:annotation>
                <xs:documentation>This is a placeholder for XPath expression
indicating the element of the original message which caused the
error.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="TypeOfError">
              <xs:annotation>
                <xs:documentation>It is an enumerated type to indicate if the error
was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure
(2 = TECHNICAL) or both (0 = BOTH)</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:integer">
                  <xs:enumeration value="0"/>
                  <xs:enumeration value="1"/>
                  <xs:enumeration value="2"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Severity">
              <xs:annotation>
                <xs:documentation>1 = WARNING: Message content, sequence or other
parameters are off standard but (partial) processing has been possible.2 = ERROR:
Message cannot be processed.</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

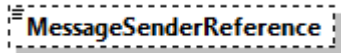

	<pre> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ErrorCode"> <xs:annotation> <xs:documentation>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</xs:documentation> </xs:annotation> </xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="FreeTextField"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ErrorCauseReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	MessageReference MessageSenderReference
annotation	documentation The reference to the message and its particular element(s) that caused the error is provided here
source	<pre> <xs:element name="ErrorCauseReference" minOccurs="0"> <xs:annotation> <xs:documentation>The reference to the message and its particular element(s) </pre>

	that caused the error is provided here</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageReference"/> <xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element>

element **ErrorMessage/ErrorMessageReference/MessageSenderReference**

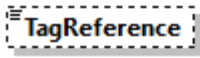
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/>

element **ErrorMessage/Error**

diagram	TagReference This is a placeholder for XPath expression indicating the element of the original message which caused the error. TypeOfError It is an enumerated type to indicate if the error was caused due to a business rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH) Severity 1 = WARNING: Message content, sequence or other parameters are off standard but (partial) processing has been possible. 2 = ERROR: Message cannot be processed. ErrorCode To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level." FreeTextField Free Text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc unbounded content complex
children	TagReference TypeOfError Severity ErrorCode FreeTextField
source	<pre> <xs:element name="Error" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="TagReference" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TypeOfError"> <xs:annotation> <xs:documentation>It is an enumerated type to indicate if the error was </pre>

	caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation> <pre></xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Severity"> <xs:annotation> <xs:documentation>1 = WARNING: Message content, sequence or other parameters are off standard but (partial) processing has been possible.2 = ERROR: Message cannot be processed.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ErrorCode"> <xs:annotation> <xs:documentation>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="FreeTextField"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ErrorMessage/Error/TagReference**

diagram	 This is a placeholder for XPath expression indicating the element of the original message which caused the error.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation This is a placeholder for XPath expression indicating the element of the original message which caused the error.
source	<pre><xs:element name="TagReference" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ErrorMessage/Error/TypeOfError**

diagram	TypeOfError It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:integer												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2	
Kind	Value	Annotation											
enumeration	0												
enumeration	1												
enumeration	2												
annotation	documentation It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)												
source	<pre><xs:element name="TypeOfError"> <xs:annotation> <xs:documentation>It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **ErrorMessage/Error/Severity**

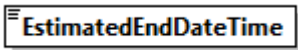
diagram	Severity 1 = WARNING: Message content, sequence or other parameters are off standard but (partial) processing has been possible.2 = ERROR: Message cannot be processed.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	1		enumeration	2	
Kind	Value	Annotation								
enumeration	1									
enumeration	2									
annotation	documentation 1 = WARNING: Message content, sequence or other parameters are off standard but (partial) processing has been possible.2 = ERROR: Message cannot be processed.									
source	<pre><xs:element name="Severity"> <xs:annotation> <xs:documentation>1 = WARNING: Message content, sequence or other parameters are off standard but (partial) processing has been possible.2 = ERROR: Message cannot be processed.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ErrorMessage/Error/ErrorCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	content simple

facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "									
source	<pre><xs:element name="ErrorCode"> <xs:annotation> <xs:documentation>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **EstimatedEndTime**

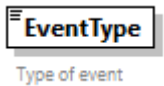
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
source	<pre><xs:element name="EstimatedEndTime" type="xs:dateTime"/></pre>

element **EuropeanVehicleNumber**

diagram	EuropeanVehicleNumber Number on 12 digits allocated to each rail vehicle to uniquely identify it from any other rail vehicle									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	elements RollingStockIdentification RunningStatusReportMessage/TransportDeviceID UnitIdentification									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>12</td><td></td></tr><tr><td>maxLength</td><td>12</td><td></td></tr></table>	Kind	Value	Annotation	minLength	12		maxLength	12	
Kind	Value	Annotation								
minLength	12									
maxLength	12									

	pattern [0-9]{12}
annotation	documentation Number on 12 digits allocated to each rail vehicle to uniquely identify it from any other rail vehicle
source	<pre> <xs:element name="EuropeanVehicleNumber"> <xs:annotation> <xs:documentation>Number on 12 digits allocated to each rail vehicle to uniquely identify it from any other rail vehicle</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="12"/> <xs:minLength value="12"/> <xs:pattern value="[0-9]{12}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **EventType**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	element	WagonStatusMessages/WagonStatusMessage/Event	
facets	Kind	Value	Annotation
	enumeration	10	documentation Wagon Ready To Pull (Based on information from customer or wagon keeper, the LRU not being the origin RU will inform the origin RU that the wagon (loaded or empty) can (or will be ready to) be pulled from the un/loading place or customer's siding.)
	enumeration	20	documentation Wagon Pulled (Origin RU informs other involved RU(s) that the wagon has been pulled from un/loading place or from customer's siding.)
	enumeration	01	documentation Wagon Left Origin (Origin RU informs other involved RU(s) that the wagon left with a train production departure station.)
	enumeration	04	documentation Wagon Arrival (RU informs other involved RU(s) that the wagon has arrived to station with a train.)
	enumeration	03	documentation Wagon Departure (RU informs other involved RU(s) that the wagon has departed from station with a train.)
	enumeration	13	documentation Passed through (Wagon, being part of a running train, has passed through a location.)
	enumeration	14	documentation Wagon Handed Over (RU informs other involved RU(s) that the wagon has been

	enumeration 24 documentation physically handed over to the next RU) (documentation Wagon Taken Over (RU informs other involved RU(s) that the wagon has been physically taken over from the previous RU.) enumeration 06 documentation Wagon Journey Irregularity (RU informs other involved RU(s) that something irregular happened with the wagon or its load which requires action and may interrupt its transportation. Details about nature of the irregularity and its consequences are to be included too.) enumeration 16 documentation Wagon Journey Recovered (RU informs other involved RU(s) that the wagon journey irregularity was recovered (e.g. wagon is repaired or load is fixed) enumeration 05 documentation Wagon Reached Destination (Destination RU informs other involved RU(s) that the wagon arrived to destination station with a train.) enumeration 15 documentation Wagon Delivered (Destination RU informs other involved RU(s) that the wagon has been delivered to un/loading place or to customer's siding.) enumeration 60 documentation GPS Location (Information about the position of the wagon)
annotation	documentation Type of event
source	<pre> <xs:element name="EventType"> <xs:annotation> <xs:documentation>Type of event</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Wagon Ready To Pull (Based on information from customer or wagon keeper, the LRU not being the origin RU will inform the origin RU that the wagon (loaded or empty) can (or will be ready to) be pulled from the un/loading place or customer's siding.)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="20"> <xs:annotation> <xs:documentation> Wagon Pulled (Origin RU informs other involved RU(s) that the wagon has been pulled from un/loading place or from customer's siding.)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Wagon Left Origin (Origin RU informs other involved RU(s) that the wagon left with a train production departure station.)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>Wagon Arrival (RU informs other involved RU(s) that the wagon has arrived to station with a train.)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="03">
        <xs:annotation>
            <xs:documentation>Wagon Departure (RU informs other involved RU(s) that
the wagon has departed from station with a train.)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="13">
        <xs:annotation>
            <xs:documentation>Passed through (Wagon, being part of a running train,
has passed through a location.)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="14">
        <xs:annotation>
            <xs:documentation>Wagon Handed Over (RU informs other involved RU(s) that
the wagon has been physically handed over to the next RU) (</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="24">
        <xs:annotation>
            <xs:documentation>Wagon Taken Over (RU informs other involved RU(s) that
the wagon has been physically taken over from the previous RU.)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="06">
        <xs:annotation>
            <xs:documentation>Wagon Journey Irregularity (RU informs other involved
RU(s) that something irregular happened with the wagon or its load which requires
action and may interrupt its transportation. Details about nature of the
irregularity and its consequences are to be included too.)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="16">
        <xs:annotation>
            <xs:documentation>Wagon Journey Recovered (RU informs other involved
RU(s) that the wagon journey irregularity was recovered (e.g. wagon is repaired or
load is fixed)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="05">
        <xs:annotation>
            <xs:documentation>Wagon Reached Destination (Destination RU informs
other involved RU(s) that the wagon arrived to destination station with a
train.)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="15">
        <xs:annotation>
            <xs:documentation>Wagon Delivered (Destination RU informs other involved
RU(s) that the wagon has been delivered to un/loading place or to customer's
siding.)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>

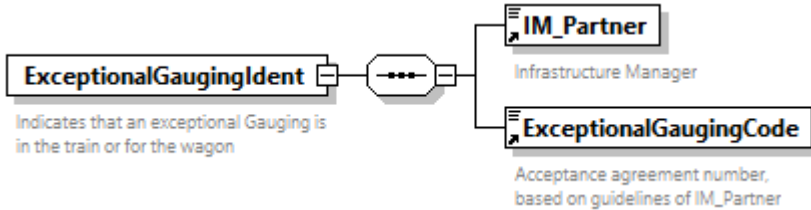
```

	<pre> <xs:enumeration value="60"> <xs:annotation> <xs:documentation>GPS Location (Information about the position of the wagon)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ExceptionalGaugingCode**

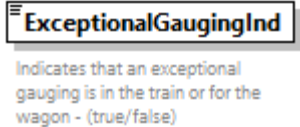
diagram	ExceptionalGaugingCode Acceptance agreement number, based on guidelines of IM_Partner									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element ExceptionalGaugingIdent									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>24</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	24	
Kind	Value	Annotation								
minLength	1									
maxLength	24									
annotation	documentation Acceptance agreement number, based on guidelines of IM_Partner									
source	<pre><xs:element name="ExceptionalGaugingCode"> <xs:annotation> <xs:documentation>Acceptance agreement number, based on guidelines of IM_Partner</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ExceptionalGaugingIdent**

diagram	 Indicates that an exceptional Gauging is in the train or for the wagon IM_Partner Infrastructure Manager ExceptionalGaugingCode Acceptance agreement number, based on guidelines of IM_Partner

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	IM Partner ExceptionalGaugingCode
used by	elements TrainCompositionJourneySection/LocIdent PlannedTrainData RollingStockTechnicalData UnitTechnicalData WagonOperationalData
annotation	documentation Indicates that an exceptional Gauging is in the train or for the wagon
source	<pre> <xs:element name="ExceptionalGaugingIdent"> <xs:annotation> <xs:documentation>Indicates that an exceptional Gauging is in the train or for the wagon </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IM_Partner"/> <xs:element ref="ExceptionalGaugingCode"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ExceptionalGaugingInd**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	elements GeneralParameters PassengerTrainRunningData TrainRunningData TrainTechData
annotation	documentation Indicates that an exceptional gauging is in the train or for the wagon - (true/false)
source	<pre> <xs:element name="ExceptionalGaugingInd" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates that an exceptional gauging is in the train or for the wagon - (true/false)</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ExceptionalGaugingInfo**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ConcernedCountry IM_Partner ForwardingApprovalNumber ResponsibleRU NumberOfEvidence ProfileNumber SpeedRestrictionForSpecialLoad
used by	element LoadingSpecial
annotation	documentation Identification of a special load Technical number
source	<pre> <xs:element name="ExceptionalGaugingInfo"> <xs:annotation> <xs:documentation>Identification of a special load Technical number</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ConcernedCountry" minOccurs="0"/> <xs:element ref="IM_Partner"/> <xs:element ref="ForwardingApprovalNumber" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="NumberOfEvidence" minOccurs="0"/> <xs:element ref="ProfileNumber" minOccurs="0" maxOccurs="9"/> <xs:element ref="SpeedRestrictionForSpecialLoad" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ExceptionalGaugingProfile**

diagram	≡ ExceptionalGaugingProfile Identification of special load. Profile No - UIC IRS 50596-6 Macro-profile No: UIC leaflet 502-2 (4AN + 3N)									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	elements RollingStockTechnicalData UnitTechnicalData WagonOperationalData									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>7</td><td></td></tr><tr><td>maxLength</td><td>7</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	7		maxLength	7	
Kind	Value	Annotation								
minLength	7									
maxLength	7									
annotation	documentation Identification of special load. Profile No - UIC IRS 50596-6 Macro-profile No: UIC leaflet 502-2 (4AN + 3N)									
source	<pre><xs:element name="ExceptionalGaugingProfile"> <xs:annotation> <xs:documentation>Identification of special load. Profile No - UIC IRS 50596-6 Macro-profile No: UIC leaflet 502-2 (4AN + 3N)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="7"/> <xs:maxLength value="7"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ExceptionPoint**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location ResponsibleRU WagonLocationStatus ScheduledTimeAtLocation ExceptionTimeAtLocation
annotation	documentation Describes the interruption points with location and the time of the interruption
source	<pre> <xs:element name="ExceptionPoint"> <xs:annotation> <xs:documentation>Describes the interruption points with location and the time of the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="ResponsibleRU"/> <xs:element ref="WagonLocationStatus"/> <xs:element ref="ScheduledTimeAtLocation"/> <xs:element ref="ExceptionTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ExceptionReason**

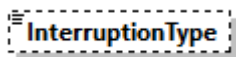
diagram	Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description WagonInterruptionReason InterruptionDescription The free text description of an interruption InterruptionType
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonInterruptionReason InterruptionDescription InterruptionType
annotation	documentation Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description
source	<pre> <xs:element name="ExceptionReason"> <xs:annotation> <xs:documentation>Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="WagonInterruptionReason" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="wagon damaged"/> <xs:enumeration value="change of route"/> <xs:enumeration value="other"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="InterruptionDescription" minOccurs="0"/> <xs:element name="InterruptionType" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="1"/> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Damage does not cause an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Damage causes an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>other (no damage)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ExceptionReason/WagonInterruptionReason**

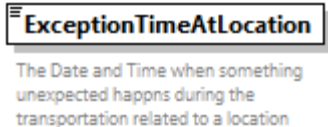
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:token												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>wagon damaged</td><td></td></tr><tr><td>enumeration</td><td>change of route</td><td></td></tr><tr><td>enumeration</td><td>other</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	wagon damaged		enumeration	change of route		enumeration	other	
Kind	Value	Annotation											
enumeration	wagon damaged												
enumeration	change of route												
enumeration	other												
source	<pre><xs:element name="WagonInterruptionReason" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="wagon damaged"/> <xs:enumeration value="change of route"/> <xs:enumeration value="other"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **ExceptionReason/InterruptionType**

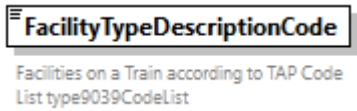
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	minOcc0 maxOcc1 contentsimple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>length</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>0</td><td>documentation</td></tr></table>	Kind	Value	Annotation	length	1		enumeration	0	documentation
Kind	Value	Annotation								
length	1									
enumeration	0	documentation								

	enumeration 1 documentation Damage does not cause an interruption of transport run enumeration 2 documentation Damage causes an interruption of transport run other (no damage)
source	<pre> <xs:element name="InterruptionType" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="1"/> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Damage does not cause an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Damage causes an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>other (no damage)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ExceptionTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element ExceptionPoint
annotation	documentation The Date and Time when something unexpected happens during the transportation related to a location
source	<pre> <xs:element name="ExceptionTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The Date and Time when something unexpected happens during the transportation related to a location</xs:documentation> </xs:annotation> </xs:element> </pre>

element **FacilityTypeDescriptionCode**

diagram	 Facilities on a Train according to TAP Code List type9039CodeList		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content simple		
used by	elements TypeofService UnitData		
facets	Kind	Value	Annotation
	maxLength	3	
	enumeration	2	documentation First-class sleepers documentation First-class sleepers documentation 0
	enumeration	3	documentation Standard class sleepers documentation Standard class (second class) sleepers documentation 0
	enumeration	4	documentation First-class seats documentation First-class seats documentation 0
	enumeration	5	documentation Second-class seats documentation Second-class seats documentation Also: standard, etc. documentation 0
	enumeration	6	documentation First-class couchettes documentation First-class couchettes documentation 0
	enumeration	7	documentation Second-class couchettes documentation Second-class couchettes documentation

	enumeration	8	0 documentation Sleeperette documentation Sleeperette or reclining seat documentation
	enumeration	9	0 documentation Restaurant documentation Restaurant facility documentation
	enumeration	11	0 documentation First-class sleeper, single documentation First-class sleeper, single documentation
	enumeration	12	0 documentation First-class sleeper, special documentation First-class sleeper, special documentation
	enumeration	13	0 documentation First-class sleeper, double documentation First-class sleeper, double documentation
	enumeration	14	0 documentation Vehicle transport documentation Facilities for vehicle transport etc. Not bicycles. documentation Cars, boats, trailers, motorbikes, documentation
	enumeration	15	0 documentation Second-class, sleeper, T2 documentation Second-class sleeper, T2 (two-bed compartment) documentation
	enumeration	16	0 documentation Second-class sleeper, T3 documentation Second-class sleeper, T3 (three-bed compartment) documentation
	enumeration	17	0 documentation Second-class sleeper T4 documentation

		Second-class sleeper, T4 (four-bed compartment) documentation 0
enumeration	18	documentation First-class sleeper, single, shower documentation First-class sleeper, single with shower documentation 0
enumeration	19	documentation First-class sleeper, double, shower documentation First-class sleeper, double with shower documentation 0
enumeration	20	documentation Non-smoker service documentation The travel service is non-smoking documentation 0
enumeration	21	documentation Heavily disabled documentation Facilities for heavily disabled persons available documentation 0
enumeration	24	documentation Baby room documentation Baby care facilities available documentation 0
enumeration	26	documentation Bicycle transport documentation Facility for bicycle transport available documentation 0
enumeration	28	documentation Wheelchair access documentation Access for wheelchairs possible documentation 0
enumeration	33	documentation Video coach documentation Video coach available documentation 0
enumeration	34	documentation Mini-bar documentation

			Mini-bar available documentation 0
	enumeration	36	documentation Panorama coach documentation Panorama coach available documentation 0
	enumeration	44	documentation Telephone documentation Telephone service is available documentation 0
	enumeration	45	documentation Power supply documentation Service provides power supply sockets documentation 0
	enumeration	46	documentation Pullmann coach documentation Pullman car seats documentation 0
	enumeration	47	documentation Bar documentation A bar is available documentation 0
	enumeration	48	documentation Family compartment documentation Family compartment(s) available documentation 0
	enumeration	50	documentation Buffet machine documentation Buffet machine available documentation 0
	enumeration	54	documentation Premium class documentation A class with comfort level higher than first class Business, etc documentation Includes Comfort, Club, Pullman, documentation 0
	enumeration	55	documentation

		Preferente documentation Spanish first class on long distance trains documentation RENFE documentation 0
	enumeration 56	documentation Turista documentation Spanish second class on long distance trains documentation RENFE documentation 0
	enumeration 57	documentation First-class sleeper, single, shower, WC documentation First-class sleeper, single with shower and WC documentation RENFE documentation 0
	enumeration 58	documentation First-class sleeper, double shower, WC documentation First-class sleeper, double with shower and WC documentation RENFE documentation 0
	enumeration 59	documentation Second class sleeper, T3, shower, WC documentation Second class sleeper, T3, shower, WC documentation 0
	enumeration 60	documentation Second class sleeper double documentation Second class sleeper for two documentation 0
	enumeration 61	documentation Second class sleeper double shower/toilets documentation Second class sleeper for two with shower and toilets documentation 0
	enumeration 62	documentation Second-class, couchette, two-bed, C2 documentation Second class compartment with 2 couchettes documentation

	enumeration	63	0 documentation Second-class, couchette, four-bed, C4 documentation Second class compartment with 4 couchettes documentation 0
	enumeration	64	documentation Second-class, couchette, six-bed, C6 documentation Second class compartment with 6 couchettes documentation 0
	enumeration	65	documentation Second class couchette wheelchair documentation Second class couchette with wheelchair space documentation 0
	enumeration	66	documentation Executive class documentation A class with comfort level higher than first class documentation Trenitalia documentation 0
	enumeration	67	documentation Business class documentation First class documentation Trenitalia documentation 0
	enumeration	68	documentation Premium class documentation A second class with comfort level higher than normal second class documentation Trenitalia documentation 0
	enumeration	69	documentation Standard class documentation Trenitalia's normal second class documentation Trenitalia documentation 0
	enumeration	70	documentation Unified class documentation

		For services with no class differentiation. A service with only one class
		documentation
		UIC
		documentation
		0
enumeration	71	documentation
		Medical-grade masks
		documentation
		Medical-grade masks must be worn
		documentation
		0
enumeration	72	documentation
		Mask obligation according to legal regulation
		documentation
		Mask obligation according to legal regulation
		documentation
		0
enumeration	101	documentation
		Metro connection
		documentation
		Metro, subway, underground connection
		documentation
		Only used in TSDUPD
		documentation
		0
enumeration	102	documentation
		Taxi connection
		documentation
		Taxi connection
		documentation
		Only used in TSDUPD
		documentation
		0
enumeration	103	documentation
		Bus connection
		documentation
		Bus connections available
		documentation
		Used only in TSDUPD
		documentation
		0
enumeration	104	documentation
		Tram connection
		documentation
		Tram connections available
		documentation
		Used only in TSDUPD
		documentation
		0
enumeration	105	documentation
		2nd Class couchette five beds C5
		documentation
		2nd Class couchette five beds C5
		documentation

	DB Nachtzug documentation 0 documentation Vaccinated, tested, recovered rule applied documentation Vaccinated, tested, recovered rule applied documentation Vaccinated, tested, recovered rule applies on trains, valid proof must be presented documentation 1 documentation Dedicated toilet and place for wheelchair documentation Dedicated toilet and place for wheelchair documentation Dedicated toilet together with dedicated space for wheelchair documentation 1
annotation	documentation Facilities on a Train according to TAP Code List type9039CodeList
source	<pre> <xs:element name="FacilityTypeDescriptionCode"> <xs:annotation> <xs:documentation>Facilities on a Train according to TAP Code List type9039CodeList</xs:documentation> </xs:annotation> <xs:simpleType> <xs:annotation> <xs:documentation xml:lang="en">Code list for the facility type description (B.2.10,B.3.1,B.3.4,B.4.9039)</xs:documentation> <xs:appinfo> <dc:title>Code list for the facility type description</dc:title> <dc:source>B.2.10,B.3.1,B.3.4,B.4.9039</dc:source> </xs:appinfo> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="3"/> <xs:enumeration value="2"> <xs:annotation> <xs:documentation xml:lang="en">First-class sleepers</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Description">First-class sleepers</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Remark"/> <xs:documentation xml:lang="en" doc:docType="Status">0</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation xml:lang="en">Standard class sleepers</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Description">Standard </pre>

```

class (second class) sleepers</xs:documentation>
  <xs:documentation xml:lang="en" doc:docType="Remark"/>
  <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4">
  <xs:annotation>
    <xs:documentation xml:lang="en">First-class seats</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">First-class
seats</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation xml:lang="en">Second-class seats</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Second-class
seats</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark">Also: standard,
etc.</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation xml:lang="en">First-class
couchettes</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">First-class
couchettes</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation xml:lang="en">Second-class
couchettes</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Second-class
couchettes</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation xml:lang="en">Sleeperette</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Sleeperette
or reclining seat</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>

```

```

        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9">
        <xs:annotation>
            <xs:documentation xml:lang="en">Restaurant</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Restaurant
facility</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    <xs:enumeration value="11">
        <xs:annotation>
            <xs:documentation xml:lang="en">First-class sleeper,
single</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">First-class
sleeper, single</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    <xs:enumeration value="12">
        <xs:annotation>
            <xs:documentation xml:lang="en">First-class sleeper,
special</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">First-class
sleeper, special</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    <xs:enumeration value="13">
        <xs:annotation>
            <xs:documentation xml:lang="en">First-class sleeper,
double</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">First-class
sleeper, double</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    <xs:enumeration value="14">
        <xs:annotation>
            <xs:documentation xml:lang="en">Vehicle transport</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Facilities
for vehicle transport etc. Not bicycles.</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark">Cars, boats,
trailers, motorbikes, </xs:documentation>
            <xs:documentation xml:lang="en"

```

```

doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation xml:lang="en">Second-class, sleeper,
T2</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Second-class
sleeper, T2 (two-bed compartment)</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation xml:lang="en">Second-class sleeper,
T3</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Second-class
sleeper, T3 (three-bed compartment)</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation xml:lang="en">Second-class sleeper
T4</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Second-class
sleeper, T4 (four-bed compartment)</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation xml:lang="en">First-class sleeper, single,
shower</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">First-class
sleeper, single with shower</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="19">
  <xs:annotation>
    <xs:documentation xml:lang="en">First-class sleeper, double,
shower</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">First-class
sleeper, double with shower</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"

```

```

doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
  <xs:annotation>
    <xs:documentation xml:lang="en">Non-smoker service</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">The travel
service is non-smoking</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="21">
  <xs:annotation>
    <xs:documentation xml:lang="en">Heavily disabled</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Facilities
for heavily disabled persons available</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation xml:lang="en">Baby room</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Baby care
facilities available</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="26">
  <xs:annotation>
    <xs:documentation xml:lang="en">Bicycle transport</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Facility for
bicycle transport available</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="28">
  <xs:annotation>
    <xs:documentation xml:lang="en">Wheelchair access</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Access for
wheelchairs possible</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="33">
  <xs:annotation>

```

```

<xs:documentation xml:lang="en">Video coach</xs:documentation>
<xs:documentation xml:lang="en" doc:docType="Description">Video coach
available</xs:documentation>
<xs:documentation xml:lang="en" doc:docType="Remark"/>
<xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="34">
<xs:annotation>
<xs:documentation xml:lang="en">Mini-bar</xs:documentation>
<xs:documentation xml:lang="en" doc:docType="Description">Mini-bar
available</xs:documentation>
<xs:documentation xml:lang="en" doc:docType="Remark"/>
<xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="36">
<xs:annotation>
<xs:documentation xml:lang="en">Panorama coach</xs:documentation>
<xs:documentation xml:lang="en" doc:docType="Description">Panorama
coach available</xs:documentation>
<xs:documentation xml:lang="en" doc:docType="Remark"/>
<xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="44">
<xs:annotation>
<xs:documentation xml:lang="en">Telephone</xs:documentation>
<xs:documentation xml:lang="en" doc:docType="Description">Telephone
service is available</xs:documentation>
<xs:documentation xml:lang="en" doc:docType="Remark"/>
<xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="45">
<xs:annotation>
<xs:documentation xml:lang="en">Power supply</xs:documentation>
<xs:documentation xml:lang="en" doc:docType="Description">Service
provides power supply sockets</xs:documentation>
<xs:documentation xml:lang="en" doc:docType="Remark"/>
<xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="46">
<xs:annotation>
<xs:documentation xml:lang="en">Pullmann coach</xs:documentation>
<xs:documentation xml:lang="en" doc:docType="Description">Pullman car
seats</xs:documentation>
<xs:documentation xml:lang="en" doc:docType="Remark"/>
<xs:documentation xml:lang="en"

```

```

doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="47">
  <xs:annotation>
    <xs:documentation xml:lang="en">Bar</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">A bar is
available</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="48">
  <xs:annotation>
    <xs:documentation xml:lang="en">Family compartment</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Family
compartment(s) available</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="50">
  <xs:annotation>
    <xs:documentation xml:lang="en">Buffet machine</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Buffet
machine available</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="54">
  <xs:annotation>
    <xs:documentation xml:lang="en">Premium class</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">A class with
comfort level higher than first class Business, etc</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark">Includes Comfort,
Club, Pullman, </xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="55">
  <xs:annotation>
    <xs:documentation xml:lang="en">Preferente</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Spanish
first class on long distance trains</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Remark">RENFE</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>

```



```

<xs:enumeration value="56">
  <xs:annotation>
    <xs:documentation xml:lang="en">Turista</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Spanish
second class on long distance trains</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Remark">RENFE</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="57">
  <xs:annotation>
    <xs:documentation xml:lang="en">First-class sleeper, single, shower,
WC</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">First-class
sleeper, single with shower and WC</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Remark">RENFE</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="58">
  <xs:annotation>
    <xs:documentation xml:lang="en">First-class sleeper, double shower,
WC</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">First-class
sleeper, double with shower and WC</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Remark">RENFE</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="59">
  <xs:annotation>
    <xs:documentation xml:lang="en">Second class sleeper, T3, shower,
WC</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Second class
sleeper, T3, shower, WC</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="60">
  <xs:annotation>
    <xs:documentation xml:lang="en">Second class sleeper
double</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Second class
sleeper for two</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>

```

```

        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="61">
        <xs:annotation>
            <xs:documentation xml:lang="en">Second class sleeper double
shower/toilets</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Second class
sleeper for two with shower and toilets</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="62">
        <xs:annotation>
            <xs:documentation xml:lang="en">Second-class, couchette, two-bed,
C2</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Second class
compartment with 2 couchettes</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="63">
        <xs:annotation>
            <xs:documentation xml:lang="en">Second-class, couchette, four-bed,
C4</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Second class
compartment with 4 couchettes</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="64">
        <xs:annotation>
            <xs:documentation xml:lang="en">Second-class, couchette, six-bed,
C6</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Second class
compartment with 6 couchettes</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="65">
        <xs:annotation>
            <xs:documentation xml:lang="en">Second class couchette
wheelchair</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Second class
couchette with wheelchair space</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>

```

```

        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="66">
        <xs:annotation>
            <xs:documentation xml:lang="en">Executive class</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">A class with
comfort level higher than first class</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Remark">Trenitalia</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="67">
        <xs:annotation>
            <xs:documentation xml:lang="en">Business class</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">First
class</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Remark">Trenitalia</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="68">
        <xs:annotation>
            <xs:documentation xml:lang="en">Premium class</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">A second
class with comfort level higher than normal second class</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Remark">Trenitalia</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="69">
        <xs:annotation>
            <xs:documentation xml:lang="en">Standard class</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Trenitalia's
normal second class</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Remark">Trenitalia</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="70">
        <xs:annotation>
            <xs:documentation xml:lang="en">Unified class</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">For services
with no class differentiation. A service with only one class</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Remark">UIC</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>

```

```

        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="71">
        <xs:annotation>
            <xs:documentation xml:lang="en">Medical-grade masks</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Description">Medical-grade masks must be worn</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="72">
        <xs:annotation>
            <xs:documentation xml:lang="en">Mask obligation according to legal
regulation</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Mask
obligation according to legal regulation</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="101">
        <xs:annotation>
            <xs:documentation xml:lang="en">Metro connection</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Metro,
subway, underground connection</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark">Only used in
TSDUPD</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="102">
        <xs:annotation>
            <xs:documentation xml:lang="en">Taxi connection</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Taxi
connection</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark">Only used in
TSDUPD</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="103">
        <xs:annotation>
            <xs:documentation xml:lang="en">Bus connection</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Bus
connections available</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark">Used only in
TSDUPD</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>

```

```

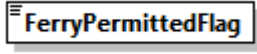
</xs:enumeration>
<xs:enumeration value="104">
  <xs:annotation>
    <xs:documentation xml:lang="en">Tram connection</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Tram
connections available</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark">Used only in
TSDUPD</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="105">
  <xs:annotation>
    <xs:documentation xml:lang="en">2nd Class couchette five beds
C5</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">2nd Class
couchette five beds C5</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark">DB
Nachtzug</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="106">
  <xs:annotation>
    <xs:documentation xml:lang="en">Vaccinated, tested, recovered rule
applied</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Vaccinated,
tested, recovered rule applied</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark">Vaccinated,
tested, recovered rule applies on trains, valid proof must be
presented</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Status">1</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="107">
  <xs:annotation>
    <xs:documentation xml:lang="en"> Dedicated toilet and place for
wheelchair</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description"> Dedicated
toilet and place for wheelchair</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark">Dedicated toilet
together with dedicated space for wheelchair</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Status">1</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **FaxNumber**

diagram	FaxNumber Generic Fax number in Free text									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CommunicationRefID									
properties	content simple									
used by	elements AdministrativeContactInformation Contacts									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>70</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	documentation Generic Fax number in Free text									
source	<pre><xs:element name="FaxNumber" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Generic Fax number in Free text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **FerryPermittedFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element RollingStockDataset/DesignDataSet
source	<pre> <xs:element name="FerryPermittedFlag" type="xs:boolean"/> </pre>

element **ForecastedDelayLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element DelayEventForecast
annotation	documentation Location where the delay is forecasted
source	<pre><xs:element name="ForecastedDelayLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Location where the delay is forecasted</xs:documentation> </xs:annotation> </xs:element></pre>

element **FormationAndBrakeGroup**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NumberOfFormationAndBrakeGroup
used by	element LoadingSpecial
annotation	documentation Formation- and Brakegroup
source	<pre><xs:element name="FormationAndBrakeGroup"> <xs:annotation></pre>

	<pre> <xs:documentation>Formation- and Brakegroup</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="NumberOfFormationAndBrakeGroup"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ForwardingApprovalNumber**

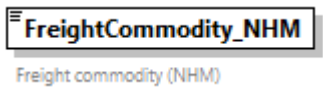
diagram	ForwardingApprovalNumber Forwarding approval number									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	String1-24									
properties	content simple									
used by	element ExceptionalGaugingInfo									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>24</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	24	
Kind	Value	Annotation								
minLength	1									
maxLength	24									
annotation	documentation Forwarding approval number									
source	<pre><xs:element name="ForwardingApprovalNumber" type="String1-24"> <xs:annotation> <xs:documentation>Forwarding approval number</xs:documentation> </xs:annotation> </xs:element></pre>									

element **FreeTextField**

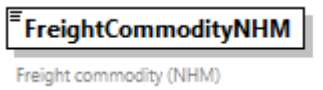
diagram	 <pre> graph LR FreeTextField[FreeTextField] FreeTextField --- FreeTextFieldText[Free Text] </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	content simple
used by	elements AdministrativeContactInformation ErrorMessage/Error PassengerUnitRestriction/InternalFittingDefect ObjectInfoMessage OtherPassengerRestrictionOrDefect PassengerRestriction/OtherPassengerRestrictionOrDefect PassengerTransportRestriction PassengerUnitRestriction/PassengerTransportRestriction PathCanceledMessage PathCoordinationMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PathSectionNotificationMessage

	PlannedJourneyLocation UnitData UpdateLinkMessage complexType TrainActivityType
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Free Text
source	<pre><xs:element name="FreeTextField" type="FreeText"> <xs:annotation> <xs:documentation>Free Text</xs:documentation> </xs:annotation> </xs:element></pre>

element **FreightCommodity_NHM**

diagram	 The diagram shows a box labeled 'FreightCommodity_NHM' with a small icon to its left. Below the box, the text 'Freight commodity (NHM)' is written.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
used by	element ILU InformationPerNHM
facets	Kind Value Annotation minLength 6 maxLength 8
annotation	documentation Freight commodity (NHM)
source	<pre><xs:element name="FreightCommodity_NHM"> <xs:annotation> <xs:documentation>Freight commodity (NHM)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="6"/> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **FreightCommodityNHM**

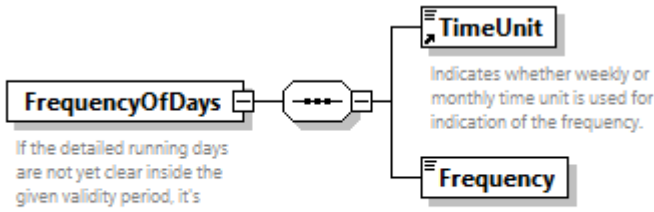
diagram	 The diagram shows a box labeled 'FreightCommodityNHM' with a small icon to its left. Below the box, the text 'Freight commodity (NHM)' is written.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:string									
properties	content simple									
used by	element InformationPerNHM									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>6</td><td></td></tr><tr><td>maxLength</td><td>8</td><td></td></tr></table>	Kind	Value	Annotation	minLength	6		maxLength	8	
Kind	Value	Annotation								
minLength	6									
maxLength	8									
annotation	documentation Freight commodity (NHM)									
source	<pre><xs:element name="FreightCommodityNHM"> <xs:annotation> <xs:documentation>Freight commodity (NHM)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="6"/> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

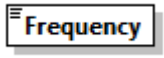
element **FreightFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element LocationPrimaryInformation
annotation	documentation Identifies that the Entity or Location is for Freight Activity
source	<pre> <xs:element name="FreightFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>Identifies that the Entity or Location is for Freight Activity</xs:documentation> </xs:annotation> </xs:element> </pre>

element **FrequencyOfDays**

diagram	 If the detailed running days are not yet clear inside the given validity period, it's possible to indicate only the number of expected running days per a selected time unit (week or month).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TimeUnit Frequency
used by	complexType PlannedCalendarExtendedType
annotation	documentation If the detailed running days are not yet clear inside the given validity period, it's possible to indicate only the number of expected running days per a selected time unit (week or month).
source	<pre> <xs:element name="FrequencyOfDays"> <xs:annotation> <xs:documentation>If the detailed running days are not yet clear inside the given validity period, it's possible to indicate only the number of expected running days per a selected time unit (week or month).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TimeUnit"/> <xs:element name="Frequency" type="xs:integer"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **FrequencyOfDays/Frequency**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:integer
properties	content simple
source	<pre> <xs:element name="Frequency" type="xs:integer"/> </pre>

element **GCU_RIV_ReuseCodes**

diagram	GCU_RIV_ReuseCodes GCU RIV re-use codes																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																		
type	restriction of xs:short																		
properties	content simple																		
used by	element ReuseOfWagon																		
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>70</td><td></td></tr><tr><td>enumeration</td><td>71</td><td></td></tr><tr><td>enumeration</td><td>72</td><td></td></tr><tr><td>enumeration</td><td>73</td><td></td></tr><tr><td>enumeration</td><td>74</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	70		enumeration	71		enumeration	72		enumeration	73		enumeration	74	
Kind	Value	Annotation																	
enumeration	70																		
enumeration	71																		
enumeration	72																		
enumeration	73																		
enumeration	74																		
annotation	documentation GCU RIV re-use codes documentation F																		
source	<pre><xs:element name="GCU_RIV_ReuseCodes"> <xs:annotation> <xs:documentation>GCU RIV re-use codes</xs:documentation> <xs:documentation>F</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="70"/> <xs:enumeration value="71"/> <xs:enumeration value="72"/> <xs:enumeration value="73"/> <xs:enumeration value="74"/> </xs:restriction> </xs:simpleType> </xs:element></pre>																		

element **GeneralParameters**

diagram

GeneralParameters



NumberOfLocos

Without the knowledge of the exact traction details, this field is used to indicate the number of locos planned for the particular object.

PushPullTrain

Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.

RollingStockType

Indicates the type of the rolling stock, used in the capacity product.

ETCSOnBoard

Without the knowledge of the exact traction details, this field is used to indicate whether the train is equipped with ETCS.

CombinedTrafficLoadProfile

This element does refer to combined load units that can be used for Freight Requests only.

There are two entry options:

- One option refers to "P" (Semi-trailer/road semi-trailer):
- The other option refers to "C" (Swap body):

The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet.

DangerousGoodsIndicator

Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication

ExceptionalGaugingInd

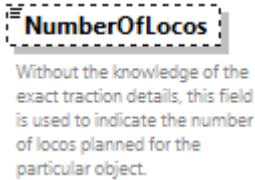
Indicates that an exceptional gauging is in the train or for the wagon - (true/false)

TiltingFunction

Indicates if a train uses a tilting system

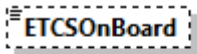
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NumberOfLocos PushPullTrain RollingStockType ETCSOnBoard CombinedTrafficLoadProfile DangerousGoodsIndicator ExceptionalGaugingInd TiltingFunction
used by	complexType PlannedLocationInfoType
source	<pre> <xs:element name="GeneralParameters"> <xs:complexType> <xs:sequence> <xs:element name="NumberOfLocos" type="xs:integer" minOccurs="0"> <xs:annotation> <xs:documentation>Without the knowledge of the exact traction details, this field is used to indicate the number of locos planned for the particular object.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="PushPullTrain" minOccurs="0"/> <xs:element ref="RollingStockType" minOccurs="0"/> <xs:element name="ETCSOnBoard" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Without the knowledge of the exact traction details, this field is used to indicate whether the train is equipped with ETCS.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="CombinedTrafficLoadProfile" minOccurs="0"/> <xs:element ref="DangerousGoodsIndicator" minOccurs="0"/> <xs:element ref="ExceptionalGaugingInd" minOccurs="0"/> <xs:element ref="TiltingFunction" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **GeneralParameters/NumberOfLocos**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:integer
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Without the knowledge of the exact traction details, this field is used to indicate the number of locos planned for the particular object.

source	<pre> <xs:element name="NumberOfLocos" type="xs:integer" minOccurs="0"> <xs:annotation> <xs:documentation>Without the knowledge of the exact traction details, this field is used to indicate the number of locos planned for the particular object.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **GeneralParameters/ETCSOnBoard**

diagram	 Without the knowledge of the exact traction details, this field is used to indicate whether the train is equipped with ETCS.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Without the knowledge of the exact traction details, this field is used to indicate whether the train is equipped with ETCS.
source	<pre> <xs:element name="ETCSOnBoard" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Without the knowledge of the exact traction details, this field is used to indicate whether the train is equipped with ETCS.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **GeographicalCoordinates**

diagram	 Longitude and latitude as defined in UIC Leafle 920-2
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	content simple
annotation	documentation Longitude and latitude as defined in UIC Leafle 920-2
source	<pre> <xs:element name="GeographicalCoordinates" type="xs:string"> <xs:annotation> <xs:documentation>Longitude and latitude as defined in UIC Leafle 920-2</xs:documentation> </pre>

	<code></xs:annotation></code> <code></xs:element></code>

element **GeographicCoordinates**

diagram	GeographicCoordinates Latitude and Longitude of location Latitude SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm Longitude If SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm Altitude Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m SRID ID of coordinates system used (EPSG code)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Latitude Longitude Altitude SRID
used by	elements GNSS DynamicPosition LocationPrimaryInformation LocationSubsidiaryInformation
annotation	documentation Latitude and Longitude of location
source	<pre> <xs:element name="GeographicCoordinates"> <xs:annotation> <xs:documentation>Latitude and Longitude of location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Latitude"> <xs:annotation> <xs:documentation>SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Longitude"> <xs:annotation> <xs:documentation>If SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:element ref="Altitude" minOccurs="0"/> <xs:element ref="SRID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **GeoLocalisation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	GNSS_DynamicPosition LocalisationPrecision
used by	elements GeoLocalisationOnNetwork RunningStatusReportMessage
annotation	documentation Geolocalisation that may be between two identified locations.
source	<pre> <xs:element name="GeoLocalisation"> <xs:annotation> <xs:documentation>Geolocalisation that may be between two identified locations. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="GNSS_DynamicPosition"/> <xs:element name="LocalisationPrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **GeoLocalisation/LocalisationPrecision**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:float

properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Precision of the position. Expressed in metres.
source	<pre><xs:element name="LocalisationPrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element></pre>

element **GeoLocalisationOnNetwork**

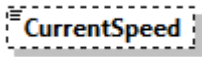
diagram	The diagram shows a box labeled GeoLocalisationOnNetwork with the description "Geolocalisation information crossed with network data." Below it, a dashed line indicates a sequence of two elements: GeoLocalisation (described as "Geolocalisation that may be between two identified locations.") and NetworkProjectedLocation (described as "Projection of a geographical position on a network line.").
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	GeoLocalisation NetworkProjectedLocation
used by	elements InterruptionPoint TrainLocationReport
annotation	documentation Geolocalisation information crossed with network data.
source	<pre><xs:element name="GeoLocalisationOnNetwork"> <xs:annotation> <xs:documentation>Geolocalisation information crossed with network data. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="GeoLocalisation" minOccurs="0"/> <xs:element ref="NetworkProjectedLocation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **GNSS_DynamicPosition**

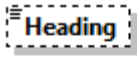
diagram	GeographicCoordinates + Latitude and Longitude of location CurrentSpeed Running speed of the train Heading Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West) AntennaDistanceFromFrontOfTrain Distance of the defined coordinates from the front of the train, in meters. SignalQuality + Indicates satellite communication signal quality
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	GeographicCoordinates CurrentSpeed Heading AntennaDistanceFromFrontOfTrain SignalQuality
used by	element GeoLocalisation
source	<pre> <xs:element name="GNSS_DynamicPosition"> <xs:complexType> <xs:sequence> <xs:element ref="GeographicCoordinates"/> <xs:element name="CurrentSpeed" type="RunningSpeed" minOccurs="0"/> <xs:element name="Heading" type="xs:integer" minOccurs="0"> <xs:annotation> <xs:documentation>Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AntennaDistanceFromFrontOfTrain" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Distance of the defined coordinates from the front of the train, in meters.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SignalQuality" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates satellite communication signal quality</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:sequence> <xs:element name="SatelliteHDOP" type="xs:decimal"> <xs:annotation> <xs:documentation>HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality </xs:documentation> </xs:annotation> </xs:element> <xs:element name="NumberOfVisibleSatellites" type="xs:integer"> <xs:annotation> <xs:documentation>Indicates the number of satellites being used in the position solution. Greater value indicates better quality.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **GNSS_DynamicPosition/CurrentSpeed**

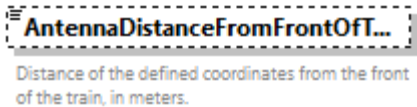
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	RunningSpeed
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive -999 maxInclusive 999
source	<code><xs:element name="CurrentSpeed" type="RunningSpeed" minOccurs="0"/></code>

element **GNSS_DynamicPosition/Heading**

diagram	 Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:integer
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)
source	<pre><xs:element name="Heading" type="xs:integer" minOccurs="0"> <xs:annotation> <xs:documentation>Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)</xs:documentation> </xs:annotation> </xs:element></pre>

element **GNSS_DynamicPosition/AntennaDistanceFromFrontOfTrain**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:float
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Distance of the defined coordinates from the front of the train, in meters.
source	<pre><xs:element name="AntennaDistanceFromFrontOfTrain" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Distance of the defined coordinates from the front of the train, in meters.</xs:documentation> </xs:annotation> </xs:element></pre>

element **GNSS_DynamicPosition/SignalQuality**

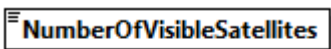
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	SatelliteHDOP NumberOfVisibleSatellites
annotation	documentation Indicates satellite communication signal quality
source	<pre> <xs:element name="SignalQuality" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates satellite communication signal quality</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SatelliteHDOP" type="xs:decimal"> <xs:annotation> <xs:documentation>HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality </xs:documentation> </xs:annotation> </xs:element> <xs:element name="NumberOfVisibleSatellites" type="xs:integer"> <xs:annotation> <xs:documentation>Indicates the number of satellites being used in the position solution. Greater value indicates better quality.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<code></xs:complexType></code> <code></xs:element></code>

element **GNSS_DynamicPosition/SignalQuality/SatelliteHDOP**

diagram	 HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:decimal
properties	content simple
annotation	documentation HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality
source	<pre><xs:element name="SatelliteHDOP" type="xs:decimal"> <xs:annotation> <xs:documentation>HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality </xs:documentation> </xs:annotation> </xs:element></pre>

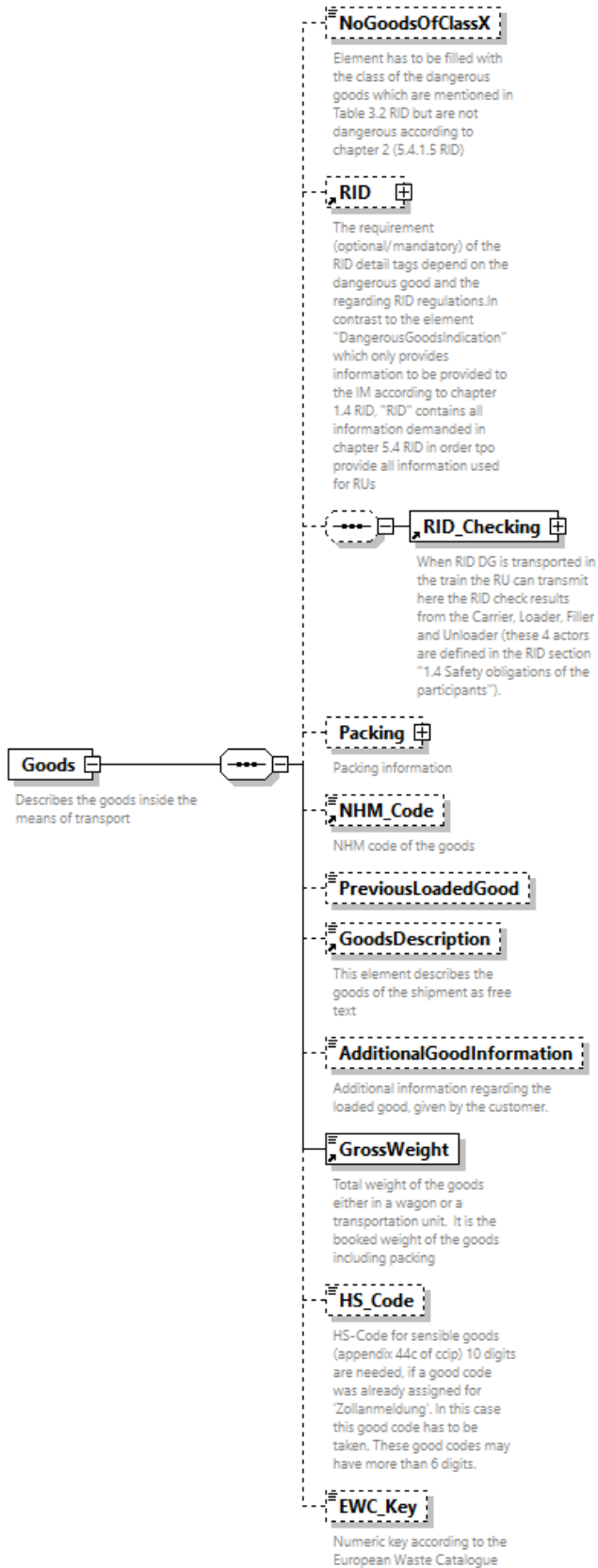
element **GNSS_DynamicPosition/SignalQuality/NumberOfVisibleSatellites**

diagram	 Indicates the number of satellites being used in the position solution. Greater value indicates better quality.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	xs:integer
properties	content simple
annotation	documentation Indicates the number of satellites being used in the position solution. Greater value indicates better quality.
source	<pre> <xs:element name="NumberOfVisibleSatellites" type="xs:integer"> <xs:annotation> <xs:documentation>Indicates the number of satellites being used in the position solution. Greater value indicates better quality.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Goods**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NoGoodsOfClassX RID RID Checking Packing NHM Code PreviousLoadedGood GoodsDescription AdditionalGoodInformation GrossWeight HS Code EWC Key
used by	elements ILU ITU RollingRoadUnit
annotation	documentation Describes the goods inside the means of transport
source	<pre> <xs:element name="Goods"> <xs:annotation> <xs:documentation>Describes the goods inside the means of transport</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="RID" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="RID_Checking"> <xs:annotation> <xs:documentation>When RID DG is transported in the train the RU can transmit here the RID check results from the Carrier, Loader, Filler and Unloader (these 4 actors are defined in the RID section "1.4 Safety obligations of the participants").</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> <xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommandation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

        <xs:restriction base="xs:string">
            <xs:maxLength value="2"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="NumberOfPackages" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Number of packages.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="PackageIdentification" minOccurs="0"
maxOccurs="99">
    <xs:annotation>
        <xs:documentation>Particular marks and numbers to identify less
than wagon load assignments.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
    <xs:element ref="ReferenceNumbers" minOccurs="0" maxOccurs="99"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="NHM_Code" minOccurs="0"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/>
<xs:element ref="GoodsDescription" minOccurs="0"/>
<xs:element name="AdditionalGoodInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information regarding the loaded good,
given by the customer.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="1000"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="GrossWeight"/>
<xs:element name="HS_Code" minOccurs="0">
    <xs:annotation>
        <xs:documentation>HS-Code for sensible goods (appendix 44c of ccip) 10
digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this
case this good code has to be taken. These good codes may have more than 6

```

	<pre> digits.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="6"/> <xs:maxLength value="10"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="EWC_Key" minOccurs="0"> <xs:annotation> <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation> <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Goods/NoGoodsOfClassX**

diagram	NoGoodsOfClassX Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 4
annotation	documentation Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)
source	<xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation>

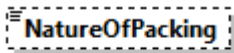
	<pre> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Goods/Packing**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	NatureOfPacking NumberOfPackages PackageIdentification ReferenceNumbers
annotation	documentation Packing information
source	<pre> <xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> </pre>

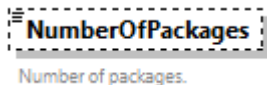
	<pre> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ReferenceNumbers" minOccurs="0" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Goods/Packing/NatureOfPacking**

diagram	 Nature of packing according to the UN/ECE Recommendation No 21
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1

	maxLength 2
annotation	documentation Nature of packing according to the UN/ECE Recommendation No 21 documentation CODE: UN/ECE-Recommendation No. 21
source	<pre> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

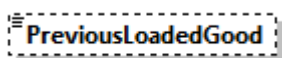
element **Goods/Packing/NumberOfPackages**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Number of packages.									
source	<pre><xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Goods/Packing/PackageIdentification**

diagram	PackageIdentification 0..99 Particular marks and numbers to identify less than wagon load assignments.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 99 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Particular marks and numbers to identify less than wagon load assignments.									
source	<pre><xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

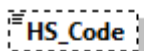
element **Goods/PreviousLoadedGood**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	NHMCodeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
source	<xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/>

element **Goods/AdditionalGoodInformation**

diagram	AdditionalGoodInformation Additional information regarding the loaded good, given by the customer.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>1000</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	1000	
Kind	Value	Annotation								
minLength	1									
maxLength	1000									
annotation	documentation Additional information regarding the loaded good, given by the customer.									
source	<pre><xs:element name="AdditionalGoodInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the loaded good, given by the customer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="1000"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Goods/HS_Code**

diagram	 HS_Code HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>6</td><td></td></tr><tr><td>maxLength</td><td>10</td><td></td></tr><tr><td>pattern</td><td>\d*[1-9]\d*</td><td></td></tr></table>	Kind	Value	Annotation	minLength	6		maxLength	10		pattern	\d*[1-9]\d*	
Kind	Value	Annotation											
minLength	6												
maxLength	10												
pattern	\d*[1-9]\d*												

annotation	documentation HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.
source	<pre> <xs:element name="HS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="6"/> <xs:maxLength value="10"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Goods/EWC_Key**

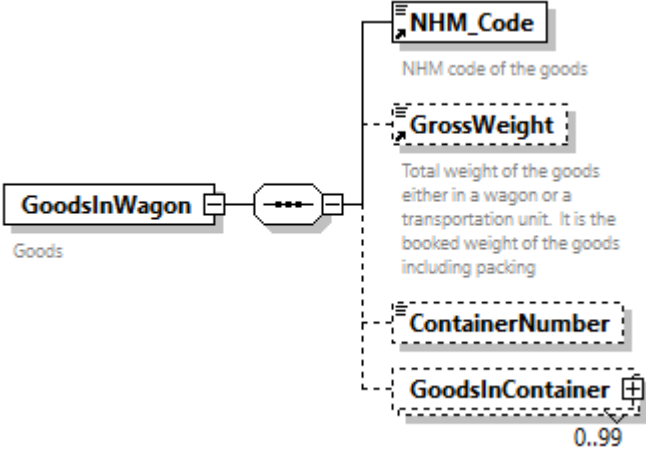
diagram	EWC_Key Numeric key according to the European Waste Catalogue
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc0 maxOcc1 contentsimple
facets	KindValueAnnotation minLength2 maxLength6 pattern\d*
annotation	documentation Numeric key according to the European Waste Catalogue documentation CODE: European waste catalogue (EWC) 2000/532/EC
source	<pre><xs:element name="EWC_Key" minOccurs="0"> <xs:annotation> <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation> <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

	<pre> <xs:pattern value="\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **GoodsDescription**

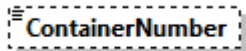
diagram	GoodsDescription This element describes the goods of the shipment as free text									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	elements Goods Wagons/GoodslInWagon									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation This element describes the goods of the shipment as free text									
source	<pre><xs:element name="GoodsDescription" type="FreeText"> <xs:annotation> <xs:documentation>This element describes the goods of the shipment as free text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **GoodslInWagon**

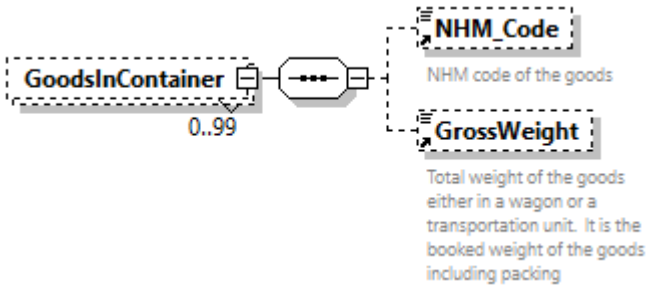
diagram	 GoodslInWagon Goods NHM_Code NHM code of the goods GrossWeight Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing ContainerNumber GoodslInContainer 0..99
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex

children	NHM Code GrossWeight ContainerNumber GoodsInContainer
used by	element WagonInformation
annotation	documentation Goods
source	<pre> <xs:element name="GoodsInWagon"> <xs:annotation> <xs:documentation>Goods</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code"/> <xs:element ref="GrossWeight" minOccurs="0"/> <xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/> <xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code" minOccurs="0"/> <xs:element ref="GrossWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **GoodsInWagon/ContainerNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	EquipmentNumberType									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>13</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation								
minLength	1									
maxLength	13									
source	<xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/>									

element **GoodsInWagon/GoodsInContainer**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 99 content complex
children	NHM_Code GrossWeight
source	<pre> <xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code" minOccurs="0"/> <xs:element ref="GrossWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **GrossWeight**

diagram	GrossWeight Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	elements Goods GoodsInWagon/GoodsInContainer GoodsInWagon Wagons/GoodsInWagon ILU Data												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing												
source	<xs:element name="GrossWeight" type="WeightValueKilo"> <xs:annotation>												

	<pre> <xs:documentation>Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing </xs:documentation> </xs:annotation> </xs:element> </pre>

element **HandBrake**

diagram	<pre> classDiagram class HandBrake class HandBrakeType { Classification of hand brake according to IRS 90920-13; A.3.2 } class ParkingBrakeForces { Indicates the parking brake force of the hand brake for different conditions. } HandBrake --> HandBrakeType HandBrake --> ParkingBrakeForces </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	HandBrakeType ParkingBrakeForces
used by	elements RollingStockDataset/DesignDataSet RollingStockTechnicalData Traction
source	<pre> <xs:element name="HandBrake"> <xs:complexType> <xs:sequence> <xs:element ref="HandBrakeType"/> <xs:element name="ParkingBrakeForces" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Indicates the parking brake force of the hand brake for different conditions.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="MinParkingBrakeForce" type="ParkingBrakeForceType" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Parking brake force of the freight wagon when unloaded. In kiloNewtons</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MaxParkingBrakeForce" type="ParkingBrakeForceType" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Maximum parking brake force of the freight wagon when loaded. In kiloNewtons</xs:documentation> </xs:annotation> </xs:element> <xs:element name="NumberOfBrakedAxles" type="Numeric2-2" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Number of axles on which the parking brake </pre>

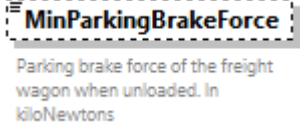
	<code>acts.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></code>

element **HandBrake/ParkingBrakeForces**

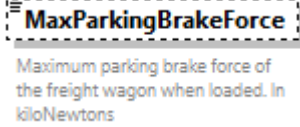
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	MinParkingBrakeForce MaxParkingBrakeForce NumberOfBrakedAxes
annotation	documentation Indicates the parking brake force of the hand brake for different conditions.
source	<pre><xs:element name="ParkingBrakeForces" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Indicates the parking brake force of the hand brake for different conditions.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="MinParkingBrakeForce" type="ParkingBrakeForceType" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Parking brake force of the freight wagon when unloaded. In kiloNewtons</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MaxParkingBrakeForce" type="ParkingBrakeForceType" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Maximum parking brake force of the freight wagon when loaded. In kiloNewtons</xs:documentation> </xs:annotation> </xs:element> <xs:element name="NumberOfBrakedAxes" type="xsd:integer" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Number of axes on which the parking brake acts.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> </xs:annotation> </xs:element> <xs:element name="NumberOfBrakedAxles" type="Numeric2-2" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Number of axles on which the parking brake acts.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **HandBrake/ParkingBrakeForces/MinParkingBrakeForce**

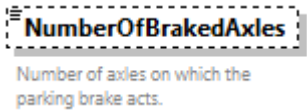
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ParkingBrakeForceType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 4 fractionDigits 1
annotation	documentation Parking brake force of the freight wagon when unloaded. In kiloNewtons
source	<pre> <xs:element name="MinParkingBrakeForce" type="ParkingBrakeForceType" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Parking brake force of the freight wagon when unloaded. In kiloNewtons</xs:documentation> </xs:annotation> </xs:element> </pre>

element **HandBrake/ParkingBrakeForces/MaxParkingBrakeForce**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ParkingBrakeForceType
properties	minOcc 0

	maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 4 fractionDigits 1
annotation	documentation Maximum parking brake force of the freight wagon when loaded. In kiloNewtons
source	<pre> <xs:element name="MaxParkingBrakeForce" type="ParkingBrakeForceType" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Maximum parking brake force of the freight wagon when loaded. In kiloNewtons</xs:documentation> </xs:annotation> </xs:element> </pre>

element **HandBrake/ParkingBrakeForces/NumberOfBrakedAxles**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric2-2
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
annotation	documentation Number of axles on which the parking brake acts.
source	<pre> <xs:element name="NumberOfBrakedAxles" type="Numeric2-2" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Number of axles on which the parking brake acts.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Handbrake**

diagram	Handbrake Handbrake HandBrakeType Classification of hand brake according to IRS 90920-13; A.3.2 HandBrakedWeight Braked weight ParkingBrakeForce Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	HandBrakeType HandBrakedWeight ParkingBrakeForce
used by	element WagonDataHERMES/WagonTechDataHERMES
annotation	documentation Handbrake
source	<pre> <xs:element name="Handbrake"> <xs:annotation> <xs:documentation>Handbrake</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="HandBrakeType"/> <xs:element ref="HandBrakedWeight" minOccurs="0"/> <xs:element ref="ParkingBrakeForce" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **HandBrakedWeight**

diagram	

	maxInclusive 999
annotation	documentation Braked weight
source	<pre> <xs:element name="HandBrakedWeight"> <xs:annotation> <xs:documentation>Braked weight</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **HandBrakeStatus**

diagram	HandBrakeStatus Handbrake status															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
used by	element ActualOperationalWagonData															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>D</td><td></td></tr><tr><td>enumeration</td><td>X</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	D		enumeration	X	
Kind	Value	Annotation														
enumeration	1															
enumeration	2															
enumeration	D															
enumeration	X															
annotation	documentation Handbrake status															
source	<pre><xs:element name="HandBrakeStatus"> <xs:annotation> <xs:documentation>Handbrake status</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="D"/> <xs:enumeration value="X"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element **HandBrakeType**

diagram	HandBrakeType Classification of hand brake according to IRS 90920-13; A.3.2												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:token												
properties	content simple												
used by	elements Handbrake HandBrake UnitTechnicalData WagonTechData												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>0</td><td>documentation No hand brake</td></tr><tr><td>enumeration</td><td>1</td><td>documentation Ground-operated hand brake</td></tr><tr><td>enumeration</td><td>2</td><td>documentation Platform-operated hand brake</td></tr></tbody></table>	Kind	Value	Annotation	enumeration	0	documentation No hand brake	enumeration	1	documentation Ground-operated hand brake	enumeration	2	documentation Platform-operated hand brake
Kind	Value	Annotation											
enumeration	0	documentation No hand brake											
enumeration	1	documentation Ground-operated hand brake											
enumeration	2	documentation Platform-operated hand brake											
annotation	documentation Classification of hand brake according to IRS 90920-13; A.3.2												
source	<pre><xs:element name="HandBrakeType"> <xs:annotation> <xs:documentation>Classification of hand brake according to IRS 90920-13; A.3.2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>No hand brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Ground-operated hand brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Platform-operated hand brake</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **HandbrakeWeight**

diagram	HandbrakeWeight Handbraked weight									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element LocoBrakeEquipment									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Handbraked weight									
source	<pre><xs:element name="HandbrakeWeight"> <xs:annotation> <xs:documentation>Handbraked weight</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **HandlingInstruction**

diagram	☰ HandlingInstruction Special instructions regarding the handling of the wagon or shipment in free text									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Special instructions regarding the handling of the wagon or shipment in free text									
source	<xs:element name="HandlingInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Special instructions regarding the handling of the wagon or shipment in free text</xs:documentation> </xs:annotation>									

	<code></xs:element></code>

element **HandoverPointFlag**

diagram	 Identifies if the location is a Handover Point from IM to IM
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
used by	element LocationPrimaryInformation
annotation	documentation Identifies if the location is a Handover Point from IM to IM
source	<pre><xs:element name="HandoverPointFlag"> <xs:annotation> <xs:documentation>Identifies if the location is a Handover Point from IM to IM</xs:documentation> </xs:annotation> </xs:element></pre>

element **HazardIdentificationNumber**

diagram	HazardIdentificationNumber This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element ListOfDangerousGoods									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	4	
Kind	Value	Annotation								
minLength	2									
maxLength	4									
annotation	documentation This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.									
source	<pre><xs:element name="HazardIdentificationNumber"> <xs:annotation> <xs:documentation>This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<pre> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Height**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Value Measure
used by	element Dimensions complexType DimensionValue
annotation	documentation Height of ITU
source	<pre> <xs:element name="Height"> <xs:annotation> <xs:documentation>Height of ITU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **HeightOfUnit**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	content simple
used by	element ILU Data
facets	Kind Value Annotation minInclusive 1 maxInclusive 9999
annotation	documentation Height of unit

source	<pre> <xs:element name="HeightOfUnit"> <xs:annotation> <xs:documentation>Height of unit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **HermesHeader**

diagram	<pre> graph LR HH[HermesHeader Message header] --- S[Sender Sending railway company] HH --- R[Recipient Receiving railway company] </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Sender Recipient
used by	element TrainCompositionHermesCompatibleMessage
annotation	documentation Message header
source	<pre> <xs:element name="HermesHeader"> <xs:annotation> <xs:documentation>Message header</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Sender" type="CompanyCode"> <xs:annotation> <xs:documentation>Sending railway company</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Recipient" type="CompanyCode"> <xs:annotation> <xs:documentation>Receiving railway company</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **HermesHeader/Sender**

diagram	Sender Sending railway company												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	element MessageHeader												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Sending railway company												
source	<pre><xs:element name="Sender" type="CompanyCode"> <xs:annotation> <xs:documentation>Sending railway company</xs:documentation> </xs:annotation> </xs:element></pre>												

element **HermesHeader/Recipient**

diagram	Recipient Receiving railway company												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	element MessageHeader												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Receiving railway company												
source	<pre><xs:element name="Recipient" type="CompanyCode"> <xs:annotation> <xs:documentation>Receiving railway company</xs:documentation> </xs:annotation> </xs:element></pre>												

element **HighestPlannedSpeed**

diagram	HighestPlannedSpeed IM may inform the RA of the maximum theoretical speed, according to path construction. This information is not safety-relevant, it doesn't replace in any case the information given by signals or network technical documents. The respect of speed limitations is the responsibility of the operating RU.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Speed									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>001</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation IM may inform the RA of the maximum theoretical speed, according to path construction. This information is not safety-relevant, it doesn't replace in any case the information given by signals or network technical documents. The respect of speed limitations is the responsibility of the operating RU.									
source	<pre><xs:element name="HighestPlannedSpeed" type="Speed"> <xs:annotation> <xs:documentation>IM may inform the RA of the maximum theoretical speed, according to path construction. This information is not safety-relevant, it doesn't replace in any case the information given by signals or network technical documents. The respect of speed limitations is the responsibility of the operating RU.</xs:documentation> </xs:annotation> </xs:element></pre>									

element **Hitch**

diagram	Hitch Information on the hitches of container wagons in terms of pull out forces and the maintenance regime HitchID Unique number of the hitch for identification reasons CompliancePullOutForce Information on whether the hitch is modified and can withstand at least 85 kN pull out forces. Corresponds to the wagon inscription with a green dot. DateLastInspection Date of the last inspection of the hitch as marked on the wagon. Date format in the structure MM/YY without a slash in the middle. InspectionInterval Validity of the last inspection of the hitch. Specified in months.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	HitchID CompliancePullOutForce DateLastInspection InspectionInterval
annotation	documentation Information on the hitches of container wagons in terms of pull out forces and the maintenance regime
source	<pre> <xs:element name="Hitch"> <xs:annotation> <xs:documentation>Information on the hitches of container wagons in terms of pull out forces and the maintenance regime</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="HitchID" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Unique number of the hitch for identification reasons</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CompliancePullOutForce" type="xs:boolean" minOccurs="1" maxOccurs="1"> <xs:annotation> <xs:documentation>Information on whether the hitch is modified and can withstand at least 85 kN pull out forces. Corresponds to the wagon inscription with a green dot.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:annotation> </xs:element> <xs:element name="DateLastInspection" type="String4-4" minOccurs="1" maxOccurs="1"> <xs:annotation> <xs:documentation>Date of the last inspection of the hitch as marked on the wagon. Date format in the structure MM/YY without a slash in the middle.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InspectionInterval" type="Numeric2-2" minOccurs="1" maxOccurs="1"> <xs:annotation> <xs:documentation>Validity of the last inspection of the hitch. Specified in months.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Hitch/HitchID**

diagram	 Unique number of the hitch for identification reasons
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 255
annotation	documentation Unique number of the hitch for identification reasons
source	<pre> <xs:element name="HitchID" minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Unique number of the hitch for identification reasons</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Hitch/CompliancePullOutForce**

diagram	 Information on whether the hitch is modified and can withstand at least 85 kN pull out forces. Corresponds to the wagon inscription with a green dot.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Information on whether the hitch is modified and can withstand at least 85 kN pull out forces. Corresponds to the wagon inscription with a green dot.
source	<pre><xs:element name="CompliancePullOutForce" type="xs:boolean" minOccurs="1" maxOccurs="1"> <xs:annotation> <xs:documentation>Information on whether the hitch is modified and can withstand at least 85 kN pull out forces. Corresponds to the wagon inscription with a green dot.</xs:documentation> </xs:annotation> </xs:element></pre>

element **Hitch/DateLastInspection**

diagram	DateLastInspection Date of the last inspection of the hitch as marked on the wagon. Date format in the structure MM/YY without a slash in the middle.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	<u>String4-4</u>									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4	
Kind	Value	Annotation								
minLength	4									
maxLength	4									
annotation	documentation Date of the last inspection of the hitch as marked on the wagon. Date format in the structure MM/YY without a slash in the middle.									
source	<pre><xs:element name="DateLastInspection" type="String4-4" minOccurs="1" maxOccurs="1"> <xs:annotation> <xs:documentation>Date of the last inspection of the hitch as marked on the wagon. Date format in the structure MM/YY without a slash in the middle.</xs:documentation> </xs:annotation> </xs:element></pre>									

	</xs:element>

element **Hitch/InspectionInterval**

diagram	InspectionInterval Validity of the last inspection of the hitch. Specified in months.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric2-2									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>01</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Validity of the last inspection of the hitch. Specified in months.									
source	<pre><xs:element name="InspectionInterval" type="Numeric2-2" minOccurs="1" maxOccurs="1"> <xs:annotation> <xs:documentation>Validity of the last inspection of the hitch. Specified in months.</xs:documentation> </xs:annotation> </xs:element></pre>									

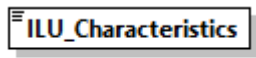
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers ReasonOfReference
used by	elements UpdateLinkMessage/Operation PathCanceledMessage PathConfirmedMessage PathCoordinationMessage PathDetailsMessage PathDetailsRefusedMessage ObjectInfoMessage/TrainInformationExtended/PathInformationExtended ObjectInfoMessage/PathInformationExtended PathNotAvailableMessage PathRequestMessage PathSectionNotificationMessage ReceiptConfirmationMessage ObjectInfoMessage/TrainInformationExtended complexTypees CapacityModelType TCRType
source	<pre> <xs:element name="Identifiers"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:sequence minOccurs="0" maxOccurs="unbounded"> <xs:element ref="RelatedPlannedTransportIdentifiers"/> <xs:element ref="ReasonOfReference" minOccurs="0"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

element ILU

diagram	<pre> classDiagram class ILU { "Describes the type and content of an IntermodalTransportUnit" } class ILU_Details { "Details for Intermodal Transport Unit on wagon" } class LoadingTackles { "Describes the loading tackles used inside the unit" } class Goods { "Describes the goods inside the means of transport" } class SummaryOfGoodsWithSameR... { "This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and proper shipping name in the wagon. The added amount of the dangerous goods are to be stored" } ILU --> ILU_Details ILU --> LoadingTackles : 0..99 ILU --> Goods : 0..99 ILU --> SummaryOfGoodsWithSameR... : 0..25 </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex

children	ILU Details LoadingTackles Goods SummaryOFGoodsWithSameRID
used by	element Wagons/GoodsInWagon
annotation	documentation Describes the type and content of an IntermodalTransportUnit
source	<pre> <xs:element name="ILU"> <xs:annotation> <xs:documentation>Describes the type and content of an IntermodalTransportUnit</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ILU_Details"> <xs:annotation> <xs:documentation>Details for Intermodal Transport Unit on wagon</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="LoadingTackles" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Describes the loading tackles used inside the unit</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Goods" minOccurs="0" maxOccurs="99"/> <xs:element ref="SummaryOFGoodsWithSameRID" minOccurs="0" maxOccurs="25"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ILU_Characteristics**

diagram	 ITU-Characteristics															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:short															
properties	content simple															
used by	element ILU Data															
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>96</td><td></td></tr><tr><td>enumeration</td><td>97</td><td></td></tr><tr><td>enumeration</td><td>98</td><td></td></tr><tr><td>enumeration</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	96		enumeration	97		enumeration	98		enumeration	99	
Kind	Value	Annotation														
enumeration	96															
enumeration	97															
enumeration	98															
enumeration	99															
annotation	documentation ITU-Characteristics															
source	<pre><xs:element name="ILU_Characteristics"> <xs:annotation></pre>															

	<pre> <xs:documentation>ITU-Characteristics</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="96"/> <xs:enumeration value="97"/> <xs:enumeration value="98"/> <xs:enumeration value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ILU_CommercialForwardingData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CommercialOrigin CommercialDestination
used by	element ILU_Data
annotation	documentation ITU - commercial forwarding data
source	<pre> <xs:element name="ILU_CommercialForwardingData"> <xs:annotation> <xs:documentation>ITU - commercial forwarding data</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CommercialOrigin" minOccurs="0"> <xs:annotation> <xs:documentation>Origin for the commercial department</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element name="SubsidiaryLocationType" minOccurs="0"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> </pre>

```

        <xs:enumeration value="42"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element ref="SubsidiaryLocationCode" minOccurs="0"/>
  <xs:element ref="AllocationCompany" minOccurs="0"/>
  <xs:element ref="LocationSubsidiaryName" minOccurs="0"/>
  <xs:element name="ForwardingRU" type="CompanyCode" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Forwarding RU</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="DispatchNumber" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Dispatch number</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:integer">
        <xs:totalDigits value="5"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="DispatchDate" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Dispatch date</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:date"/>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Additional_ILU_Information" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Additional Information</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="ConsignorClientCode" minOccurs="0"/>
        <xs:element ref="ConsignorClientName" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CommercialDestination" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Destination for the commercial
department</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CountryCodeISO"/>
      <xs:element ref="LocationPrimaryCode"/>
      <xs:element ref="PrimaryLocationName" minOccurs="0"/>
      <xs:element ref="DestinationRU" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

```

```
<xs:element name="SubsidiaryLocationType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Subsidiary location type</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:short">
      <xs:enumeration value="42"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="SubsidiaryLocationCode" minOccurs="0"/>
<xs:element ref="AllocationCompany" minOccurs="0"/>
<xs:element ref="LocationSubsidiaryName" minOccurs="0"/>
<xs:element name="Additional_ILU_Information" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional Information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="ConsigneeClientCode" minOccurs="0"/>
      <xs:element ref="ConsigneeClientName" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:element>
```

element **ILU_CommercialForwardingData/CommercialOrigin**

diagram	CommercialOrigin Origin for the commercial department CountryCodeISO Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName Location Name in an offication language of the Country using the ISO Unicode alphabet SubsidiaryLocationType Subsidiary location type SubsidiaryLocationCode Subsidiary location code AllocationCompany Name of company who is responsible for allocation and maintenance of codes LocationSubsidiaryName To be completed in an official language of the Country using the ISO Unicode alphabet ForwardingRU Forwarding RU DispatchNumber Dispatch number DispatchDate Dispatch date Additional_ILU_Information Additional Information
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName SubsidiaryLocationType SubsidiaryLocationCode AllocationCompany LocationSubsidiaryName ForwardingRU DispatchNumber DispatchDate Additional_ILU_Information
annotation	documentation Origin for the commercial department
source	<pre><xs:element name="CommercialOrigin" minOccurs="0"> <xs:annotation></pre>

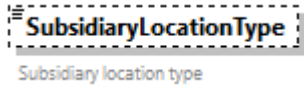
```

<xs:documentation>Origin for the commercial department</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="CountryCodeISO"/>
    <xs:element ref="LocationPrimaryCode"/>
    <xs:element ref="PrimaryLocationName" minOccurs="0"/>
    <xs:element name="SubsidiaryLocationType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Subsidiary location type</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:short">
          <xs:enumeration value="42"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="SubsidiaryLocationCode" minOccurs="0"/>
    <xs:element ref="AllocationCompany" minOccurs="0"/>
    <xs:element ref="LocationSubsidiaryName" minOccurs="0"/>
    <xs:element name="ForwardingRU" type="CompanyCode" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Forwarding RU</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="DispatchNumber" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Dispatch number</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:integer">
          <xs:totalDigits value="5"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DispatchDate" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Dispatch date</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:date"/>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Additional_ILU_Information" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Additional Information</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element ref="ConsignorClientCode" minOccurs="0"/>
          <xs:element ref="ConsignorClientName" minOccurs="0"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>

```


	<code></xs:complexType></code> <code></xs:element></code>

element **ILU CommercialForwardingData/CommercialOrigin/SubsidiaryLocationType**

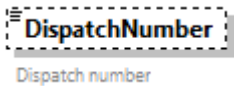
diagram	 Subsidiary location type						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:short						
properties	minOcc 0 maxOcc 1 content simple						
used by	elements CustomsClearingPoint WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation IntermediateHandling						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>42</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	42	
Kind	Value	Annotation					
enumeration	42						
annotation	documentation Subsidiary location type						
source	<pre><xs:element name="SubsidiaryLocationType" minOccurs="0"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="42"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **ILU CommercialForwardingData/CommercialOrigin/ForwardingRU**

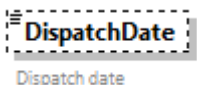
diagram	ForwardingRU Forwarding RU
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompanyCode
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Forwarding RU

source	<pre> <xs:element name="ForwardingRU" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Forwarding RU</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ILU_CommercialForwardingData/CommercialOrigin/DispatchNumber**

diagram	 The diagram shows a dashed box labeled "DispatchNumber" with the text "Dispatch number" below it.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
used by	element WagonDataHERMES/Consignmentdata/CommercialForwardingData
facets	Kind Value Annotation totalDigits 5
annotation	documentation Dispatch number
source	<pre> <xs:element name="DispatchNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Dispatch number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="5"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ILU_CommercialForwardingData/CommercialOrigin/DispatchDate**

diagram	 The diagram shows a dashed box labeled "DispatchDate" with the text "Dispatch date" below it.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:date
properties	minOcc 0 maxOcc 1 content simple
used by	element WagonDataHERMES/Consignmentdata/CommercialForwardingData
annotation	documentation Dispatch date

source	<pre> <xs:element name="DispatchDate" minOccurs="0"> <xs:annotation> <xs:documentation>Dispatch date</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:date"/> </xs:simpleType> </xs:element> </pre>

element **ILU CommercialForwardingData/CommercialOrigin/Additional_ILU_Information**

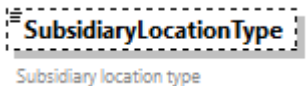
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ConsignorClientCode ConsignorClientName
annotation	documentation Additional Information
source	<pre> <xs:element name="Additional_ILU_Information" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ConsignorClientCode" minOccurs="0"/> <xs:element ref="ConsignorClientName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ILU_CommercialForwardingData/CommercialDestination**

diagram	CommercialDestination Destination for the commercial department CountryCodeISO Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName Location Name in an offication language of the Country using the ISO Unicode alphabet DestinationRU SubsidiaryLocationType Subsidiary location type SubsidiaryLocationCode Subsidiary location code AllocationCompany Name of company who is responsible for allocation and maintenance of codes LocationSubsidiaryName To be completed in an official language of the Country using the ISO Unicode alphabet Additional_ILU_Information Additional Information
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName DestinationRU SubsidiaryLocationType SubsidiaryLocationCode AllocationCompany LocationSubsidiaryName Additional_ILU_Information
annotation	documentation Destination for the commercial department
source	<pre> <xs:element name="CommercialDestination" minOccurs="0"> <xs:annotation> <xs:documentation>Destination for the commercial department</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element ref="DestinationRU" minOccurs="0"/> </pre>

	<pre> <xs:element name="SubsidiaryLocationType" minOccurs="0"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="42"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="SubsidiaryLocationCode" minOccurs="0"/> <xs:element ref="AllocationCompany" minOccurs="0"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> <xs:element name="Additional_ILU_Information" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ConsigneeClientCode" minOccurs="0"/> <xs:element ref="ConsigneeClientName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ILU_CommercialForwardingData/CommercialDestination/SubsidiaryLocationType**

diagram	 The diagram shows a box labeled "SubsidiaryLocationType" with a dashed border. Below the box, the text "Subsidiary location type" is written.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	minOcc 0 maxOcc 1 content simple
used by	elements CustomsClearingPoint WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation IntermediateHandling
facets	Kind Value Annotation enumeration 42
annotation	documentation Subsidiary location type
source	<pre> <xs:element name="SubsidiaryLocationType" minOccurs="0"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> </pre>

	<pre> <xs:enumeration value="42"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ILU_CommercialForwardingData/CommercialDestination/Additional_ILU_Information**

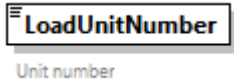
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ConsigneeClientCode ConsigneeClientName
annotation	documentation Additional Information
source	<pre> <xs:element name="Additional_ILU_Information" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ConsigneeClientCode" minOccurs="0"/> <xs:element ref="ConsigneeClientName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ILU_Data**

diagram	The diagram illustrates the structure of the ILU_Data element, which represents intermodal transport data. It is a complex type containing the following child elements: TypeOfLoadUnit: Type of unit LoadUnitNumber: Unit number Length_ft: Length (ft) Length_mm: Length (mm) HeightOfUnit: Height of unit TareOfUnit: Tare of unit GrossWeight: Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing ILU_CommercialForwardingData: ITU - commercial forwarding data ILU_InformationPerNHM: ITU information per NHM (Cardinality: 0..99) CombinedTransportProfileNum...: Combined transport profile number ILU_Characteristics: ITU-Characteristics (Cardinality: 0..9) CustomsProcedure: Type of customs procedure applied (Cardinality: 0..9)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TypeOfLoadUnit LoadUnitNumber Length_ft Length_mm HeightOfUnit TareOfUnit GrossWeight ILU_CommercialForwardingData ILU_InformationPerNHM CombinedTransportProfileNumber

	ILU Characteristics CustomsProcedure
used by	element InformationPerNHM
annotation	documentation Intermodal transport data
source	<pre> <xs:element name="ILU_Data"> <xs:annotation> <xs:documentation>Intermodal transport data</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TypeOfLoadUnit"/> <xs:element name="LoadUnitNumber"> <xs:annotation> <xs:documentation>Unit number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="11"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Length_ft" minOccurs="0"/> <xs:element ref="Length_mm" minOccurs="0"/> <xs:element ref="HeightOfUnit" minOccurs="0"/> <xs:element ref="TareOfUnit" minOccurs="0"/> <xs:element ref="GrossWeight" minOccurs="0"/> <xs:element ref="ILU_CommercialForwardingData" minOccurs="0"/> <xs:element ref="ILU_InformationPerNHM" minOccurs="0" maxOccurs="99"/> <xs:element ref="CombinedTransportProfileNumber" minOccurs="0"/> <xs:element ref="ILU_Characteristics" minOccurs="0" maxOccurs="9"/> <xs:element ref="CustomsProcedure" minOccurs="0" maxOccurs="9"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

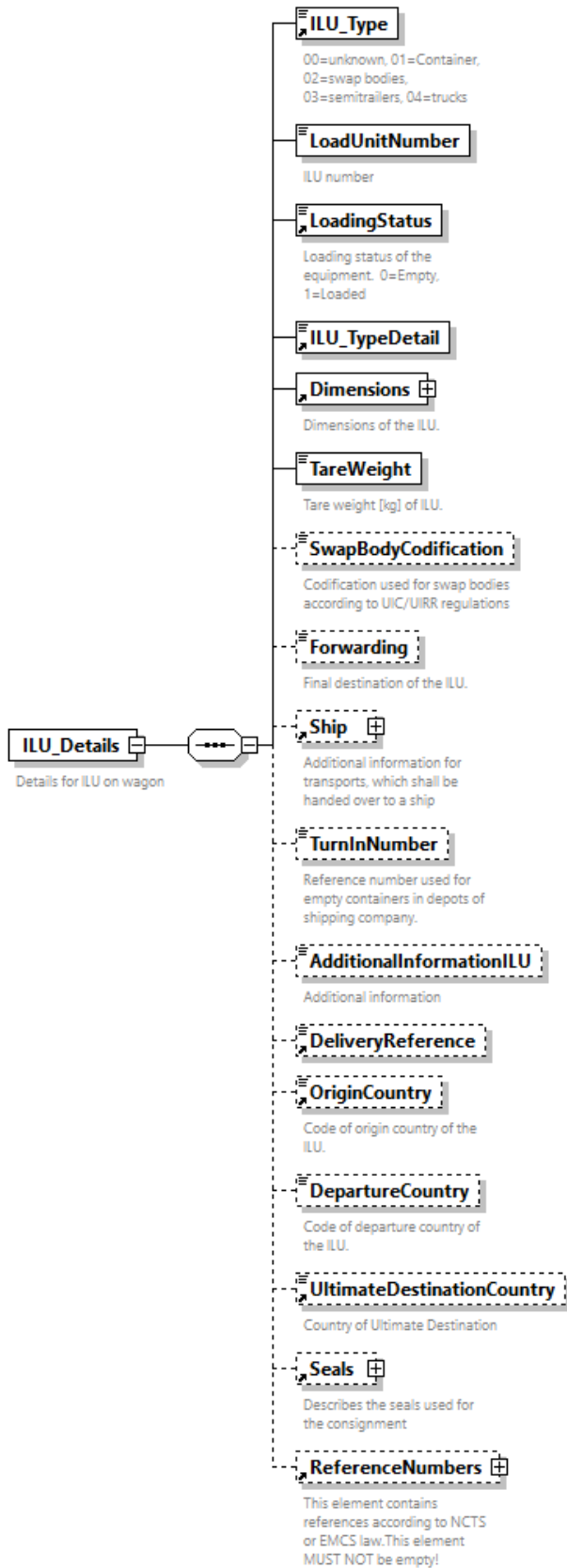
element **ILU_Data/LoadUnitNumber**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content	simple	
used by	elements	ILUDataMessage/QueryResponse/ILUData ILUDataMessage/QueryResponse/RefusedILUData	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	11	

annotation	documentation Unit number
source	<pre><xs:element name="LoadUnitNumber"> <xs:annotation> <xs:documentation>Unit number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="11"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ILU_Details**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ILU Type LoadUnitNumber LoadingStatus ILU TypeDetail Dimensions TareWeight SwapBodyCodification Forwarding Ship TurnInNumber AdditionalInformation ILU DeliveryReference OriginCountry DepartureCountry UltimateDestinationCountry Seals ReferenceNumbers
used by	element ILU
annotation	documentation Details for ILU on wagon
source	<pre> <xs:element name="ILU_Details"> <xs:annotation> <xs:documentation>Details for ILU on wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ILU_Type"> <xs:annotation> <xs:documentation>00=unknown, 01=Container, 02=swap bodies, 03=semitrailers, 04=trucks</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LoadUnitNumber" type="LoadUnitNumberType"> <xs:annotation> <xs:documentation>ILU number</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="LoadingStatus"/> <xs:element ref="ILU_TypeDetail"/> <xs:element ref="Dimensions"> <xs:annotation> <xs:documentation>Dimensions of the ILU.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of ILU.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SwapBodyCodification" minOccurs="0"> <xs:annotation> <xs:documentation>Codification used for swap bodies according to UIC/UIRR regulations </xs:documentation> <xs:documentation>CODE:</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Forwarding" minOccurs="0"> </pre>

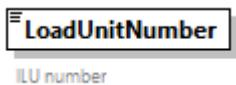
```

<xs:annotation>
  <xs:documentation>Final destination of the ILU.</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="80"/>
    <xs:minLength value="1"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="Ship" minOccurs="0">
  <xs:annotation/>
</xs:element>
<xs:element name="TurnInNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Reference number used for empty containers in depots
of shipping company.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="30"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="AdditionalInformationILU" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional information </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="DeliveryReference" minOccurs="0"/>
<xs:element ref="OriginCountry" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of origin country of the ILU.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of departure country of the
ILU.</xs:documentation>
    <xs:documentation>CODE: ISO-3166-2</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="UltimateDestinationCountry" minOccurs="0"/>
<xs:element ref="Seals" minOccurs="0"/>
<xs:element ref="ReferenceNumbers" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

```

	</xs:element>

element ILU_Details/LoadUnitNumber

diagram	 ILU number									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	LoadUnitNumberType									
properties	content simple									
used by	elements ILUDataMessage/QueryResponse/ILUData ILUDataMessage/QueryResponse/RefusedILUData									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>whiteSpace</td><td>replace</td><td></td></tr><tr><td>pattern</td><td>[A-Za-z0-9]{11}</td><td></td></tr></table>	Kind	Value	Annotation	whiteSpace	replace		pattern	[A-Za-z0-9]{11}	
Kind	Value	Annotation								
whiteSpace	replace									
pattern	[A-Za-z0-9]{11}									
annotation	documentation ILU number									
source	<pre><xs:element name="LoadUnitNumber" type="LoadUnitNumberType"> <xs:annotation> <xs:documentation>ILU number</xs:documentation> </xs:annotation> </xs:element></pre>									

element ILU_Details/TareWeight

diagram	 Tare weight [kg] of ILU.												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Tare weight [kg] of ILU.												
source	<pre><xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of ILU.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ILU_Details/SwapBodyCodification**

diagram	≡ SwapBodyCodification Codification used for swap bodies according to UIC/UIRR regulations									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc0 maxOcc1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>3</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	3		maxLength	4	
Kind	Value	Annotation								
minLength	3									
maxLength	4									
annotation	documentation Codification used for swap bodies according to UIC/UIRR regulations documentation CODE:									
source	<pre><xs:element name="SwapBodyCodification" minOccurs="0"> <xs:annotation> <xs:documentation>Codification used for swap bodies according to UIC/UIRR regulations </xs:documentation> <xs:documentation>CODE:</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ILU_Details/Forwarding**

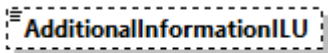
diagram	Forwarding Final destination of the ILU.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 80
annotation	documentation Final destination of the ILU.
source	<xs:element name="Forwarding" minOccurs="0">

	<pre> <xs:annotation> <xs:documentation>Final destination of the ILU.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ILU_Details/TurnInNumber**

diagram	TurnInNumber Reference number used for empty containers in depots of shipping company.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 30
annotation	documentation Reference number used for empty containers in depots of shipping company.
source	<pre><xs:element name="TurnInNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Reference number used for empty containers in depots of shipping company.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ILU_Details/AdditionalInformationILU**

diagram	 Additional information
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information
source	<pre><xs:element name="AdditionalInformationILU" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ILU_Details/DepartureCountry**

diagram	DepartureCountry Code of departure country of the ILU.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Code of departure country of the ILU. documentation CODE: ISO-3166-2									
source	<xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Code of departure country of the ILU.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> </xs:element>									

element **ILU_InformationPerNHM**

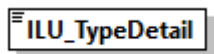
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	FreightCommodity_NHM WeightOf_NHM AdditionalInformationToNHM ListOfDangerousGoods
used by	element ILU_Data
annotation	documentation ITU information per NHM
source	<pre> <xs:element name="ILU_InformationPerNHM"> <xs:annotation> <xs:documentation>ITU information per NHM</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="FreightCommodity_NHM" minOccurs="0"/> <xs:element ref="WeightOf_NHM" minOccurs="0"/> <xs:element ref="AdditionalInformationToNHM" minOccurs="0"/> <xs:element ref="ListOfDangerousGoods" minOccurs="0" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ILU_Type**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	TypeOfLoadUnitType
properties	content simple
used by	element ILU_Details

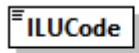
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>00</td><td>documentation unknown</td></tr><tr><td>enumeration</td><td>01</td><td>documentation Container</td></tr><tr><td>enumeration</td><td>02</td><td>documentation swap bodies</td></tr><tr><td>enumeration</td><td>03</td><td>documentation semitrailers</td></tr><tr><td>enumeration</td><td>04</td><td>documentation truck</td></tr></table>	Kind	Value	Annotation	enumeration	00	documentation unknown	enumeration	01	documentation Container	enumeration	02	documentation swap bodies	enumeration	03	documentation semitrailers	enumeration	04	documentation truck
Kind	Value	Annotation																	
enumeration	00	documentation unknown																	
enumeration	01	documentation Container																	
enumeration	02	documentation swap bodies																	
enumeration	03	documentation semitrailers																	
enumeration	04	documentation truck																	
annotation	documentation Type of ILU. Further information is given for each enumeration element.																		
source	<pre><xs:element name="ILU_Type" type="TypeOfLoadUnitType"> <xs:annotation> <xs:documentation>Type of ILU. Further information is given for each enumeration element.</xs:documentation> </xs:annotation> </xs:element></pre>																		

element **ILU_TypeDetail**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	element	ILU_Details	
facets	Kind	Value	Annotation
	enumeration	BX	
	enumeration	BK	
	enumeration	FL	
	enumeration	HT	
	enumeration	HC	
	enumeration	IN	
	enumeration	OT	
	enumeration	HH	
	enumeration	PW	
	enumeration	OS	
	enumeration	RF	
	enumeration	SD	
	enumeration	SL	
	enumeration	VE	
	enumeration	TC	
	enumeration	RH	

source	<pre> <xs:element name="ILU_TypeDetail"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="BX"/> <xs:enumeration value="BK"/> <xs:enumeration value="FL"/> <xs:enumeration value="HT"/> <xs:enumeration value="HC"/> <xs:enumeration value="IN"/> <xs:enumeration value="OT"/> <xs:enumeration value="HH"/> <xs:enumeration value="PW"/> <xs:enumeration value="OS"/> <xs:enumeration value="RF"/> <xs:enumeration value="SD"/> <xs:enumeration value="SL"/> <xs:enumeration value="VE"/> <xs:enumeration value="TC"/> <xs:enumeration value="RH"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ILUCode**

diagram	 Unique Identification of the loading unit									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of LoadUnitNumberType									
properties	content simple									
used by	element ILUDataQueryMessage/ILUQuery									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>whiteSpace</td><td>replace</td><td></td></tr><tr><td>pattern</td><td>[A-Za-z0-9]{11}</td><td></td></tr></table>	Kind	Value	Annotation	whiteSpace	replace		pattern	[A-Za-z0-9]{11}	
Kind	Value	Annotation								
whiteSpace	replace									
pattern	[A-Za-z0-9]{11}									
annotation	documentation Unique Identification of the loading unit									
source	<pre><xs:element name="ILUCode"> <xs:annotation> <xs:documentation>Unique Identification of the loading unit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="LoadUnitNumberType"/> </xs:simpleType> </xs:element></pre>									

element ILUDataMessage

diagram	<pre> graph LR ILUDataMessage[ILUDataMessage Response Message of ILU dataset query] --- Seq[Sequence] Seq --- Choice[Choice] Choice --- MessageHeader[MessageHeader Used for all messages] Choice --- QueryResponse[QueryResponse 1..∞] </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader QueryResponse
annotation	documentation Response Message of ILU dataset query
source	<pre> <xs:element name="ILUDataMessage"> <xs:annotation> <xs:documentation>Response Message of ILU dataset query</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element name="QueryResponse" maxOccurs="unbounded"> <xs:complexType> <xs:choice> <xs:element name="ILUData"> <xs:complexType> <xs:sequence> <xs:element name="Type"> <xs:annotation> <xs:documentation>Type of vehicle</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CodificationNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Registration number on the codification plate</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="7"/> <xs:maxLength value="11"/> <xs:pattern value="d{3}[A-Z0-9]{4,8}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="LoadUnitNumber" minOccurs="0"/> <xs:element name="InternalNumber" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

        <xs:annotation>
          <xs:documentation>Internal fleet number</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="50"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="LicensePlates" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Plate number identification for a
semi-trailer</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="50"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="SeatingDeviceHeight" minOccurs="0"
maxOccurs="10">
        <xs:annotation>
          <xs:documentation>Height of the device on the
wagon</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="10"/>
            <xs:maxInclusive value="999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CompatibilityCodeSemiTrailers" minOccurs="0"
maxOccurs="9">
        <xs:annotation>
          <xs:documentation>Compatibility letter between loading unit
and wagon </xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="1"/>
            <xs:pattern value="[a-z]"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Profiles" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ProfileS" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Approved S profile for the loading
unit (swap bodies/containers)</xs:documentation>

```

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="3"/>
    <xs:maxLength value="4"/>
    <xs:pattern value="[S]\d{2,3}"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ProfileC" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Approved C profile for the loading
unit (swap bodies/containers)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="3"/>
      <xs:maxLength value="4"/>
      <xs:pattern value="[C]\d{2,3}"/>
      <xs:pattern value=""/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ProfileP" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Approved P profile for the loading
unit (semi-trailers)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="3"/>
      <xs:maxLength value="4"/>
      <xs:pattern value="[P]\d{2,3}"/>
      <xs:pattern value=""/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="InterunitCode">
  <xs:annotation>
    <xs:documentation>Approved length code for the loading unit
(reference: UIC standard)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="10"/>
      <xs:maxInclusive value="999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="RIDADRCODE" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Approved ADR/RID code for the loading unit

```

```

(reference: ADR/RID)</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:length value="4"/>
    <xs:pattern value="[LS]\w{3}"/>
    <xs:pattern value=""/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="FrameNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Official frame number of the loading
unit</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="18"/>
      <xs:pattern value="[A-Z0-9]"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Weights">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Tare">
        <xs:annotation>
          <xs:documentation>Tare of the loading unit in
kg</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="WeightValueKilo">
            <xs:minInclusive value="1000"/>
            <xs:maxInclusive value="5000"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Weight">
        <xs:annotation>
          <xs:documentation>Total admissible weight in
kg</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="WeightValueKilo">
            <xs:minInclusive value="10000"/>
            <xs:maxInclusive value="36000"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Dimensions">
  <xs:complexType>

```



```

        <xs:sequence>
          <xs:element name="Length">
            <xs:annotation>
              <xs:documentation>Total external length of the
loading unit (in mm)</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:decimal">
                <xs:minInclusive value="2000"/>
                <xs:maxInclusive value="17000"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Width">
            <xs:annotation>
              <xs:documentation>Total external width of the loading
unit (in mm)</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:decimal">
                <xs:minInclusive value="2400"/>
                <xs:maxInclusive value="2600"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Height">
            <xs:annotation>
              <xs:documentation>Total external width of the loading
unit (in mm)</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:decimal">
                <xs:minInclusive value="2000"/>
                <xs:maxInclusive value="4000"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:sequence>
      <xs:attribute name="TypeOfLoadUnit" type="TypeOfLoadUnitType"
use="required"/>
    </xs:complexType>
  </xs:element>
  <xs:element name="RefusedILUData">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="LoadUnitNumber"/>
        <xs:element name="RefusalReason">
          <xs:simpleType>
            <xs:restriction base="xs:token">
              <xs:enumeration value="01">
            </xs:restriction>
          </xs:simpleType>
          <xs:annotation>
            <xs:documentation>LoadUnitNumber / Framework number

```

	does not exist in the ILU Reference Database</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>LoadUnitNumber / Framework number has been deactivated by the ILU keeper since XX.XX.XXXX</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>LoadUnitNumber / Framework number has been deleted by the ILU keeper since XX.XX.XXXX</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DeletionOrDeactivationDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of deactvition or deletion by the ILU keeper</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element>

element **ILUDataMessage/QueryResponse**

diagram	<pre> classDiagram class QueryResponse { ILUData RefusedILUData } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc unbounded content complex
children	ILUData RefusedILUData
source	<pre> <xs:element name="QueryResponse" maxOccurs="unbounded"> <xs:complexType> <xs:choice> <xs:element name="ILUData"> <xs:complexType> </pre>

```

<xs:sequence>
  <xs:element name="Type">
    <xs:annotation>
      <xs:documentation>Type of vehicle</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:length value="4"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="CodificationNumber" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Registration number on the codification
plate</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="7"/>
        <xs:maxLength value="11"/>
        <xs:pattern value="d{3}[A-Z0-9]{4,8}"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element ref="LoadUnitNumber" minOccurs="0"/>
  <xs:element name="InternalNumber" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Internal fleet number</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="50"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="LicensePlates" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Plate number identification for a
semi-trailer</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="50"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="SeatingDeviceHeight" minOccurs="0" maxOccurs="10">
    <xs:annotation>
      <xs:documentation>Height of the device on the
wagon</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:int">

```

```

        <xs:minInclusive value="10"/>
        <xs:maxInclusive value="999"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="CompatibilityCodeSemiTrailers" minOccurs="0"
maxOccurs="9">
    <xs:annotation>
        <xs:documentation>Compatibility letter between loading unit and
wagon </xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:length value="1"/>
            <xs:pattern value="[a-z]"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Profiles" minOccurs="0">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ProfileS" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Approved S profile for the loading unit
(swap bodies/containers)</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="3"/>
                        <xs:maxLength value="4"/>
                        <xs:pattern value="[S]\d{2,3}"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="ProfileC" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Approved C profile for the loading unit
(swap bodies/containers)</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="3"/>
                        <xs:maxLength value="4"/>
                        <xs:pattern value="[C]\d{2,3}"/>
                        <xs:pattern value=""/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="ProfileP" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Approved P profile for the loading unit
(semi-trailers)</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">

```

```

        <xs:minLength value="3"/>
        <xs:maxLength value="4"/>
        <xs:pattern value="[P]\d{2,3}"/>
        <xs:pattern value=""/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="InterunitCode">
    <xs:annotation>
        <xs:documentation>Approved length code for the loading unit
(reference: UIC standard)</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:minInclusive value="10"/>
            <xs:maxInclusive value="999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="RIDADRCODE" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Approved ADR/RID code for the loading unit
(reference: ADR/RID)</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:length value="4"/>
            <xs:pattern value="[LS]\w{3}"/>
            <xs:pattern value=""/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="FrameNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Official frame number of the loading
unit</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="18"/>
            <xs:pattern value="[A-Z0-9]"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Weights">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Tare">
                <xs:annotation>
                    <xs:documentation>Tare of the loading unit in
kg</xs:documentation>

```

```

        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="WeightValueKilo">
                <xs:minInclusive value="1000"/>
                <xs:maxInclusive value="5000"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="Weight">
        <xs:annotation>
            <xs:documentation>Total admissible weight in
kg</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="WeightValueKilo">
                <xs:minInclusive value="10000"/>
                <xs:maxInclusive value="36000"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Dimensions">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Length">
                <xs:annotation>
                    <xs:documentation>Total external length of the loading unit
(in mm)</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:decimal">
                        <xs:minInclusive value="2000"/>
                        <xs:maxInclusive value="17000"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Width">
                <xs:annotation>
                    <xs:documentation>Total external width of the loading unit
(in mm)</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:decimal">
                        <xs:minInclusive value="2400"/>
                        <xs:maxInclusive value="2600"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Height">
                <xs:annotation>
                    <xs:documentation>Total external width of the loading unit
(in mm)</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

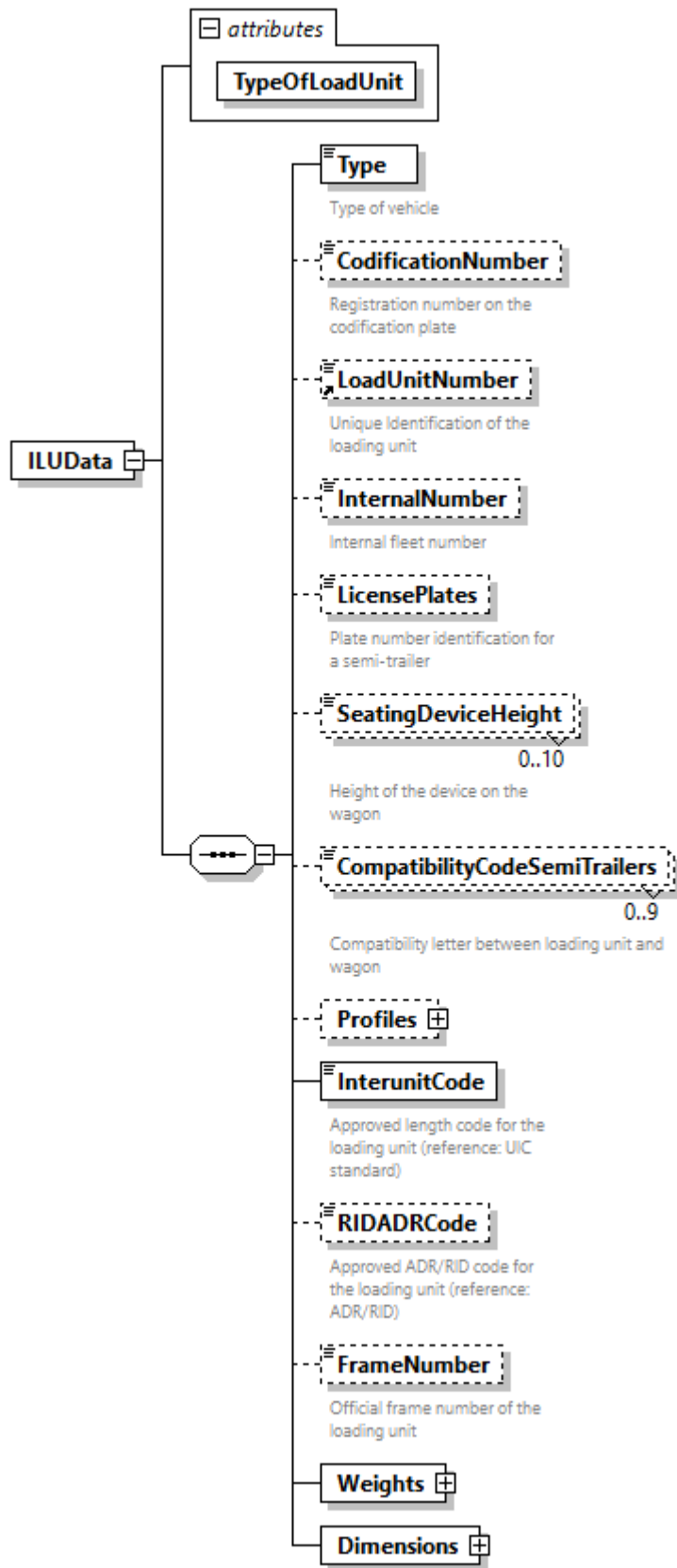
        <xs:simpleType>
            <xs:restriction base="xs:decimal">
                <xs:minInclusive value="2000"/>
                <xs:maxInclusive value="4000"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
    <xs:attribute name="TypeOfLoadUnit" type="TypeOfLoadUnitType"
use="required"/>
</xs:complexType>
</xs:element>
<xs:element name="RefusedILUData">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="LoadUnitNumber"/>
            <xs:element name="RefusalReason">
                <xs:simpleType>
                    <xs:restriction base="xs:token">
                        <xs:enumeration value="01">
                            <xs:annotation>
                                <xs:documentation>LoadUnitNumber / Framework number does
not exist in the ILU Reference Database</xs:documentation>
                            </xs:annotation>
                        </xs:enumeration>
                        <xs:enumeration value="02">
                            <xs:annotation>
                                <xs:documentation>LoadUnitNumber / Framework number has
been deactivated by the ILU keeper since XX.XX.XXXX</xs:documentation>
                            </xs:annotation>
                        </xs:enumeration>
                        <xs:enumeration value="03">
                            <xs:annotation>
                                <xs:documentation>LoadUnitNumber / Framework number has
been deleted by the ILU keeper since XX.XX.XXXX</xs:documentation>
                            </xs:annotation>
                        </xs:enumeration>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="DeletionOrDeactivationDate" type="xs:date"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Date of deactvition or deletion by the ILU
keeper</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:choice>
</xs:complexType>

```

	<code></xs:element></code>

element **ILUDataMessage/QueryResponse/ILUData**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
properties	content complex					
children	Type CodificationNumber LoadUnitNumber InternalNumber LicensePlates SeatingDeviceHeight CompatibilityCodeSemiTrailers Profiles InterunitCode RIDADRCCode FrameNumber Weights Dimensions					
attributes	Name	Type	Use	Default	Fixed	Annotation
	TypeOfLoadUnit	TypeOfLoadUnitType	required			
source	<pre> <xs:element name="ILUData"> <xs:complexType> <xs:sequence> <xs:element name="Type"> <xs:annotation> <xs:documentation>Type of vehicle</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CodificationNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Registration number on the codification plate</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="7"/> <xs:maxLength value="11"/> <xs:pattern value="d{3}[A-Z0-9]{4,8}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="LoadUnitNumber" minOccurs="0"/> <xs:element name="InternalNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Internal fleet number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="LicensePlates" minOccurs="0"> <xs:annotation> <xs:documentation>Plate number identification for a semi-trailer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>					

```

        <xs:minLength value="1"/>
        <xs:maxLength value="50"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="SeatingDeviceHeight" minOccurs="0" maxOccurs="10">
    <xs:annotation>
        <xs:documentation>Height of the device on the wagon</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:minInclusive value="10"/>
            <xs:maxInclusive value="999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="CompatibilityCodeSemiTrailers" minOccurs="0"
maxOccurs="9">
    <xs:annotation>
        <xs:documentation>Compatibility letter between loading unit and wagon
</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:length value="1"/>
            <xs:pattern value="[a-z]"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Profiles" minOccurs="0">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ProfileS" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Approved S profile for the loading unit (swap
bodies/containers)</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="3"/>
                        <xs:maxLength value="4"/>
                        <xs:pattern value="[S]\d{2,3}"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="ProfileC" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Approved C profile for the loading unit (swap
bodies/containers)</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="3"/>
                        <xs:maxLength value="4"/>
                        <xs:pattern value="[C]\d{2,3}"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

        <xs:pattern value=""/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="ProfileP" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Approved P profile for the loading unit
(semi-trailers)</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="3"/>
        <xs:maxLength value="4"/>
        <xs:pattern value="[P]\d{2,3}"/>
        <xs:pattern value=""/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="InterunitCode">
  <xs:annotation>
    <xs:documentation>Approved length code for the loading unit (reference:
UIC standard)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="10"/>
      <xs:maxInclusive value="999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="RIDADRCODE" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Approved ADR/RID code for the loading unit (reference:
ADR/RID)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="4"/>
      <xs:pattern value="[LS]\w{3}"/>
      <xs:pattern value=""/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="FrameNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Official frame number of the loading
unit</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="18"/>

```

```

        <xs:pattern value="[A-Z0-9]"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Weights">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Tare">
          <xs:annotation>
            <xs:documentation>Tare of the loading unit in
kg</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="WeightValueKilo">
              <xs:minInclusive value="1000"/>
              <xs:maxInclusive value="5000"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="Weight">
          <xs:annotation>
            <xs:documentation>Total admissible weight in
kg</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="WeightValueKilo">
              <xs:minInclusive value="10000"/>
              <xs:maxInclusive value="36000"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="Dimensions">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Length">
          <xs:annotation>
            <xs:documentation>Total external length of the loading unit (in
mm)</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:decimal">
              <xs:minInclusive value="2000"/>
              <xs:maxInclusive value="17000"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="Width">
          <xs:annotation>
            <xs:documentation>Total external width of the loading unit (in
mm)</xs:documentation>
          </xs:annotation>
          <xs:simpleType>

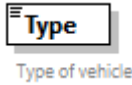
```

	<pre> <xs:restriction base="xs:decimal"> <xs:minInclusive value="2400"/> <xs:maxInclusive value="2600"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Height"> <xs:annotation> <xs:documentation>Total external width of the loading unit (in mm)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="2000"/> <xs:maxInclusive value="4000"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> <xs:attribute name="TypeOfLoadUnit" type="TypeOfLoadUnitType" use="required"/> </xs:complexType> </xs:element> </pre>

attribute **ILUDataMessage/QueryResponse/ILUData/@TypeOfLoadUnit**

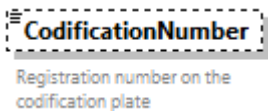
type	TypeOfLoadUnitType		
properties	use required		
facets	Kind	Value	Annotation
	enumeration	00	documentation unknown
	enumeration	01	documentation Container
	enumeration	02	documentation swap bodies
	enumeration	03	documentation semitrailers
	enumeration	04	documentation truck
source	<xs:attribute name="TypeOfLoadUnit" type="TypeOfLoadUnitType" use="required"/>		

element **ILUDataMessage/QueryResponse/ILUData/Type**

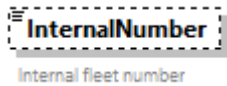
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation length 4
annotation	documentation Type of vehicle
source	<pre> <xs:element name="Type"> <xs:annotation> <xs:documentation>Type of vehicle</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ILUDataMessage/QueryResponse/ILUData/CodificationNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 7 maxLength 11 pattern d{3}[A-Z0-9]{4,8}
annotation	documentation Registration number on the codification plate
source	<pre> <xs:element name="CodificationNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Registration number on the codification plate</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="7"/> <xs:maxLength value="11"/> <xs:pattern value="d{3}[A-Z0-9]{4,8}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ILUDataMessage/QueryResponse/ILUData/InternalNumber**

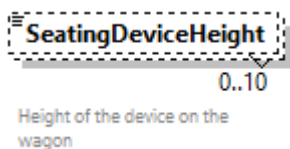
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 50
annotation	documentation Internal fleet number
source	<pre><xs:element name="InternalNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Internal fleet number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ILUDataMessage/QueryResponse/ILUData/LicensePlates**

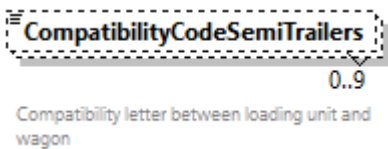
diagram	LicensePlates Plate number identification for a semi-trailer
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 50
annotation	documentation Plate number identification for a semi-trailer
source	<xs:element name="LicensePlates" minOccurs="0"> <xs:annotation> <xs:documentation>Plate number identification for a

	<pre> semi-trailer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ILUDataMessage/QueryResponse/ILUData/SeatingDeviceHeight**

diagram	 The diagram shows a dashed box labeled "SeatingDeviceHeight" with a multiplicity of "0..10" below it. A description "Height of the device on the wagon" is provided below the multiplicity.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	minOcc 0 maxOcc 10 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>10</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	10		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	10									
maxInclusive	999									
annotation	documentation Height of the device on the wagon									
source	<pre><xs:element name="SeatingDeviceHeight" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Height of the device on the wagon</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="10"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ILUDataMessage/QueryResponse/ILUData/CompatibilityCodeSemiTrailers**

diagram	 The diagram shows a dashed box labeled "CompatibilityCodeSemiTrailers" with a multiplicity of "0..9" below it. A description "Compatibility letter between loading unit and wagon" is provided below the multiplicity.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

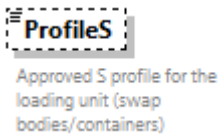
properties	minOcc 0 maxOcc 9 content simple
facets	Kind Value Annotation length 1 pattern [a-z]
annotation	documentation Compatibility letter between loading unit and wagon
source	<pre> <xs:element name="CompatibilityCodeSemiTrailers" minOccurs="0" maxOccurs="9"> <xs:annotation> <xs:documentation>Compatibility letter between loading unit and wagon </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> <xs:pattern value="[a-z]"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ILUDataMessage/QueryResponse/ILUData/Profiles**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ProfileS ProfileC ProfileP
source	<pre> <xs:element name="Profiles" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="ProfileS" minOccurs="0"> <xs:annotation> <xs:documentation>Approved S profile for the loading unit (swap bodies/containers)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> <xs:pattern value="[S]\d{2,3}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ProfileC" minOccurs="0"> <xs:annotation> <xs:documentation>Approved C profile for the loading unit (swap bodies/containers)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> <xs:pattern value="[C]\d{2,3}"/> <xs:pattern value=""/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ProfileP" minOccurs="0"> <xs:annotation> <xs:documentation>Approved P profile for the loading unit (semi-trailers)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> <xs:pattern value="[P]\d{2,3}"/> <xs:pattern value=""/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ILUDataMessage/QueryResponse/ILUData/Profiles/ProfileS**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple

facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>3</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[S]\d{2,3}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	3		maxLength	4		pattern	[S]\d{2,3}	
Kind	Value	Annotation											
minLength	3												
maxLength	4												
pattern	[S]\d{2,3}												
annotation	documentation Approved S profile for the loading unit (swap bodies/containers)												
source	<pre><xs:element name="ProfileS" minOccurs="0"> <xs:annotation> <xs:documentation>Approved S profile for the loading unit (swap bodies/containers)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> <xs:pattern value="[S]\d{2,3}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **ILUDataMessage/QueryResponse/ILUData/Profiles/ProfileC**

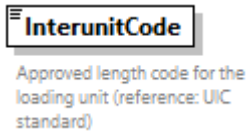
diagram	ProfileC Approved C profile for the loading unit (swap bodies/containers)															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	minOcc 0 maxOcc 1 content simple															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>3</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[C]\d{2,3}</td><td></td></tr><tr><td>pattern</td><td></td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	3		maxLength	4		pattern	[C]\d{2,3}		pattern		
Kind	Value	Annotation														
minLength	3															
maxLength	4															
pattern	[C]\d{2,3}															
pattern																
annotation	documentation Approved C profile for the loading unit (swap bodies/containers)															
source	<pre><xs:element name="ProfileC" minOccurs="0"> <xs:annotation> <xs:documentation>Approved C profile for the loading unit (swap bodies/containers)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> <xs:pattern value="[C]\d{2,3}"/> <xs:pattern value=""/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

	<pre> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ILUDataMessage/QueryResponse/ILUData/Profiles/ProfileP**

diagram	ProfileP Approved P profile for the loading unit (semi-trailers)															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	minOcc 0 maxOcc 1 content simple															
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>3</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[P]\d{2,3}</td><td></td></tr><tr><td>pattern</td><td></td><td></td></tr></table>	Kind	Value	Annotation	minLength	3		maxLength	4		pattern	[P]\d{2,3}		pattern		
Kind	Value	Annotation														
minLength	3															
maxLength	4															
pattern	[P]\d{2,3}															
pattern																
annotation	documentation Approved P profile for the loading unit (semi-trailers)															
source	<pre><xs:element name="ProfileP" minOccurs="0"> <xs:annotation> <xs:documentation>Approved P profile for the loading unit (semi-trailers)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> <xs:pattern value="[P]\d{2,3}"/> <xs:pattern value=""/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element **ILUDataMessage/QueryResponse/ILUData/InterunitCode**

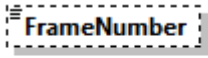
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:int
properties	content simple

facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>10</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	10		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	10									
maxInclusive	999									
annotation	documentation Approved length code for the loading unit (reference: UIC standard)									
source	<pre><xs:element name="InterunitCode"> <xs:annotation> <xs:documentation>Approved length code for the loading unit (reference: UIC standard)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="10"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

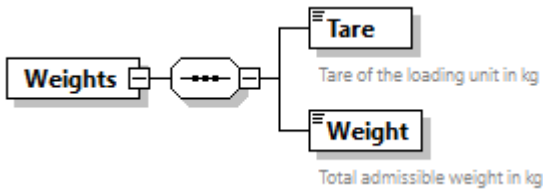
element **ILUDataMessage/QueryResponse/ILUData/RIDADRCode**

diagram	

element **ILUDataMessage/QueryResponse/ILUData/FrameNumber**

diagram	 Official frame number of the loading unit
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 18 pattern [A-Z0-9]
annotation	documentation Official frame number of the loading unit
source	<pre><xs:element name="FrameNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Official frame number of the loading unit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"/> <xs:pattern value="[A-Z0-9]"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ILUDataMessage/QueryResponse/ILUData/Weights**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Tare Weight
source	<pre><xs:element name="Weights"> <xs:complexType> <xs:sequence> <xs:element name="Tare"> <xs:annotation></pre>

	<pre> <xs:documentation>Tare of the loading unit in kg</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WeightValueKilo"> <xs:minInclusive value="1000"/> <xs:maxInclusive value="5000"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Weight"> <xs:annotation> <xs:documentation>Total admissible weight in kg</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WeightValueKilo"> <xs:minInclusive value="10000"/> <xs:maxInclusive value="36000"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

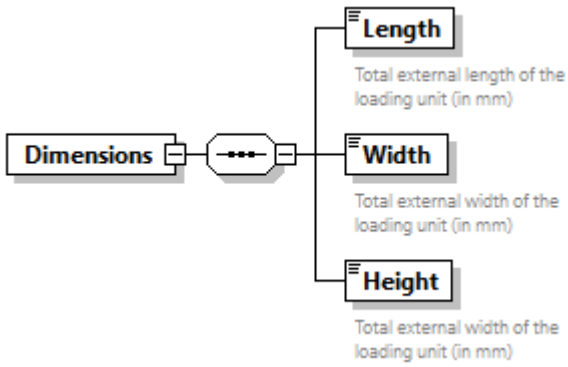
element **ILUDataMessage/QueryResponse/ILUData/Weights/Tare**

diagram	Tare Tare of the loading unit in kg												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of WeightValueKilo												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1000</td><td></td></tr><tr><td>maxInclusive</td><td>5000</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1000		maxInclusive	5000		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	1000												
maxInclusive	5000												
whiteSpace	collapse												
annotation	documentation Tare of the loading unit in kg												
source	<pre><xs:element name="Tare"> <xs:annotation> <xs:documentation>Tare of the loading unit in kg</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WeightValueKilo"> <xs:minInclusive value="1000"/> <xs:maxInclusive value="5000"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **ILUDataMessage/QueryResponse/ILUData/Weights/Weight**

diagram	≡ Weight Total admissible weight in kg												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of WeightValueKilo												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>10000</td><td></td></tr><tr><td>maxInclusive</td><td>36000</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	10000		maxInclusive	36000		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	10000												
maxInclusive	36000												
whiteSpace	collapse												
annotation	documentation Total admissible weight in kg												
source	<pre><xs:element name="Weight"> <xs:annotation> <xs:documentation>Total admissible weight in kg</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WeightValueKilo"> <xs:minInclusive value="10000"/> <xs:maxInclusive value="36000"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **ILUDataMessage/QueryResponse/ILUData/Dimensions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Length Width Height
used by	elements ILU Details ITU Details

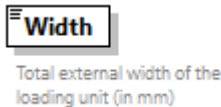
source	<pre> <xs:element name="Dimensions"> <xs:complexType> <xs:sequence> <xs:element name="Length"> <xs:annotation> <xs:documentation>Total external length of the loading unit (in mm)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="2000"/> <xs:maxInclusive value="17000"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Width"> <xs:annotation> <xs:documentation>Total external width of the loading unit (in mm)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="2400"/> <xs:maxInclusive value="2600"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Height"> <xs:annotation> <xs:documentation>Total external width of the loading unit (in mm)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="2000"/> <xs:maxInclusive value="4000"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ILUDataMessage/QueryResponse/ILUData/Dimensions/Length**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:decimal

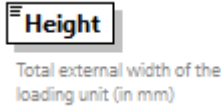
properties	content simple
used by	elements Dimensions TractionDetails complexType DimensionValue
facets	Kind Value Annotation minInclusive 2000 maxInclusive 17000
annotation	documentation Total external length of the loading unit (in mm)
source	<pre> <xs:element name="Length"> <xs:annotation> <xs:documentation>Total external length of the loading unit (in mm)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="2000"/> <xs:maxInclusive value="17000"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ILUDataMessage/QueryResponse/ILUData/Dimensions/Width**

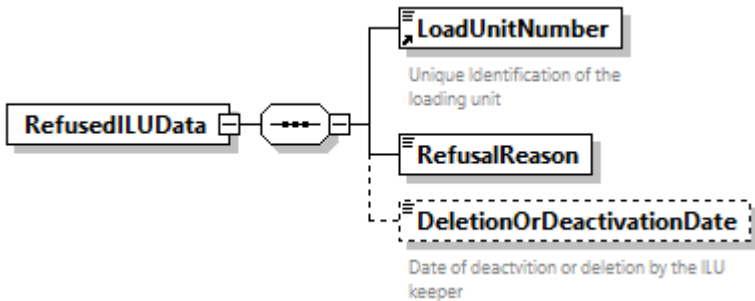
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:decimal
properties	content simple
used by	element Dimensions complexType DimensionValue
facets	Kind Value Annotation minInclusive 2400 maxInclusive 2600
annotation	documentation Total external width of the loading unit (in mm)
source	<pre> <xs:element name="Width"> <xs:annotation> <xs:documentation>Total external width of the loading unit (in mm)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="2400"/> <xs:maxInclusive value="2600"/> </xs:restriction> </xs:simpleType> </pre>

	</xs:element>

element **ILUDataMessage/QueryResponse/ILUData/Dimensions/Height**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:decimal
properties	content simple
used by	element Dimensions complexType DimensionValue
facets	Kind Value Annotation minInclusive 2000 maxInclusive 4000
annotation	documentation Total external width of the loading unit (in mm)
source	<pre> <xs:element name="Height"> <xs:annotation> <xs:documentation>Total external width of the loading unit (in mm)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="2000"/> <xs:maxInclusive value="4000"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ILUDataMessage/QueryResponse/RefusedILUData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LoadUnitNumber RefusalReason DeletionOrDeactivationDate

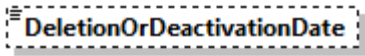
source	<pre> <xs:element name="RefusedILUData"> <xs:complexType> <xs:sequence> <xs:element ref="LoadUnitNumber"/> <xs:element name="RefusalReason"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>LoadUnitNumber / Framework number does not exist in the ILU Reference Database</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>LoadUnitNumber / Framework number has been deactivated by the ILU keeper since XX.XX.XXXX</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>LoadUnitNumber / Framework number has been deleted by the ILU keeper since XX.XX.XXXX</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DeletionOrDeactivationDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of deactvition or deletion by the ILU keeper</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ILUDataMessage/QueryResponse/RefusedILUData/RefusalReason**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
facets	Kind enumeration	Value 01	Annotation documentation LoadUnitNumber / Framework number does not exist in the ILU Reference Database

	enumeration 02 documentation LoadUnitNumber / Framework number has been deactivated by the ILU keeper since XX.XX.XXXX enumeration 03 documentation LoadUnitNumber / Framework number has been deleted by the ILU keeper since XX.XX.XXXX
source	<pre> <xs:element name="RefusalReason"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>LoadUnitNumber / Framework number does not exist in the ILU Reference Database</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>LoadUnitNumber / Framework number has been deactivated by the ILU keeper since XX.XX.XXXX</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>LoadUnitNumber / Framework number has been deleted by the ILU keeper since XX.XX.XXXX</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ILUDataMessage/QueryResponse/RefusedILUData/DeletionOrDeactivationDate**

diagram	 The diagram shows a dashed rectangular box containing the text "DeletionOrDeactivationDate". Below the box, the text "Date of deactivation or deletion by the ILU keeper" is written.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of deactivation or deletion by the ILU keeper
source	<pre> <xs:element name="DeletionOrDeactivationDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of deactivation or deletion by the ILU keeper</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ILUDataQueryMessage**

diagram	<pre> sequenceDiagram participant ILUDataQueryMessage as ILUDataQueryMessage Response Message of ILU dataset query participant MessageHeader as MessageHeader Used for all messages participant ILUQuery as ILUQuery 1..∞ ILUDataQueryMessage --> MessageHeader ILUDataQueryMessage --> ILUQuery </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader ILUQuery
annotation	documentation Response Message of ILU dataset query
source	<pre> <xs:element name="ILUDataQueryMessage"> <xs:annotation> <xs:documentation>Response Message of ILU dataset query</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element name="ILUQuery" maxOccurs="unbounded"> <xs:complexType> <xs:choice> <xs:element ref="ILUCode"/> <xs:element name="FrameNumber"> <xs:annotation> <xs:documentation>Official frame number of the loading unit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"/> <xs:pattern value="[A-Z0-9]"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ILUDataQueryMessage/ILUQuery**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc unbounded content complex
children	ILUCode FrameNumber
source	<pre> <xs:element name="ILUQuery" maxOccurs="unbounded"> <xs:complexType> <xs:choice> <xs:element ref="ILUCode"/> <xs:element name="FrameNumber"> <xs:annotation> <xs:documentation>Official frame number of the loading unit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"/> <xs:pattern value="[A-Z0-9]"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre>

element **ILUDataQueryMessage/ILUQuery/FrameNumber**

diagram	FrameNumber Official frame number of the loading unit												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>18</td><td></td></tr><tr><td>pattern</td><td>[A-Z0-9]</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	18		pattern	[A-Z0-9]	
Kind	Value	Annotation											
minLength	1												
maxLength	18												
pattern	[A-Z0-9]												

annotation	documentation Official frame number of the loading unit
source	<pre> <xs:element name="FrameNumber"> <xs:annotation> <xs:documentation>Official frame number of the loading unit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"/> <xs:pattern value="[A-Z0-9]"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **IM_Partner**

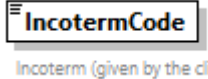
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	elements Wagons/WagonDetails/ExceptionalConsignment ExceptionalGaugingIdent ExceptionalGaugingInfo												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Infrastructure Manager												
source	<pre><xs:element name="IM_Partner" type="CompanyCode"> <xs:annotation> <xs:documentation>Infrastructure Manager</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ImpactedRU**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompanyCode
properties	content simple

facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation The RU impacted by a restriction												
source	<pre><xs:element name="ImpactedRU" type="CompanyCode"> <xs:annotation> <xs:documentation>The RU impacted by a restriction</xs:documentation> </xs:annotation> </xs:element></pre>												

element **IncotermCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	element	ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PrepaymentCustomer	
facets	Kind	Value	Annotation
	enumeration	CIP	documentation Carriage Insurance Paid
	enumeration	CPT	documentation Carriage Paid To
	enumeration	DAF	documentation Delivered At Frontier (deprecated in 2011-01-01)
	enumeration	DDP	documentation Delivered Duty Paid
	enumeration	DDU	documentation Delivered Duty Unpaid (deprecated in 2011-01-01)
	enumeration	EXW	documentation EX Works
	enumeration	FCA	documentation Free Carrier
	enumeration	DAP	documentation Delivered At Place
	enumeration	DAT	documentation Delivered At Terminal
annotation	documentation Incoterm (given by the client)		
source	<pre><xs:element name="IncotermCode"> <xs:annotation> <xs:documentation>Incoterm (given by the client)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"></pre>		

```

<xs:enumeration value="CIP">
  <xs:annotation>
    <xs:documentation>Carriage Insurance Paid</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="CPT">
  <xs:annotation>
    <xs:documentation>Carriage Paid To</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="DAF">
  <xs:annotation>
    <xs:documentation>Delivered At Frontier (deprecated in
2011-01-01)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="DDP">
  <xs:annotation>
    <xs:documentation>Delivered Duty Paid</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="DDU">
  <xs:annotation>
    <xs:documentation>Delivered Duty Unpaid (deprecated in
2011-01-01)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="EXW">
  <xs:annotation>
    <xs:documentation>EX Works</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="FCA">
  <xs:annotation>
    <xs:documentation>Free Carrier</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="DAP">
  <xs:annotation>
    <xs:documentation>Delivered At Place</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="DAT">
  <xs:annotation>
    <xs:documentation>Delivered At Terminal</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **InfoOnGoodsShapeTypeDanger**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	element	WagonOperationalData	
facets	Kind	Value	Annotation
	enumeration	01	documentation Container
	enumeration	02	documentation Other intermodal traffic
	enumeration	03	documentation Rolling road (RR)
	enumeration	06	documentation Semi-Trailer on bogies
	enumeration	10	documentation 1 - danger of explosion (subclass 1.1, 1.2, 1.3)
	enumeration	14	documentation 1.4 - danger of explosion (subclass 1.4)
	enumeration	15	documentation 1.5 - danger of explosion (subclass 1.5)
	enumeration	16	documentation 1.6 - danger of explosion (subclass 1.6)
	enumeration	21	documentation 2.1 - inflammable gases
	enumeration	22	documentation 2.2 - non inflammable,non-toxic gases
	enumeration	23	documentation 2.3 - toxic gases
	enumeration	30	documentation 3 - fire hazard (inflammable liquids)
	enumeration	41	documentation 4.1 - fire hazard (inflammable solids)
	enumeration	42	documentation 4.2 - spontaneoulsy inflammable
	enumeration	43	documentation 4.3 - gives off inflammable gas on contact with water
	enumeration	51	documentation 5.1 - combustibile substance
	enumeration	52	documentation 5.2 - organic peroxide
	enumeration	61	documentation 6.1 - toxic substance
	enumeration	62	documentation 6.2 - infectious substance
	enumeration	71	documentation 7A - radioactive substance in category I packing WHITE

	enumeration 72 documentation 7B - radioactive substance in category II packing YELLOW enumeration 73 documentation 7C - radioactive substance in category III packing YELLOW enumeration 74 documentation 7D - Common label for radioactive substances included under 7A, 7B + 7C enumeration 75 documentation 7E - fissible substance enumeration 80 documentation 8 - corrosive substance enumeration 90 documentation Various dangerous substance and objects not covered by the other classes enumeration 96 documentation Environmentally hazardous substance (RID 5.2.1.8) enumeration 97 documentation More than 8 tons of dangerous goods packaged in limited quantities (LQ) enumeration 98 documentation Livestock enumeration 99 documentation Perishables
annotation	documentation Additional codified information on the load. Coding Structures as defined in IRS 90920-13;A.9.2 (RID labels)
source	<pre> <xs:element name="InfoOnGoodsShapeTypeDanger"> <xs:annotation> <xs:documentation>Additional codified information on the load. Coding Structures as defined in IRS 90920-13;A.9.2 (RID labels)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>Other intermodal traffic</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>Rolling road (RR)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>Semi-Trailer on bogies</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>1 - danger of explosion (subclass 1.1, 1.2, 1.3)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

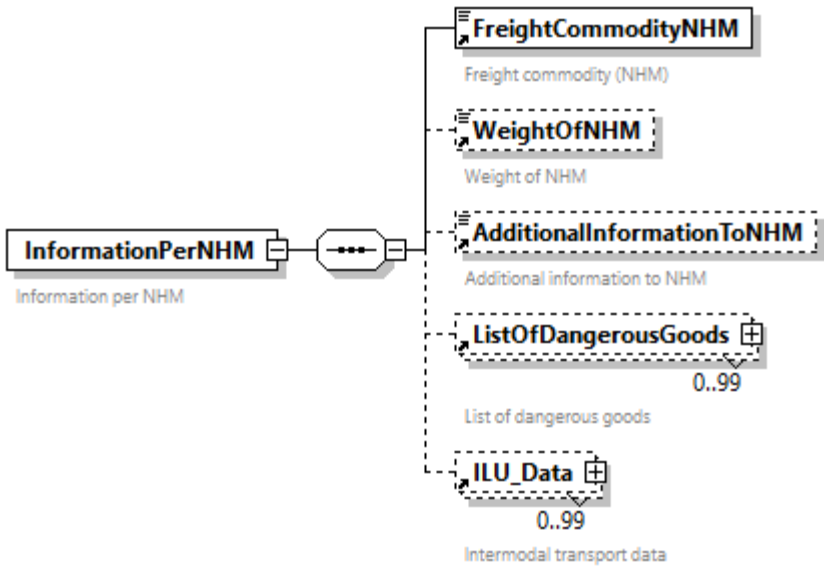
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="14">
        <xs:annotation>
            <xs:documentation>1.4 - danger of explosion (subclass
1.4)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="15">
        <xs:annotation>
            <xs:documentation>1.5 - danger of explosion (subclass
1.5)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="16">
        <xs:annotation>
            <xs:documentation>1.6 - danger of explosion (subclass
1.6)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="21">
        <xs:annotation>
            <xs:documentation>2.1 - inflammable gases</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="22">
        <xs:annotation>
            <xs:documentation>2.2 - non inflammable,non-toxic
gases</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="23">
        <xs:annotation>
            <xs:documentation>2.3 - toxic gases</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="30">
        <xs:annotation>
            <xs:documentation>3 - fire hazard (inflammable
liquids)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="41">
        <xs:annotation>
            <xs:documentation>4.1 - fire hazard (inflammable
solids)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="42">
        <xs:annotation>
            <xs:documentation>4.2 - spontaneoulsy inflammable</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="43">
        <xs:annotation>

```

	<pre> <xs:documentation>4.3 - gives off inflammable gas on contact with water</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="51"> <xs:annotation> <xs:documentation>5.1 - combustible substance</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="52"> <xs:annotation> <xs:documentation>5.2 - organic peroxide</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="61"> <xs:annotation> <xs:documentation>6.1 - toxic substance</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="62"> <xs:annotation> <xs:documentation>6.2 - infectious substance</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="71"> <xs:annotation> <xs:documentation>7A - radioactive substance in category I packing WHITE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="72"> <xs:annotation> <xs:documentation>7B - radioactive substance in category II packing YELLOW</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="73"> <xs:annotation> <xs:documentation>7C - radioactive substance in category III packing YELLOW</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="74"> <xs:annotation> <xs:documentation>7D - Common label for radioactive substances included under 7A, 7B + 7C</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="75"> <xs:annotation> <xs:documentation>7E - fissible substance</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="80"> <xs:annotation> </pre>

	<pre> <xs:documentation>8 - corrosive substance</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="90"> <xs:annotation> <xs:documentation>Various dangerous substance and objects not covered by the other classes</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="96"> <xs:annotation> <xs:documentation>Environmentally hazardous substance (RID 5.2.1.8)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="97"> <xs:annotation> <xs:documentation>More than 8 tons of dangerous goods packaged in limited quantities (LQ)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="98"> <xs:annotation> <xs:documentation>Livestock</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="99"> <xs:annotation> <xs:documentation>Perishables</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **InformationPerNHM**

diagram	 The diagram shows the structure of the InformationPerNHM element. It is a container element (rectangle with a small square on the left) labeled "InformationPerNHM" with the description "Information per NHM". It contains a sequence of five child elements, connected by a horizontal line with a circle in the middle. The children are: FreightCommodityNHM (rectangle with a small square on the left): "Freight commodity (NHM)" WeightOfNHM (rectangle with a small square on the left): "Weight of NHM" AdditionalInformationToNHM (rectangle with a small square on the left): "Additional information to NHM" ListOfDangerousGoods (rectangle with a small square on the left and a plus sign on the right): "List of dangerous goods", with a cardinality of "0..99" below it. ILU_Data (rectangle with a small square on the left and a plus sign on the right): "Intermodal transport data", with a cardinality of "0..99" below it.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	FreightCommodityNHM WeightOfNHM AdditionalInformationToNHM ListOfDangerousGoods ILU_Data
used by	element WagonLoad
annotation	documentation Information per NHM
source	<pre> <xs:element name="InformationPerNHM"> <xs:annotation> <xs:documentation>Information per NHM</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="FreightCommodityNHM"/> <xs:element ref="WeightOfNHM" minOccurs="0"/> <xs:element ref="AdditionalInformationToNHM" minOccurs="0"/> <xs:element ref="ListOfDangerousGoods" minOccurs="0" maxOccurs="99"/> <xs:element ref="ILU_Data" minOccurs="0" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **InformationToBeDisplayed**

diagram	 The diagram shows the InformationToBeDisplayed element (rectangle with a small square on the left) with the description "Information for passengers displayed in the stations or in public timetables".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:string		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	01 First-class seats vehicle	
	enumeration	02 First-class couchettes vehicle	
	enumeration	03 First-class sleepers vehicle	
	enumeration	04 Second-class seats vehicle	
	enumeration	05 Second-class couchettes vehicle	
	enumeration	06 Second-class sleepers vehicle	
	enumeration	07 Second-class reclining seats vehicle	
	enumeration	08 Panorama vehicle	
	enumeration	09 Dining vehicle	
	enumeration	10 Bar/Bistro vehicle	
	enumeration	11 Mobile dining service	
	enumeration	12 Cars loaded	
	enumeration	13 Cars loaded against direction of travel	
	enumeration	14 Cars loaded in direction of travel	
	enumeration	15 Non-smoking vehicle	
	enumeration	16 Vehicle with smoking compartments	
	enumeration	17 Vehicle with PRM access	
	enumeration	18 Silence vehicle	
	enumeration	19 Vehicle with child/family facilities	
	enumeration	20 Vehicle with compartments reserved for women	
	enumeration	21 Bike accepted	
	enumeration	22 Bike accepted for free	
	enumeration	23 Bike accepted against paiement	
	enumeration	24 Special vehicle	
	enumeration	25 Telephone	
	enumeration	26 Wifi	
	enumeration	27 Service vehicle	
	enumeration	28 Train staff available in this vehicle	
	enumeration	29 Not in service vehicle	
	enumeration	30 With supplement	
	enumeration	31 Reservation compulsory	
annotation	documentation	Information for passengers displayed in the stations or in public timetables	
source	<pre><xs:element name="InformationToBeDisplayed"> <xs:annotation> <xs:documentation>Information for passengers displayed in the stations or in public timetables</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01 First-class seats vehicle"/> <xs:enumeration value="02 First-class couchettes vehicle"/> <xs:enumeration value="03 First-class sleepers vehicle"/> <xs:enumeration value="04 Second-class seats vehicle"/></pre>		

	<pre> <xs:enumeration value="05 Second-class couchettes vehicle"/> <xs:enumeration value="06 Second-class sleepers vehicle"/> <xs:enumeration value="07 Second-class reclining seats vehicle"/> <xs:enumeration value="08 Panorama vehicle"/> <xs:enumeration value="09 Dining vehicle"/> <xs:enumeration value="10 Bar/Bistro vehicle"/> <xs:enumeration value="11 Mobile dining service"/> <xs:enumeration value="12 Cars loaded"/> <xs:enumeration value="13 Cars loaded against direction of travel"/> <xs:enumeration value="14 Cars loaded in direction of travel"/> <xs:enumeration value="15 Non-smoking vehicle"/> <xs:enumeration value="16 Vehicle with smoking compartments"/> <xs:enumeration value="17 Vehicle with PRM access"/> <xs:enumeration value="18 Silence vehicle"/> <xs:enumeration value="19 Vehicle with child/family facilities"/> <xs:enumeration value="20 Vehicle with compartments reserved for women"/> <xs:enumeration value="21 Bike accepted"/> <xs:enumeration value="22 Bike accepted for free"/> <xs:enumeration value="23 Bike accepted against paiement"/> <xs:enumeration value="24 Special vehicle"/> <xs:enumeration value="25 Telephone"/> <xs:enumeration value="26 Wifi"/> <xs:enumeration value="27 Service vehicle"/> <xs:enumeration value="28 Train staff available in this vehicle"/> <xs:enumeration value="29 Not in service vehicle"/> <xs:enumeration value="30 With supplement"/> <xs:enumeration value="31 Reservation compulsory"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element InnerWheelbase

diagram	 Maximum distance between two adjacent axles in mm									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric1-5									
properties	content simple									
used by	element WagonDataHERMES/WagonTechDataHERMES									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Maximum distance between two adjacent axles in mm									
source	<pre><xs:element name="InnerWheelbase" type="Numeric1-5"> <xs:annotation> <xs:documentation>Maximum distance between two adjacent axles in mm</xs:documentation> </xs:annotation> </xs:element></pre>									

	<code></xs:annotation></code> <code></xs:element></code>

element **InterchangePoints**

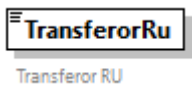
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	InterchangeSequence TransferorRu TransfereeRu BorderPoint SpecialInterchangeLocation JourneySection
used by	element TrainCompositionHermesCompatibleMessage
annotation	documentation Interchange points
source	<pre> <xs:element name="InterchangePoints"> <xs:annotation> <xs:documentation>Interchange points</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="InterchangeSequence"> <xs:annotation> <xs:documentation>Interchange sequence</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TransferorRu" type="CompanyCode"> </pre>

	<pre> <xs:annotation> <xs:documentation>Transferor RU</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TransfereeRu" type="CompanyCode"> <xs:annotation> <xs:documentation>Transferee RU</xs:documentation> </xs:annotation> </xs:element> <xs:choice> <xs:element ref="BorderPoint"/> <xs:element ref="SpecialInterchangeLocation"/> </xs:choice> <xs:element ref="JourneySection"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **InterchangePoints/InterchangeSequence**

diagram	InterchangeSequence Interchange sequence									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>6</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	6	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	6									
annotation	documentation Interchange sequence									
source	<pre><xs:element name="InterchangeSequence"> <xs:annotation> <xs:documentation>Interchange sequence</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="6"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **InterchangePoints/TransferorRu**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
annotation	documentation Transferor RU		
source	<pre><xs:element name="TransferorRu" type="CompanyCode"> <xs:annotation> <xs:documentation>Transferor RU</xs:documentation> </xs:annotation> </xs:element></pre>		

element **InterchangePoints/TransfereeRu**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Transferee RU												
source	<pre><xs:element name="TransfereeRu" type="CompanyCode"> <xs:annotation> <xs:documentation>Transferee RU</xs:documentation> </xs:annotation> </xs:element></pre>												

element **IntermediateDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element NextIntermediateDestination
annotation	documentation A location on the route of a train
source	<pre> <xs:element name="IntermediateDestination" type="LocationIdent"> <xs:annotation> <xs:documentation>A location on the route of a train</xs:documentation> </xs:annotation> </xs:element> </pre>

element **IntermediateHandling**

diagram	IntermediateHandling Treatment to be given to the load or wagon in chronological order TypeOfTreatment Type of treatment CountryCodeISO Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName Location Name in an offication language of the Country using the ISO Unicode alphabet SubsidiaryLocationType Subsidiary location type SubsidiaryLocationCode Subsidiary location code AllocationCompany Name of company who is responsible for allocation and maintenance of codes LocationSubsidiaryName To be completed in an official language of the Country using the ISO Unicode alphabet
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TypeOfTreatment CountryCodeISO LocationPrimaryCode PrimaryLocationName SubsidiaryLocationType SubsidiaryLocationCode AllocationCompany LocationSubsidiaryName
used by	element LoadingSpecial
annotation	documentation Treatment to be given to the load or wagon in chronological order
source	<pre> <xs:element name="IntermediateHandling"> <xs:annotation> <xs:documentation>Treatment to be given to the load or wagon in chronological order</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TypeOfTreatment"/> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element ref="SubsidiaryLocationType" minOccurs="0"/> </pre>

	<pre> <xs:element ref="SubsidiaryLocationCode" minOccurs="0"/> <xs:element ref="AllocationCompany" minOccurs="0"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **InternalReferenceIdentifier**

diagram	☰ InternalReferenceIdentifier The link to the IM System Reference									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	elements DelayCauseTime InterruptionPoint/Interruption InterruptionInformation ReceiptConfirmationMessage TrainJourneyModificationMessage									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation The link to the IM System Reference									
source	<pre><xs:element name="InternalReferenceIdentifier" type="FreeText"> <xs:annotation> <xs:documentation>The link to the IM System Reference</xs:documentation> </xs:annotation> </xs:element></pre>									

element **InternalVehicleFacility**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content	simple	
used by	element	UnitData	
facets	Kind	Value	Annotation
	enumeration	01	documentation PRM (generic): Equipements for PRM
	enumeration	02	documentation PRM: number of equipments
	enumeration	03	documentation PRM: fit for wheelchair
	enumeration	04	documentation

	enumeration 10 PRM: adapted toilets documentation enumeration 11 Boxes for bicycles documentation enumeration 12 Non-smoking vehicle documentation enumeration 13 Sound system available documentation enumeration 14 Box for conductor documentation enumeration 15 Smoking compartment documentation enumeration 16 Dining car documentation enumeration 17 Number of business class seats documentation enumeration 18 Number if first class seats documentation enumeration 19 Number of second class seats documentation enumeration 20 Number of seats with reclining position documentation enumeration 21 Number of sleeping places documentation enumeration 22 Compartment for children documentation enumeration 23 Service vehicle documentation enumeration 24 Status of vehicle (open/closed to clients) documentation enumeration 25 Panorama vehicle documentation enumeration 26 Vehicle with business compartments documentation enumeration 27 Lounge first class documentation enumeration 28 Lounge second class documentation enumeration 29 Vehicle with conference compartment documentation Bistro vehicle
annotation	documentation Facility offered in a rolling stock
source	<pre> <xs:element name="InternalVehicleFacility"> <xs:annotation> <xs:documentation>Facility offered in a rolling stock</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation xml:lang="en">PRM (generic): Equipements for PRM</xs:documentation> </pre>

```

        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="02">
        <xs:annotation>
            <xs:documentation xml:lang="en">PRM: number of
equipments</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="03">
        <xs:annotation>
            <xs:documentation xml:lang="en">PRM: fit for
wheelchair</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="04">
        <xs:annotation>
            <xs:documentation xml:lang="en">PRM: adapted
toilets</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
        <xs:annotation>
            <xs:documentation xml:lang="en">Boxes for bicycles</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="11">
        <xs:annotation>
            <xs:documentation xml:lang="en">Non-smoking vehicle</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="12">
        <xs:annotation>
            <xs:documentation xml:lang="en">Sound system
available</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="13">
        <xs:annotation>
            <xs:documentation xml:lang="en">Box for conductor</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="14">
        <xs:annotation>
            <xs:documentation xml:lang="en">Smoking compartment</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="15">
        <xs:annotation>
            <xs:documentation xml:lang="en">Dining car</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="16">
        <xs:annotation>
            <xs:documentation xml:lang="en">Number of business class
seats</xs:documentation>

```

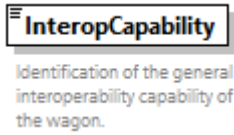
```

        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="17">
        <xs:annotation>
            <xs:documentation xml:lang="en">Number if first class
seats</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="18">
        <xs:annotation>
            <xs:documentation xml:lang="en">Number of second class
seats</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="19">
        <xs:annotation>
            <xs:documentation xml:lang="en">Number of seats with reclining
position</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="20">
        <xs:annotation>
            <xs:documentation xml:lang="en">Number of sleeping
places</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="21">
        <xs:annotation>
            <xs:documentation xml:lang="en">Compartment for
children</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="22">
        <xs:annotation>
            <xs:documentation xml:lang="en">Service vehicle</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="23">
        <xs:annotation>
            <xs:documentation xml:lang="en">Status of vehicle (open/closed to
clients)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="24">
        <xs:annotation>
            <xs:documentation xml:lang="en">Panorama vehicle</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="25">
        <xs:annotation>
            <xs:documentation xml:lang="en">Vehicle with business
compartments</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="26">

```

	<pre> <xs:annotation> <xs:documentation xml:lang="en">Lounge first class</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="27"> <xs:annotation> <xs:documentation xml:lang="en">Lounge second class</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="28"> <xs:annotation> <xs:documentation xml:lang="en">Vehicle with conference compartment</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="29"> <xs:annotation> <xs:documentation xml:lang="en">Bistro vehicle</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **InteropCapability**

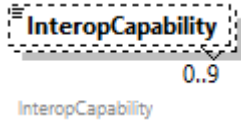
diagram	 Identification of the general interoperability capability of the wagon.		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	content	simple	
used by	element	RollingStockDataset/AdministrativeDataSet	
facets	Kind	Value	Annotation
	totalDigits	2	
	enumeration	1	documentation National
	enumeration	2	documentation Bi-/Multilateral (with agreement or authorisation grid)
	enumeration	3	documentation RIV
	enumeration	5	documentation TEN
	enumeration	6	documentation TEN-GE
	enumeration	7	documentation TEN-CW
	enumeration	8	documentation

	TEN RIV
annotation	documentation Identification of the general interoperability capability of the wagon.
source	<pre> <xs:element name="InteropCapability"> <xs:annotation> <xs:documentation>Identification of the general interoperability capability of the wagon.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="2"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>National</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Bi-/Multilateral (with agreement or authorisation grid)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>RIV</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>TEN</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>TEN-GE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>TEN-CW</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>TEN RIV</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Interoperability_LoadingGauge**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	InteropCapability NormalLoadingGauge
used by	element WagonDataHERMES/WagonTechDataHERMES
annotation	documentation Interoperability Loading Gauge
source	<pre> <xs:element name="Interoperability_LoadingGauge"> <xs:annotation> <xs:documentation>Interoperability Loading Gauge</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="InteropCapability" minOccurs="0" maxOccurs="9"> <xs:annotation> <xs:documentation>InteropCapability</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NormalLoadingGauge" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>NormalLoadingGauge</xs:documentation> <xs:documentation>Gabarit de chargement</xs:documentation> <xs:documentation>Lichtraumprofil</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Interoperability_LoadingGauge/InteropCapability**

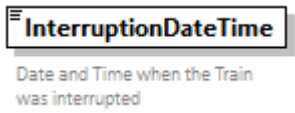
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	minOcc 0 maxOcc 9 content simple									
used by	element RollingStockDataset/AdministrativeDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
annotation	documentation InteropCapability									
source	<pre><xs:element name="InteropCapability" minOccurs="0" maxOccurs="9"> <xs:annotation> <xs:documentation>InteropCapability</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Interoperability_LoadingGauge/NormalLoadingGauge**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc0 maxOcc99 contentsimple									
used by	elements RollingStockDataset/DesignDataSet UnitTechnicalData WagonTechData									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>10</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
annotation	documentation NormalLoadingGauge									

	documentation Gabarit de chargement documentation Lichtraumprofil
source	<pre> <xs:element name="NormalLoadingGauge" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>NormalLoadingGauge</xs:documentation> <xs:documentation>Gabarit de chargement</xs:documentation> <xs:documentation>Lichtraumprofil</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **InterruptionDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements InterruptionPoint/Interruption InterruptionInformation
annotation	documentation Date and Time when the Train was interrupted
source	<pre> <xs:element name="InterruptionDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time when the Train was interrupted</xs:documentation> </xs:annotation> </xs:element> </pre>

element **InterruptionDescription**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	content simple

used by	elements ChangeOfTrackMessage ExceptionReason InterruptionPoint/Interruption InterruptionInformation									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation The free text description of an interruption									
source	<pre><xs:element name="InterruptionDescription" type="FreeText"> <xs:annotation> <xs:documentation>The free text description of an interruption</xs:documentation> </xs:annotation> </xs:element></pre>									

element **InterruptionInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	InterruptionDescription InterruptionDateTime InterruptionReason InternalReferenceIdentifier
used by	elements PathNotAvailableMessage PathSectionNotificationMessage
annotation	documentation The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption information more precisely.
source	<pre><xs:element name="InterruptionInformation"> <xs:annotation> <xs:documentation>The main part of this complex element is Interruption Reason</pre>

(Code list for Train Interruption):

A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding

Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning.

The other subelements help describing the interruption information more precisely.

```
</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="InterruptionDescription" minOccurs="0"/>
    <xs:element ref="InterruptionDateTime" minOccurs="0"/>
    <xs:element ref="InterruptionReason" minOccurs="0"/>
    <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
```

element **InterruptionPoint**

diagram	InterruptionPoint describes the interruption points with location and the reason for the interruption Location Identifies a Location using a LocationIdent DetailedDescriptionOfLocation Interruption BookedLocationDateTime Scheduled Date and Time of a train at a specified location as defined in the path contract ReferencedLocationDateTime Contains the datetime to which IM and RU commonly reference to e.g. as the goal/target on how the train should run if there are no incidents. This usually is the datetime indicated in the path contract. Planned connections or penalties for delays might for example be managed on this basis. InterruptionDuration To specify the probable duration of the interruption Remarks 0..∞ To provide any additional information to the RU or next IM (e.g. contact person, next steps, etc) GeoLocalisationOnNetwork Geolocalisation information crossed with network data.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location DetailedDescriptionOfLocation Interruption BookedLocationDateTime ReferencedLocationDateTime InterruptionDuration Remarks GeoLocalisationOnNetwork
used by	element TrainRunningInterruptionMessage
annotation	documentation describes the interruption points with location and the reason for the interruption
source	<pre> <xs:element name="InterruptionPoint"> <xs:annotation> <xs:documentation>describes the interruption points with location and the reason for the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre>

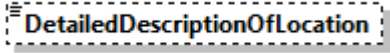
```

<xs:element ref="Location"/>
<xs:element name="DetailedDescriptionOfLocation" type="FreeText"
minOccurs="0"/>
<xs:element name="Interruption">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="InterruptionReason" minOccurs="0"/>
      <xs:element ref="InterruptionDateTime"/>
      <xs:element ref="InterruptionDescription" minOccurs="0"
maxOccurs="unbounded"/>
      <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="BookedLocationDateTime" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Scheduled Date and Time of a train at a specified
location as defined in the path contract</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="ReferencedLocationDateTime" minOccurs="0"/>
<xs:element name="InterruptionDuration" minOccurs="0">
  <xs:annotation>
    <xs:documentation>To specify the probable duration of the
interruption</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="EarliestEndDateTime" type="xs:dateTime"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Forecasted earliest time for end of
interruption</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="LatestEndDateTime" type="xs:dateTime"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Forecasted latest time for end of
interruption</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="Remarks" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>To provide any additional information to the RU or next
IM (e.g. contact person, next steps, etc)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="GeoLocalisationOnNetwork" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

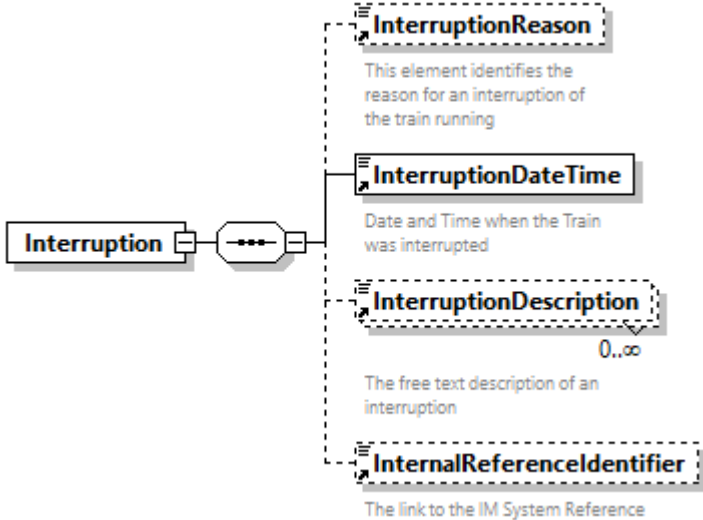
```

	</xs:element>

element **InterruptionPoint/DetailedDescriptionOfLocation**

diagram	 A diagram showing a dashed box labeled 'DetailedDescriptionOfLocation' with a small icon of a document with a checkmark to its left.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/>

element **InterruptionPoint/Interruption**

diagram	 A diagram showing the 'Interruption' element as a box connected to a sequence container (a circle with three dots). This container is connected to four child elements: 'InterruptionReason' (with description 'This element identifies the reason for an interruption of the train running'), 'InterruptionDateTime' (with description 'Date and Time when the Train was interrupted'), 'InterruptionDescription' (with description 'The free text description of an interruption' and cardinality '0..∞'), and 'InternalReferenceIdentifier' (with description 'The link to the IM System Reference').
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	InterruptionReason InterruptionDateTime InterruptionDescription InternalReferenceIdentifier
source	<pre> <xs:element name="Interruption"> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InterruptionDateTime"/> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </pre>

	<pre> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **InterruptionPoint/InterruptionDuration**

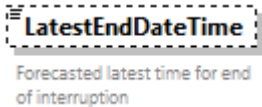
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	EarliestEndTime LatestEndTime
annotation	documentation To specify the probable duration of the interruption
source	<pre> <xs:element name="InterruptionDuration" minOccurs="0"> <xs:annotation> <xs:documentation>To specify the probable duration of the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EarliestEndTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LatestEndTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **InterruptionPoint/InterruptionDuration/EarliestEndTime**

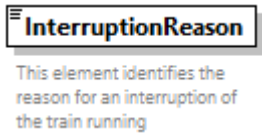
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted earliest time for end of interruption
source	<pre><xs:element name="EarliestEndTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element></pre>

element **InterruptionPoint/InterruptionDuration/LatestEndTime**

diagram	 The diagram shows a box labeled LatestEndTime with a dashed border. Below the box, it says "Forecasted latest time for end of interruption".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted latest time for end of interruption
source	<pre><xs:element name="LatestEndTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element></pre>

element **InterruptionReason**

diagram	 The diagram shows a box labeled InterruptionReason with a solid border. Below the box, it says "This element identifies the reason for an interruption of the train running".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	DelayCode
properties	content simple
used by	elements ChangeOfTrackMessage InterruptionPoint/Interruption InterruptionInformation

facets	Kind	Value	Annotation
	enumeration	11	documentation Formation of trains if managed by infrastructure manager
	enumeration	10	documentation Timetable compilation
	enumeration	12	documentation Mistakes in operational procedures
	enumeration	13	documentation Wrong application of priority rules
	enumeration	14	
	enumeration	18	documentation Staff
	enumeration	19	documentation Other causes related to the operational planning and management
	enumeration	20	documentation Signalling installations
	enumeration	21	documentation Signalling installations at level crossings
	enumeration	22	documentation Telecommunication installations
	enumeration	23	documentation Power supply equipment
	enumeration	24	documentation Track
	enumeration	25	documentation Structures
	enumeration	28	documentation Staff
	enumeration	29	documentation Other causes related to infrastructure installations
	enumeration	31	documentation Irregularities in execution of construction work
	enumeration	30	documentation Planned construction work
	enumeration	32	documentation Speed restrictions due to defective track
	enumeration	39	documentation Other causes related to Civil engineering
	enumeration	40	documentation Delay caused by next IM
	enumeration	41	documentation Delay caused by previous IM
	enumeration	50	documentation exceeding the stop time
	enumeration	51	documentation Request of the RU
	enumeration	52	documentation Loading operations
	enumeration	53	documentation Loading irregularities
	enumeration	54	documentation Commercial preparation of the train
	enumeration	58	documentation

	enumeration 59 documentation Staff Other causes related to commercial causes enumeration 60 documentation Roster planning/re-rostering enumeration 61 documentation Formation of trains by the RU enumeration 62 documentation Problems affecting coaches enumeration 63 documentation Problems affecting wagons enumeration 64 documentation Problems affecting traction units enumeration 68 documentation Staff enumeration 69 documentation Other causes related to Rolling Stock enumeration 70 documentation Delay caused by next RU enumeration 71 documentation Delay caused by previous RU enumeration 80 documentation Strike enumeration 81 documentation Administrative formalites enumeration 82 documentation Outside influence enumeration 83 documentation Effects of weather and natural causes enumeration 84 documentation Delay caused by external reasons on the next network enumeration 89 documentation Other external causes enumeration 90 documentation Dangerous incidents, accidents and hazards enumeration 91 documentation Track occupation caused by the lateness of the same train enumeration 92 documentation Track occupation caused by the lateness of another train enumeration 93 documentation Turn round enumeration 94 documentation Connection enumeration 95 documentation Further investigation needed
annotation	documentation This element identifies the reason for an interruption of the train running
source	<pre><xs:element name="InterruptionReason" type="DelayCode"> <xs:annotation> <xs:documentation>This element identifies the reason for an interruption of the train running</xs:documentation> </xs:annotation> </xs:element></pre>

element **ItineraryOfUnit**

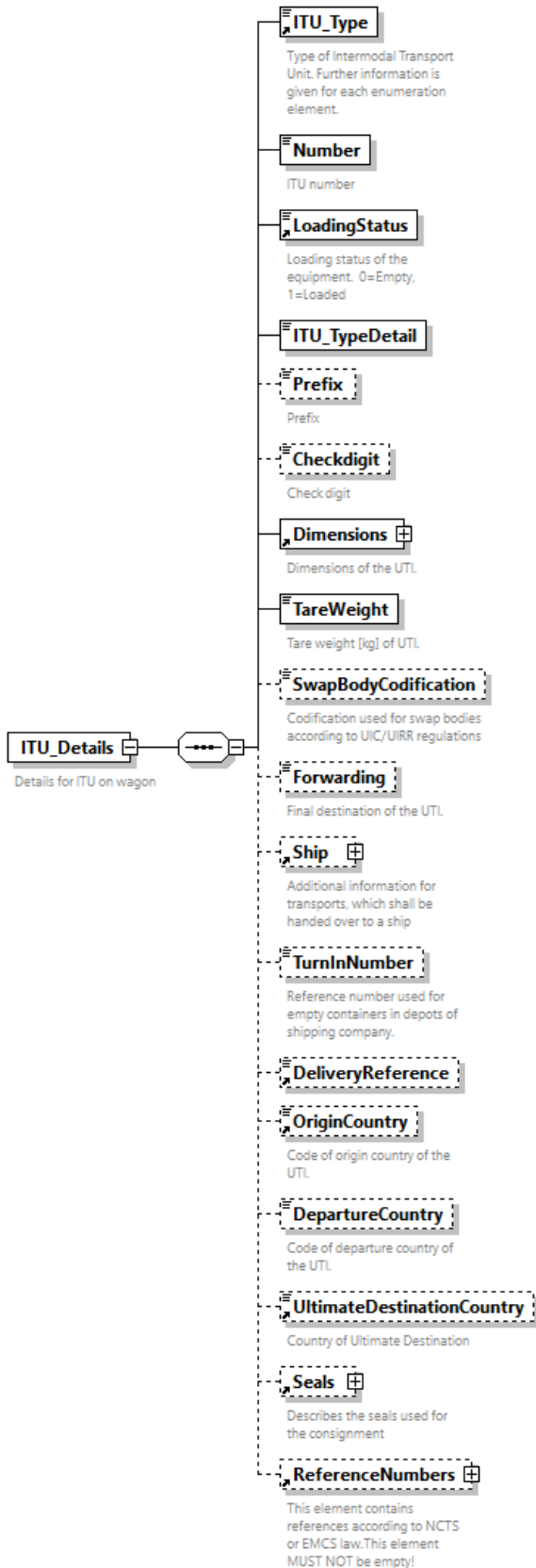
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Origin Destination Association
used by	element UnitData
annotation	documentation Itinerary of a rolling stock incorporated in the considered train
source	<pre> <xs:element name="ItineraryOfUnit"> <xs:annotation> <xs:documentation>Itinerary of a rolling stock incorporated in the considered train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Origin" minOccurs="0"/> <xs:element ref="Destination" minOccurs="0"/> <xs:element ref="Association" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element ITU

diagram	<pre> graph LR ITU[ITU] --- Seq(()) Seq --- ITU_Details[ITU_Details] Seq --- Goods[Goods] Seq --- Summary[SummaryOfGoodsWithSameRID] ITU_Details --- Seq Goods --- Seq Summary --- Seq </pre> ITU Describes the type and content of an IntermodalTransportUnit ITU_Details Details for Intermodal Transport Unit on wagon Goods Describes the goods inside the means of transport 1..99 SummaryOfGoodsWithSameRID This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and proper shipping name in the wagon. The added amount of the dangerous goods are to be stored 0..25
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ITU_Details Goods SummaryOfGoodsWithSameRID
annotation	documentation Describes the type and content of an IntermodalTransportUnit
source	<pre> <xs:element name="ITU"> <xs:annotation> <xs:documentation>Describes the type and content of an IntermodalTransportUnit</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ITU_Details"> <xs:annotation> <xs:documentation>Details for Intermodal Transport Unit on wagon</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Goods" maxOccurs="99"/> <xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0" maxOccurs="25"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ITU_Details**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ITU Type Number LoadingStatus ITU TypeDetail Prefix Checkdigit Dimensions TareWeight SwapBodyCodification Forwarding Ship TurnInNumber DeliveryReference OriginCountry DepartureCountry UltimateDestinationCountry Seals ReferenceNumbers
used by	element ITU
annotation	documentation Details for ITU on wagon
source	<pre> <xs:element name="ITU_Details"> <xs:annotation> <xs:documentation>Details for ITU on wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ITU_Type"> <xs:annotation> <xs:documentation>Type of Intermodal Transport Unit. Further information is given for each enumeration element.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Number"> <xs:annotation> <xs:documentation>ITU number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentNumberType"/> </xs:simpleType> </xs:element> <xs:element ref="LoadingStatus"/> <xs:element name="ITU_TypeDetail"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="BX"/> <xs:enumeration value="BK"/> <xs:enumeration value="FL"/> <xs:enumeration value="HT"/> <xs:enumeration value="HC"/> <xs:enumeration value="IN"/> <xs:enumeration value="OT"/> <xs:enumeration value="HH"/> <xs:enumeration value="PW"/> <xs:enumeration value="OS"/> <xs:enumeration value="RF"/> <xs:enumeration value="SD"/> <xs:enumeration value="SL"/> <xs:enumeration value="VE"/> <xs:enumeration value="TC"/> <xs:enumeration value="RH"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>


```

<xs:element name="Prefix" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Prefix</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="5"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Checkdigit" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Check digit</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:totalDigits value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="Dimensions"/>
<xs:element name="TareWeight" type="WeightValueKilo">
  <xs:annotation>
    <xs:documentation>Tare weight [kg] of UTI.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SwapBodyCodification" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Codification used for swap bodies according to
UIC/UIRR regulations </xs:documentation>
    <xs:documentation>CODE:</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="3"/>
      <xs:maxLength value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Forwarding" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Final destination of the UTI.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="80"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="Ship" minOccurs="0">
  <xs:annotation/>
</xs:element>
<xs:element name="TurnInNumber" minOccurs="0">

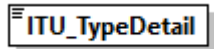
```

	<pre> <xs:annotation> <xs:documentation>Reference number used for empty containers in depots of shipping company.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DeliveryReference" minOccurs="0"/> <xs:element ref="OriginCountry" minOccurs="0"/> <xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Code of departure country of the UTI.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="UltimateDestinationCountry" minOccurs="0"/> <xs:element ref="Seals" minOccurs="0"/> <xs:element ref="ReferenceNumbers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

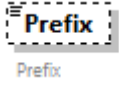
element **ITU_Details/Number**

diagram	Number ITU number									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of EquipmentNumberType									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>13</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation								
minLength	1									
maxLength	13									
annotation	documentation ITU number									
source	<pre><xs:element name="Number"> <xs:annotation> <xs:documentation>ITU number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentNumberType"/> </xs:simpleType> </xs:element></pre>									

element **ITU_Details/ITU_TypeDetail**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	BX	
	enumeration	BK	
	enumeration	FL	
	enumeration	HT	
	enumeration	HC	
	enumeration	IN	
	enumeration	OT	
	enumeration	HH	
	enumeration	PW	
	enumeration	OS	
	enumeration	RF	
	enumeration	SD	
	enumeration	SL	
	enumeration	VE	
	enumeration	TC	
	enumeration	RH	
source	<pre><xs:element name="ITU_TypeDetail"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="BX"/> <xs:enumeration value="BK"/> <xs:enumeration value="FL"/> <xs:enumeration value="HT"/> <xs:enumeration value="HC"/> <xs:enumeration value="IN"/> <xs:enumeration value="OT"/> <xs:enumeration value="HH"/> <xs:enumeration value="PW"/> <xs:enumeration value="OS"/> <xs:enumeration value="RF"/> <xs:enumeration value="SD"/> <xs:enumeration value="SL"/> <xs:enumeration value="VE"/> <xs:enumeration value="TC"/> <xs:enumeration value="RH"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element ITU_Details/Prefix

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Prefix
source	<pre> <xs:element name="Prefix" minOccurs="0"> <xs:annotation> <xs:documentation>Prefix</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element ITU_Details/Checkdigit

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:int
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 1
annotation	documentation Check digit
source	<pre> <xs:element name="Checkdigit" minOccurs="0"> <xs:annotation> <xs:documentation>Check digit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> </pre>

	<pre> <xs:totalDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ITU_Details/TareWeight**

diagram	TareWeight Tare weight [kg] of UTL												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Tare weight [kg] of UTL.												
source	<pre><xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of UTL.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ITU_Details/SwapBodyCodification**

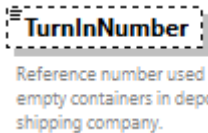
diagram	≡ SwapBodyCodification Codification used for swap bodies according to UIC/UIRR regulations
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc0 maxOcc1 contentsimple
facets	KindValueAnnotation minLength3 maxLength4
annotation	documentation Codification used for swap bodies according to UIC/UIRR regulations documentation CODE:
source	<xs:element name="SwapBodyCodification" minOccurs="0"> <xs:annotation> <xs:documentation>Codification used for swap bodies according to UIC/UIRR

	<pre> regulations </xs:documentation> <xs:documentation>CODE:</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ITU_Details/Forwarding**

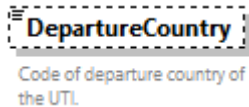
diagram	Forwarding Final destination of the UTL									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>80</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	80	
Kind	Value	Annotation								
minLength	1									
maxLength	80									
annotation	documentation Final destination of the UTI.									
source	<pre><xs:element name="Forwarding" minOccurs="0"> <xs:annotation> <xs:documentation>Final destination of the UTI.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ITU_Details/TurnInNumber**

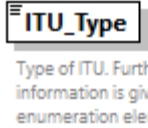
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 30
annotation	documentation Reference number used for empty containers in depots of shipping company.
source	<pre><xs:element name="TurnInNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Reference number used for empty containers in depots of shipping company.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ITU_Details/DepartureCountry**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Code of departure country of the UTI. documentation CODE: ISO-3166-2									
source	<pre><xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Code of departure country of the UTI.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ITU_Type**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of EquipmentTypeType		
properties	content	simple	
used by	element	ITU_Details	
facets	Kind	Value	Annotation
	enumeration	cn	documentation Container
	enumeration	sw	documentation swap body
	enumeration	te	documentation Trailer (RollingRoad)
annotation	documentation Type of ITU. Further information is given for each enumeration element.		
source	<pre><xs:element name="ITU_Type"> <xs:annotation> <xs:documentation>Type of ITU. Further information is given for each enumeration element.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentTypeType"/> </xs:simpleType> </xs:element></pre>		

element **JourneyLocationTypeCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	element	PlannedJourneyLocation	
facets	Kind	Value	Annotation
	enumeration	01	documentation Origin
	enumeration	02	documentation Intermediate
	enumeration	03	documentation Destination
	enumeration	04	documentation Handover

	enumeration 05 documentation Interchange enumeration 06 documentation Handover and Interchange enumeration 07 documentation State Border enumeration 08 documentation None enumeration 09 documentation Network border enumeration 99 documentation Mutually Defined
source	<pre> <xs:element name="JourneyLocationTypeCode"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Origin</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>Intermediate</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>Destination</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>Handover</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="05"> <xs:annotation> <xs:documentation>Interchange</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>Handover and Interchange</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>State Border</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> </pre>

	<pre> <xs:annotation> <xs:documentation>None</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="09"> <xs:annotation> <xs:documentation>Network border</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="99"> <xs:annotation> <xs:documentation>Mutually Defined</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **JourneySection**

diagram	<pre> classDiagram class JourneySection { JourneySectionOrigin JourneySectionDestination ResponsibilityActualSection ResponsibilityNextSection } JourneySection --> JourneySectionOrigin JourneySection --> JourneySectionDestination JourneySection --> ResponsibilityActualSection JourneySection --> ResponsibilityNextSection </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	JourneySectionOrigin JourneySectionDestination ResponsibilityActualSection ResponsibilityNextSection
used by	elements InterchangePoints TrainCompositionJourneySection
annotation	documentation Defines the data provided by the IM for a journey section
source	<pre> <xs:element name="JourneySection"> <xs:annotation> <xs:documentation>Defines the data provided by the IM for a journey section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="JourneySectionOrigin"/> </pre>

	<pre> <xs:element ref="JourneySectionDestination"/> <xs:element ref="ResponsibilityActualSection"/> <xs:element ref="ResponsibilityNextSection" minOccurs="0"> <xs:annotation> <xs:documentation>Only optional for the last section</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **JourneySectionDestination**

diagram	JourneySectionDestination Destination of the section on which train composition is unchanged LocationIdent (extension) CountryCodeISO Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification Code, Name and allocation company of Subsidiary Location BookedLocationDateTime Contains the most recent planned datetime including re-planning in planning and operations phase, which is the datetime of the last Path Details Message status "booked".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime
used by	elements JourneySection PassengerJourneySection
annotation	documentation Destination of the section on which train composition is unchanged
source	<pre> <xs:element name="JourneySectionDestination"> <xs:annotation> <xs:documentation>Destination of the section on which train composition is unchanged</xs:documentation> </pre>

	<pre> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **JourneySectionOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime
used by	elements JourneySection PassengerJourneySectionOrigin PassengerJourneySection/PassengerJourneySectionOrigin
annotation	documentation Origin of the section on which train composition is unchanged
source	<pre> <xs:element name="JourneySectionOrigin"> <xs:annotation> <xs:documentation>Origin of the section on which train composition is </pre>

	<pre> unchanged</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **Keeper**

diagram	Keeper The person, who being the owner or having the right to dispose of it, exploits a vehicle economically in a permanent manner as a means of transport and is registered as such in the Rolling Stock Register.												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	element TrainOrCoachGroupComposition/Unit												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation The person, who being the owner or having the right to dispose of it, exploits a vehicle economically in a permanent manner as a means of transport and is registered as such in the Rolling Stock Register.												
source	<pre><xs:element name="Keeper" type="CompanyCode"> <xs:annotation> <xs:documentation>The person, who being the owner or having the right to dispose of it, exploits a vehicle economically in a permanent manner as a means of transport and is registered as such in the Rolling Stock Register.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **KeeperShortNameVKM**

diagram	 Free text, short name/vehicle keeper marking of the wagon keeper as listed in VKM register (https://www.era.europa.eu/domain 2nd column (UNIQUE) - without special characters)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
used by	elements RollingStockDataset/AdministrativeDataSet RollingStockDatasetMessage/RefusedWagonNumbers
facets	Kind Value Annotation maxLength 10
annotation	documentation Free text, short name/vehicle keeper marking of the wagon keeper as listed in VKM register (https://www.era.europa.eu/domains/registers/vkm_en , 2nd column (UNIQUE) - without special characters)
source	<pre><xs:element name="KeeperShortNameVKM"> <xs:annotation> <xs:documentation>Free text, short name/vehicle keeper marking of the wagon keeper as listed in VKM register (https://www.era.europa.eu/domains/registers/vkm_en, 2nd column (UNIQUE) - without special characters)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **LastModifiedDateTime**

diagram	 Date and Time of last update or modification of data
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Date and Time of last update or modification of data
source	<pre><xs:element name="LastModifiedDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of last update or modification of</pre>

	<pre>data</xs:documentation> </xs:annotation> </xs:element></pre>

element **LastTrainFormationLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName
used by	element OperationalTrainNumberID
annotation	documentation Group CRD Code
source	<pre><xs:element name="LastTrainFormationLocation"> <xs:annotation> <xs:documentation>Group CRD Code</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **Latitude**

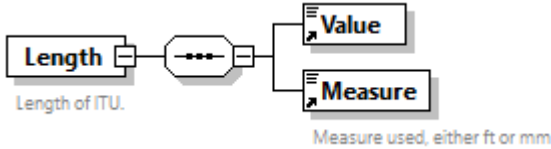
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:float
properties	content simple

used by	element GeographicCoordinates
annotation	documentation Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.
source	<pre> <xs:element name="Latitude" type="xs:float"> <xs:annotation> <xs:documentation>Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **LeadRU**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	content simple		
used by	elements	ObjectInfoMessage PathCanceledMessage PathConfirmedMessage PathCoordinationMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PathSectionNotificationMessage complexType CapacityModelType	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
annotation	documentation Lead Railway Undertaking		
source	<pre> <xs:element name="LeadRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Lead Railway Undertaking</xs:documentation> </xs:annotation> </xs:element> </pre>		

element **Length**

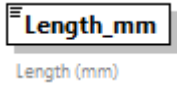
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
properties	content complex		
children	Value Measure		

used by	elements Dimensions TractionDetails complexType DimensionValue
annotation	documentation Length of ITU.
source	<pre> <xs:element name="Length"> <xs:annotation> <xs:documentation>Length of ITU.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Length_ft**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element ILU Data									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
annotation	documentation Length (ft)									
source	<pre><xs:element name="Length_ft"> <xs:annotation> <xs:documentation>Length (ft)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Length_mm**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	content	simple	
used by	element	ILU Data	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
annotation	documentation Length (mm)		
source	<pre><xs:element name="Length_mm"> <xs:annotation> <xs:documentation>Length (mm)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **LengthOfSetOfCarriages**

diagram	≡ LengthOfSetOfCarriages The calculated and rounded up maximum length of all wagons/coaches of the train (sum of all length over buffer of the wagons) expressed in metres. This is made optional together with TrainLength, but it could be implemented by applications as mandatory.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric4-4									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0001</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0001		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0001									
maxInclusive	9999									
annotation	documentation The calculated and rounded up maximum length of all wagons/coaches of the train (sum of all length over buffer of the wagons) expressed in metres. This is made optional together with TrainLength, but it could be implemented by applications as mandatory.									
source	<pre><xs:element name="LengthOfSetOfCarriages" type="Numeric4-4"> <xs:annotation> <xs:documentation>The calculated and rounded up maximum length of all</pre>									

	wagons/coaches of the train (sum of all length over buffer of the wagons) expressed in metres. This is made optional together with TrainLength, but it could be implemented by applications as mandatory.</xs:documentation> </xs:annotation> </xs:element>

element **LengthOverBuffers**

diagram	≡ LengthOverBuffers Length over buffers is expressed in cm.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet RollingStockTechnicalData UnitTechnicalData WagonTechData WagonDataHERMES/WagonTechDataHERMES									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999999									
annotation	documentation Length over buffers is expressed in cm.									
source	<pre><xs:element name="LengthOverBuffers"> <xs:annotation> <xs:documentation>Length over buffers is expressed in cm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LineCategory**

diagram	LineCategory Line category						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
used by	element TableOfLoadLimits/ListOfLoadLimits						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>A</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	A	
Kind	Value	Annotation					
enumeration	A						

	enumeration B enumeration B1 enumeration B2 enumeration C enumeration C2 enumeration C3 enumeration C4 enumeration D enumeration D2 enumeration D3 enumeration D4 enumeration E enumeration E4 enumeration E5 enumeration F enumeration G enumeration CE enumeration CM enumeration M2 enumeration M3 enumeration M4
annotation	documentation Line category
source	<pre> <xs:element name="LineCategory"> <xs:annotation> <xs:documentation>Line category</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="A"/> <xs:enumeration value="B"/> <xs:enumeration value="B1"/> <xs:enumeration value="B2"/> <xs:enumeration value="C"/> <xs:enumeration value="C2"/> <xs:enumeration value="C3"/> <xs:enumeration value="C4"/> <xs:enumeration value="D"/> <xs:enumeration value="D2"/> <xs:enumeration value="D3"/> <xs:enumeration value="D4"/> <xs:enumeration value="E"/> <xs:enumeration value="E4"/> <xs:enumeration value="E5"/> <xs:enumeration value="F"/> <xs:enumeration value="G"/> <xs:enumeration value="CE"/> <xs:enumeration value="CM"/> <xs:enumeration value="M2"/> <xs:enumeration value="M3"/> </pre>

	<pre> <xs:enumeration value="M4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ListOfCountriesOnAgreementGrid**

diagram	ListOfCountriesOnAgreementG... List of countries on agreement grid									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element WagonDataHERMES/WagonTechDataHERMES									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>2</td><td></td></tr><tr><td>pattern</td><td>\d*[1-9]\d*</td><td></td></tr></table>	Kind	Value	Annotation	length	2		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	2									
pattern	\d*[1-9]\d*									
annotation	documentation List of countries on agreement grid									
source	<pre><xs:element name="ListOfCountriesOnAgreementGrid"> <xs:annotation> <xs:documentation>List of countries on agreement grid</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>									

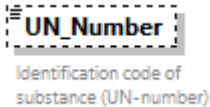
element **ListOfDangerousGoods**

diagram	HazardIdentificationNumber This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1. UN_Number Identification code of substance (UN-number) RID_Class RID_Class ClassificationCode Classification code PackingGroup Packing group RID_NameAndDescription RID name and description DangerousGoodsWeight The weight of dangerous goods in kilograms WeightOfNetExplosiveMass Weight of net explosive mass DangerLabel 0..9 Hazard label SpecialProvisions Special provisions AdditionalChemicalName Additional chemical name to WLR_10 SpecialProvisionsADR_RID_tanks Special provisions ADR/RID tanks DangerousGoodsVolume Volume (liter) of dangerous good
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	HazardIdentificationNumber UN_Number RID_Class ClassificationCode PackingGroup RID_NameAndDescription DangerousGoodsWeight WeightOfNetExplosiveMass DangerLabel

	SpecialProvisions AdditionalChemicalName SpecialProvisionsADR RID tanks DangerousGoodsVolume
used by	elements ILU InformationPerNHM InformationPerNHM
annotation	documentation List of dangerous goods
source	<pre> <xs:element name="ListOfDangerousGoods"> <xs:annotation> <xs:documentation>List of dangerous goods</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="HazardIdentificationNumber" minOccurs="0"/> <xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>Identification code of substance (UN-number)</xs:documentation> <xs:documentation>Nummer zur Kennzeichnung des Stoffes (UN-Nr.)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:totalDigits value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>RID_Class</xs:documentation> <xs:documentation>RID_Klasse</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ClassificationCode" minOccurs="0"/> <xs:element name="PackingGroup" minOccurs="0"> <xs:annotation> <xs:documentation>Packing group</xs:documentation> <xs:documentation>Verpackungsgruppe</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="3"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="RID_NameAndDescription" minOccurs="0"/> <xs:element ref="DangerousGoodsWeight" minOccurs="0"/> <xs:element ref="WeightOfNetExplosiveMass" minOccurs="0"/> <xs:element name="DangerLabel" minOccurs="0" maxOccurs="9"> </pre>

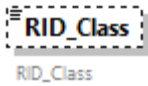
	<pre> <xs:annotation> <xs:documentation>Hazard label</xs:documentation> <xs:documentation>Gefahrenzettel</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="3"/> <xs:pattern value="[A-Za-z0-9\.\.]+"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="SpecialProvisions" minOccurs="0"/> <xs:element ref="AdditionalChemicalName" minOccurs="0"/> <xs:element ref="SpecialProvisionsADR_RID_tanks" minOccurs="0"/> <xs:element name="DangerousGoodsVolume" minOccurs="0"> <xs:annotation> <xs:documentation>Volume (liter) of dangerous good</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ListOfDangerousGoods/UN_Number**

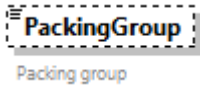
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	minOcc 0 maxOcc 1 content simple
used by	element SummaryOFGoodsWithSameRID
facets	Kind Value Annotation totalDigits 4
annotation	documentation Identification code of substance (UN-number) documentation Nummer zur Kennzeichnung des Stoffes (UN-Nr.)
source	<pre> <xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>Identification code of substance </pre>

	<pre> (UN-number)</xs:documentation> <xs:documentation>Nummer zur Kennzeichnung des Stoffes (UN-Nr.)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:totalDigits value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ListOfDangerousGoods/RID_Class**

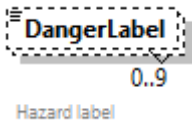
diagram	 The diagram shows a dashed box labeled 'RID_Class' with a small icon to its left. Below the box, the text 'RID_Class' is written.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
used by	element RID complexType DanGoodsType
facets	Kind Value Annotation minLength 1 maxLength 4
annotation	documentation RID_Class documentation RID_Klasse
source	<pre> <xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>RID_Class</xs:documentation> <xs:documentation>RID_Klasse</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ListOfDangerousGoods/PackingGroup**

diagram	 The diagram shows a dashed box labeled 'PackingGroup' with a small icon to its left. Below the box, the text 'Packing group' is written.

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
used by	elements RID SummaryOfGoodsWithSameRID complexType DanGoodsType
facets	Kind Value Annotation minLength 1 maxLength 3
annotation	documentation Packing group documentation Verpackungsgruppe
source	<pre> <xs:element name="PackingGroup" minOccurs="0"> <xs:annotation> <xs:documentation>Packing group</xs:documentation> <xs:documentation>Verpackungsgruppe</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="3"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ListOfDangerousGoods/DangerLabel**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 9 content simple
used by	element RID complexType DanGoodsType
facets	Kind Value Annotation maxLength 3 pattern [A-Za-z0-9\,]+
annotation	documentation Hazard label documentation Gefahrenzettel

source	<pre> <xs:element name="DangerLabel" minOccurs="0" maxOccurs="9"> <xs:annotation> <xs:documentation>Hazard label</xs:documentation> <xs:documentation>Gefahrenzettel</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="3"/> <xs:pattern value="[A-Za-z0-9\.\.]+"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ListOfDangerousGoods/DangerousGoodsVolume**

diagram	

element **ListOfSpeedCategories**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Speed NumberOfStars
used by	element TableOfLoadLimits/ListOfLoadLimits/SpeedCategories
annotation	documentation List of speed categories
source	<pre> <xs:element name="ListOfSpeedCategories"> <xs:annotation> <xs:documentation>List of speed categories</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Speed"/> <xs:element ref="NumberOfStars"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LivestockOrPeopleIndicator**

diagram	</

	are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'
source	<pre> <xs:element name="LivestockOrPeopleIndicator"> <xs:annotation> <xs:documentation>Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

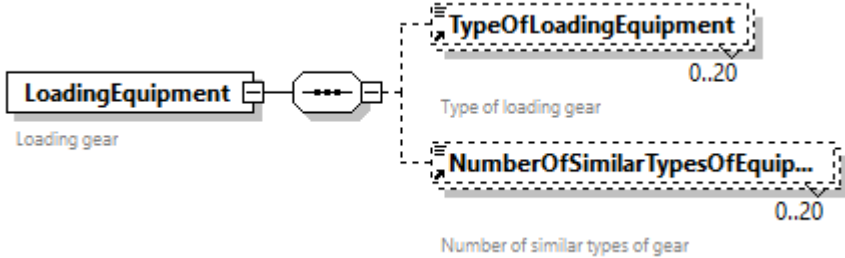
element **LoadArea**

diagram	LoadArea Payload Area - measured in M2									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>totalDigits</td><td>5</td><td></td></tr><tr><td>fractionDigits</td><td>1</td><td></td></tr></tbody></table>	Kind	Value	Annotation	totalDigits	5		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	5									
fractionDigits	1									
annotation	documentation Payload Area - measured in M2									
source	<pre><xs:element name="LoadArea"> <xs:annotation> <xs:documentation>Payload Area - measured in M2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LoadingCapacity**

diagram	☰ LoadingCapacity Usable Cube - measured in M3									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>5</td><td></td></tr><tr><td>fractionDigits</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	5		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	5									
fractionDigits	1									
annotation	documentation Usable Cube - measured in M3									
source	<pre><xs:element name="LoadingCapacity"> <xs:annotation> <xs:documentation>Usable Cube - measured in M3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LoadingEquipment**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TypeOfLoadingEquipment NumberOfSimilarTypesOfEquipment
used by	element AdditionalEquipment
annotation	documentation Loading gear
source	<pre><xs:element name="LoadingEquipment"> <xs:annotation> <xs:documentation>Loading gear</xs:documentation></pre>

	<pre> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TypeOfLoadingEquipment" minOccurs="0" maxOccurs="20"/> <xs:element ref="NumberOfSimilarTypesOfEquipment" minOccurs="0" maxOccurs="20"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LoadingFacility**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CustomerNumber AdministrativeContactInformation
annotation	documentation Identifies the loading facility (in case of message type = ORU)
source	<pre> <xs:element name="LoadingFacility"> <xs:annotation> <xs:documentation>Identifies the loading facility (in case of message type = ORU)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CustomerNumber" minOccurs="0"/> <xs:element ref="AdministrativeContactInformation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LoadingGauge**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:token

properties	content	simple
used by	element	RollingStockTechnicalData
facets	Kind	Value Annotation
	enumeration	GA
	enumeration	GB
	enumeration	GB1
	enumeration	GC
	enumeration	G
annotation	documentation	The enlarged reference profile as defined in UIC Leaflet 506.
source	<pre><xs:element name="LoadingGauge"> <xs:annotation> <xs:documentation>The enlarged reference profile as defined in UIC Leaflet 506.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="GA"/> <xs:enumeration value="GB"/> <xs:enumeration value="GB1"/> <xs:enumeration value="GC"/> <xs:enumeration value="G"/> </xs:restriction> </xs:simpleType> </xs:element></pre>	

element **LoadingHeight**

diagram	LoadingHeight Height of loading plane in unladen state									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element WagonDataHERMES/WagonTechDataHERMES									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation Height of loading plane in unladen state									
source	<pre><xs:element name="LoadingHeight"> <xs:annotation> <xs:documentation>Height of loading plane in unladen state</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"></pre>									

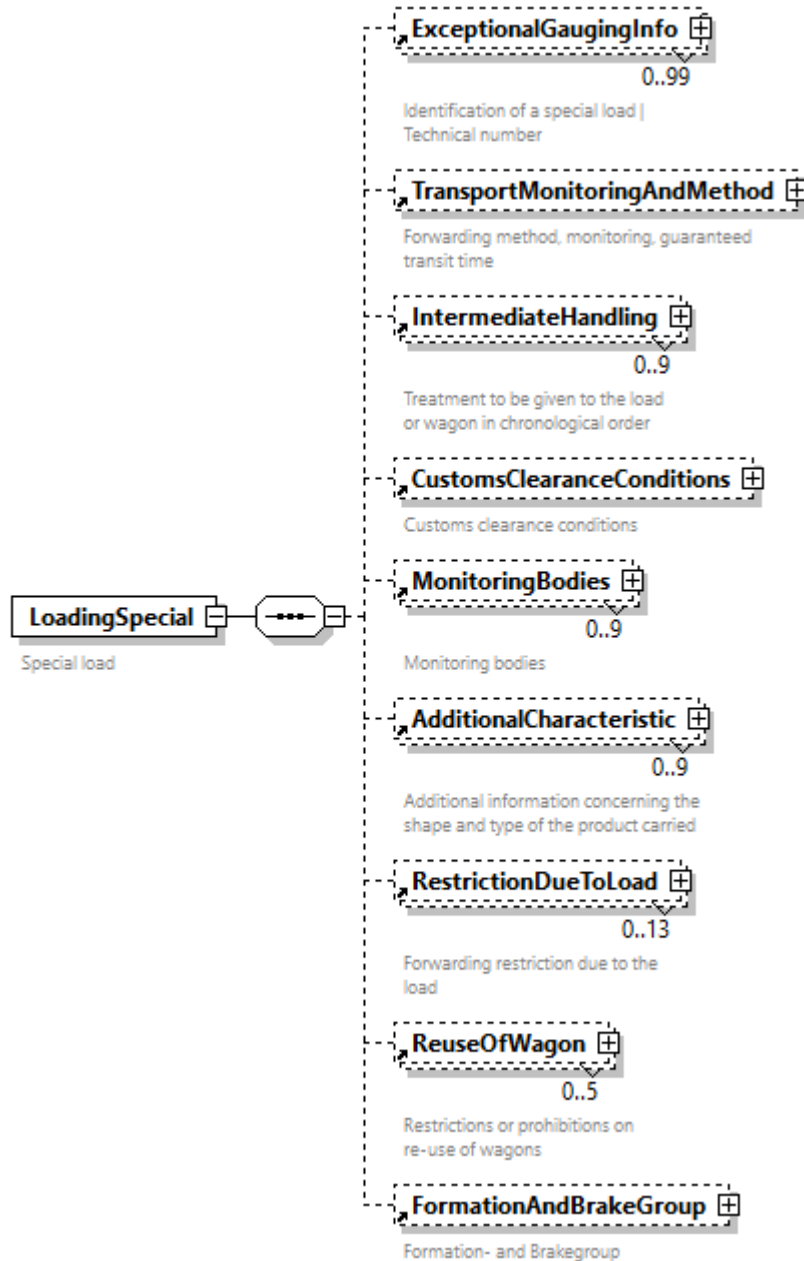

```

<xs:minInclusive value="1"/>
<xs:maxInclusive value="9999"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **LoadingSpecial**

diagram



namespace <http://www.era.europa.eu/schemes/TAFTSI/3.5>

properties content complex

children	ExceptionalGaugingInfo TransportMonitoringAndMethod IntermediateHandling CustomsClearanceConditions MonitoringBodies AdditionalCharacteristic RestrictionDueToLoad ReuseOfWagon FormationAndBrakeGroup
used by	element WagonDataHERMES
annotation	documentation Special load
source	<pre> <xs:element name="LoadingSpecial"> <xs:annotation> <xs:documentation>Special load</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ExceptionalGaugingInfo" minOccurs="0" maxOccurs="99"/> <xs:element ref="TransportMonitoringAndMethod" minOccurs="0"/> <xs:element ref="IntermediateHandling" minOccurs="0" maxOccurs="9"/> <xs:element ref="CustomsClearanceConditions" minOccurs="0"/> <xs:element ref="MonitoringBodies" minOccurs="0" maxOccurs="9"/> <xs:element ref="AdditionalCharacteristic" minOccurs="0" maxOccurs="9"/> <xs:element ref="RestrictionDueToLoad" minOccurs="0" maxOccurs="13"/> <xs:element ref="ReuseOfWagon" minOccurs="0" maxOccurs="5"/> <xs:element ref="FormationAndBrakeGroup" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LoadingStatus**

diagram	☰ LoadingStatus Loading status of the equipment. 0=Empty, 1=Loaded									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	elements ILU Details ITU Details RollingRoadUnit/RollingRoadUnitDetails Wagons/WagonDetails WagonInformation WagonLoad									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	documentation Loading status of the equipment. 0=Empty, 1=Loaded									
source	<pre><xs:element name="LoadingStatus"> <xs:annotation> <xs:documentation>Loading status of the equipment. 0=Empty, 1=Loaded</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"></pre>									

	<pre> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **LoadingTackles**

diagram	<pre> classDiagram class LoadingTackles { LoadingTackleType Quantity TotalWeightLoadingTackles TypeDescription } class LoadingTackleType { LoadingTackleType } class Quantity { Quantity } class TotalWeightLoadingTackles { TotalWeightLoadingTackles } class TypeDescription { TypeDescription } LoadingTackles --> LoadingTackleType LoadingTackles --> Quantity LoadingTackles --> TotalWeightLoadingTackles LoadingTackles --> TypeDescription </pre> LoadingTackles Describes the loading tackles used inside the wagon LoadingTackleType Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list. Quantity Amount of the loading tackles of the specified type. TotalWeightLoadingTackles Total weight of the loading tackles (kg) of the specified type TypeDescription Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LoadingTackleType Quantity TotalWeightLoadingTackles TypeDescription
used by	elements ILU Wagons
annotation	documentation Describes the loading tackles used inside the wagon
source	<pre> <xs:element name="LoadingTackles"> <xs:annotation> <xs:documentation>Describes the loading tackles used inside the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LoadingTackleType"> <xs:annotation> <xs:documentation>Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"/> </pre>

	<pre> </xs:simpleType> </xs:element> <xs:element ref="Quantity"/> <xs:element name="TotalWeightLoadingTackles" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the loading tackles (kg) of the specified type</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TypeDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LoadingTackles/LoadingTackleType**

diagram	 Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
annotation	documentation Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.
source	<pre> <xs:element name="LoadingTackleType"> <xs:annotation> <xs:documentation>Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"/> </xs:simpleType> </xs:element> </pre>

element **LoadingTackles/TotalWeightLoadingTackles**

diagram	TotalWeightLoadingTackles Total weight of the loading tackles (kg) of the specified type												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Total weight of the loading tackles (kg) of the specified type												
source	<pre><xs:element name="TotalWeightLoadingTackles" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the loading tackles (kg) of the specified type</xs:documentation> </xs:annotation> </xs:element></pre>												

element **LoadingTackles/TypeDescription**

diagram	TypeDescription Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.
source	<pre><xs:element name="TypeDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre>

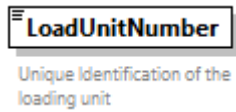
	<pre> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **LoadTableStars**

diagram	LoadTableStars Number of load table stars.															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:integer															
properties	content simple															
used by	element RollingStockDataset/DesignDataSet/LoadTable															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>totalDigits</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>1</td><td>documentation Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.</td></tr><tr><td>enumeration</td><td>2</td><td>documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions.</td></tr><tr><td>enumeration</td><td>3</td><td>documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.</td></tr></tbody></table>	Kind	Value	Annotation	totalDigits	1		enumeration	1	documentation Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.	enumeration	2	documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions.	enumeration	3	documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.
Kind	Value	Annotation														
totalDigits	1															
enumeration	1	documentation Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.														
enumeration	2	documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions.														
enumeration	3	documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.														
annotation	documentation Number of load table stars.															
source	<pre><xs:element name="LoadTableStars"> <xs:annotation> <xs:documentation>Number of load table stars.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="1"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>															

	<pre> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **LoadUnitNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of LoadUnitNumberType
properties	content simple
used by	elements ILUDataMessage/QueryResponse/ILUData ILUDataMessage/QueryResponse/RefusedILUData
facets	Kind Value Annotation whiteSpace replace pattern [A-Za-z0-9]{11}
annotation	documentation Unique Identification of the loading unit
source	<pre><xs:element name="LoadUnitNumber"> <xs:annotation> <xs:documentation>Unique Identification of the loading unit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="LoadUnitNumberType"/> </xs:simpleType> </xs:element></pre>

element **Location**

diagram	The diagram illustrates the structure of the Location element. It is composed of a LocationIdent container, which is a dashed box. Inside this container, there are four sub-elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. CountryCodeISO and LocationPrimaryCode are solid boxes, while PrimaryLocationName and LocationSubsidiaryIdentification are dashed boxes. LocationSubsidiaryIdentification has a small square icon with a plus sign in the top right corner. The Location element is shown on the left, connected to the LocationIdent container.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements AcceptanceInterchangePoint AffectedLocation ArrivalInterchangeReport ConsignementOrderMessage/COMS/COM/CustomsProcedures DeliveryInterchangePoint DepartureInterchangeReport ExceptionPoint InterruptionPoint LocationModified LocationOfRestrictionDetection CapacityModelSearchCriteria/LocationSearch ProductionStation RefusalAtInterchange SpecialTreatments TrainForecastAtReportingLocationMessage TrainLocationReport WagonAtDeparture WagonEventInformation WagonPickupAtOrigin
annotation	documentation Identifies a Location using a LocationIdent
source	<pre><xs:element name="Location" type="LocationIdent"> <xs:annotation> <xs:documentation>Identifies a Location using a LocationIdent</xs:documentation> </xs:annotation> </xs:element></pre>

element **LocationActualTrack**

diagram	The diagram shows a box labeled LocationActualTrack connected to a dashed box labeled LocationIdent. Inside LocationIdent, there are four elements: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an offication language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element ChangeOfTrackMessage
source	<code><xs:element name="LocationActualTrack" type="LocationIdent"/></code>

element **LocationDateTime**

diagram	The diagram shows a box labeled LocationDateTime with the description: Identifies the actual or forecasted Date / Time at a specific reporting point.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements AffectedLocation RunningStatusReportMessage TrainAtLocation TrainLocationReport
annotation	documentation Identifies the actual or forecasted Date / Time at a specific reporting point
source	<pre> <xs:element name="LocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual or forecasted Date / Time at a specific reporting point</xs:documentation> </xs:annotation> </xs:element> </pre>

element **LocationFileDatasetMessage**

diagram	<pre> graph LR LFD[LocationFileDatasetMessage Used to Create, Modify or Update the LocationIdent Reference File] --- S[...] S --- MH[MessageHeader Used for all messages] S --- MS[MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion] S --- CCI[CountryCodeISO Identifies a County or State by code (ISO 3166-1)] S --- LPC[LocationPrimaryCode] S --- VP[ValidityPeriod] S --- C[...] C --- LPI[LocationPrimaryInformation Required for Primary Location Add, Update, of a Location Primary Code] C --- LSI[LocationSubsidiaryInformation Required for Add, Update of a Location Subsidiary Code (modified to global element)] </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus CountryCodeISO LocationPrimaryCode ValidityPeriod LocationPrimaryInformation LocationSubsidiaryInformation
annotation	documentation Used to Create, Modify or Update the LocationIdent Reference File
source	<pre> <xs:element name="LocationFileDatasetMessage"> <xs:annotation> <xs:documentation> Used to Create, Modify or Update the LocationIdent Reference File</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="ValidityPeriod"/> <xs:choice> <xs:element ref="LocationPrimaryInformation"/> <xs:element ref="LocationSubsidiaryInformation"/> </xs:choice> </xs:sequence> </xs:complexType> </pre>

</xs:element>

element **LocationModified**

diagram	The diagram illustrates the structure of the LocationModified element. It is a complex type containing the following elements: Location: Identifies a Location using a LocationIdent. ModificationStatusIndicator: This element shows if the location has been added or deleted in the modified train journey. TrainLocationStatus (optional): Identifies the status of a train related to the actual time at a reporting point. BookedLocationDateTime (optional): Contains the most recent planned datetime including re-planning in planning and operations phase, which is the datetime of the last Path Details Message status "booked".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location ModificationStatusIndicator TrainLocationStatus BookedLocationDateTime
used by	element TrainJourneyModification
annotation	documentation This element shows the Location that has been changed for the train run
source	<pre><xs:element name="LocationModified"> <xs:annotation> <xs:documentation>This element shows the Location that has been changed for the train run </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="ModificationStatusIndicator"/> <xs:element ref="TrainLocationStatus" minOccurs="0"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **LocationOfRestrictionDetection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location DateTimeOfRestriction
used by	element RollingStockRestrictionMessage
annotation	documentation Location where the restriction or defect is detected
source	<pre> <xs:element name="LocationOfRestrictionDetection"> <xs:annotation> <xs:documentation>Location where the restriction or defect is detected</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DateTimeOfRestriction"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LocationOfTransportDocuments**

diagram	LocationOfTransportDocuments Location of transport documents									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element WagonDataHERMES/Consignmentdata/ConsigneeInformation									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>5</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	5	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	5									
annotation	documentation Location of transport documents									
source	<xs:element name="LocationOfTransportDocuments"> <xs:annotation> <xs:documentation>Location of transport documents</xs:documentation> </xs:annotation> </xs:element>									

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="5"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **LocationPlannedTrack**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element ChangeOfTrackMessage
source	<code><xs:element name="LocationPlannedTrack" type="LocationIdent"/></code>

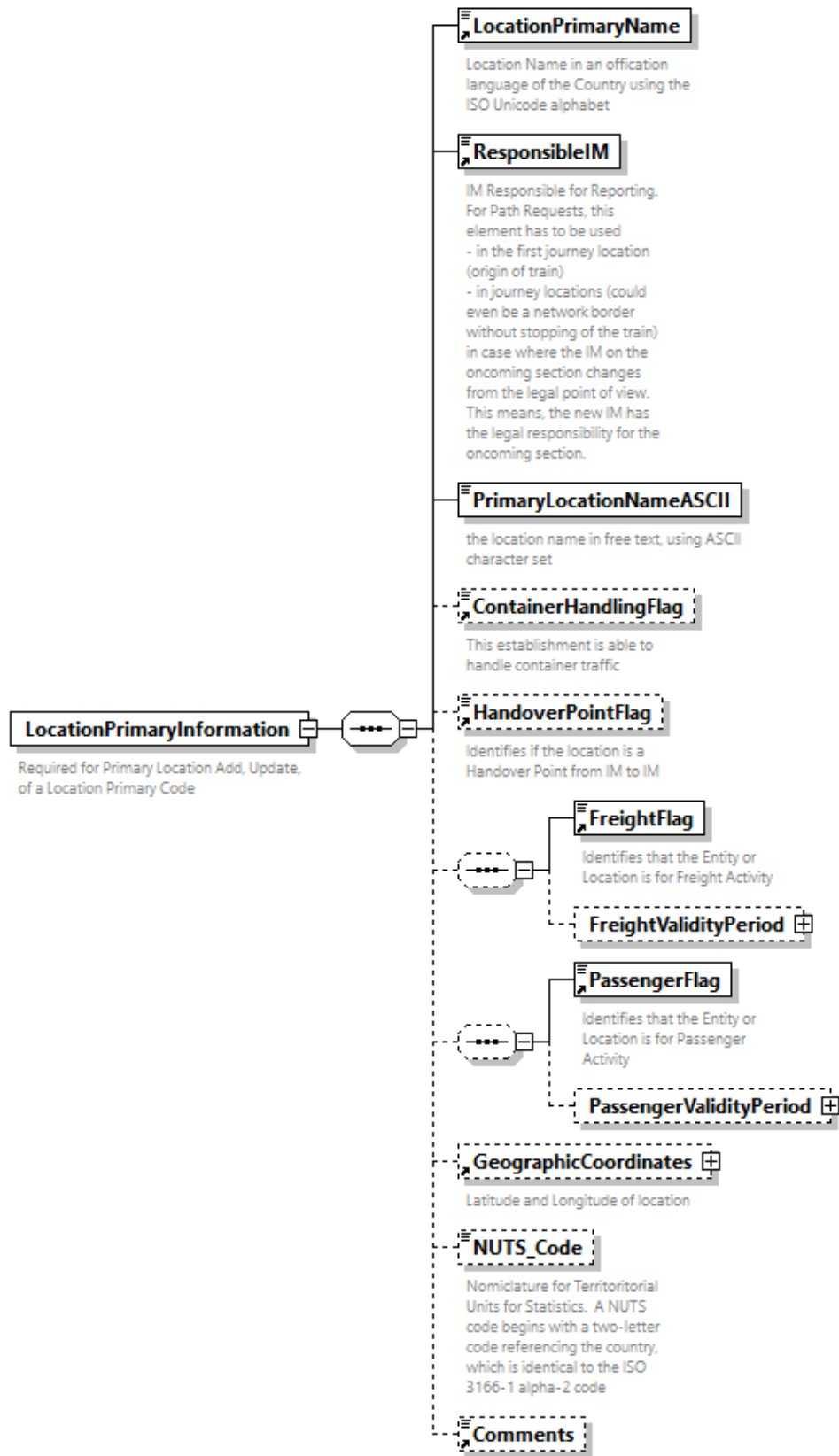
element **LocationPrimaryCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric1-5
properties	content simple
used by	elements BorderPoint ILU CommercialForwardingData/CommercialDestination CommercialDestinationOfWagon

	WagonDataHERMES/Consignmentdata/CommercialForwardingData ILU CommercialForwardingData/CommercialOrigin CustomsClearingPoint DeliveryLocation WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation IntermediateHandling LastTrainFormationLocation LocationFileDatasetMessage OperationalDestinationOfWagon WagonDataHERMES/Consignmentdata/OperationalOriginOfWagon SpecialInterchangeLocation TrainDestination TrainOrigin LocationIdent		
	complexType		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
source	<xs:element name="LocationPrimaryCode" type="Numeric1-5"/>		

element **LocationPrimaryInformation**

diagram



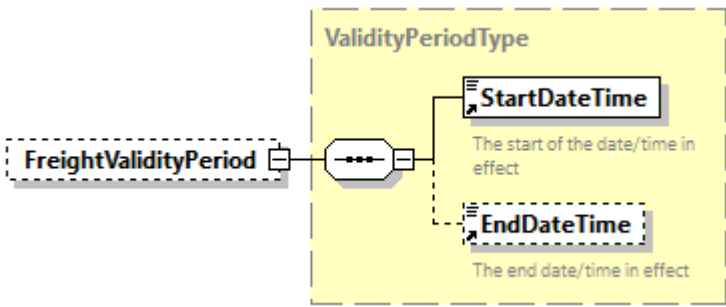
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LocationPrimaryName ResponsibleIM PrimaryLocationNameASCII ContainerHandlingFlag HandoverPointFlag FreightFlag FreightValidityPeriod PassengerFlag PassengerValidityPeriod GeographicCoordinates NUTS Code Comments
used by	element LocationFileDatasetMessage
annotation	documentation Required for Primary Location Add, Update, of a Location Primary Code
source	<pre> <xs:element name="LocationPrimaryInformation"> <xs:annotation> <xs:documentation>Required for Primary Location Add, Update, of a Location Primary Code</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationPrimaryName"/> <xs:element ref="ResponsibleIM"/> <xs:element name="PrimaryLocationNameASCII"> <xs:annotation> <xs:documentation>the location name in free text, using ASCII character set</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ContainerHandlingFlag" minOccurs="0"/> <xs:element ref="HandoverPointFlag" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="FreightFlag"/> <xs:element name="FreightValidityPeriod" type="ValidityPeriodType" minOccurs="0"/> </xs:sequence> <xs:sequence minOccurs="0"> <xs:element ref="PassengerFlag"/> <xs:element name="PassengerValidityPeriod" type="ValidityPeriodType" minOccurs="0"/> </xs:sequence> <xs:element ref="GeographicCoordinates" minOccurs="0"/> <xs:element name="NUTS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </pre>

	<pre> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Comments" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LocationPrimaryInformation/PrimaryLocationNameASCII**

diagram	PrimaryLocationNameASCII the location name in free text, using ASCII character set									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation the location name in free text, using ASCII character set									
source	<pre><xs:element name="PrimaryLocationNameASCII"> <xs:annotation> <xs:documentation>the location name in free text, using ASCII character set</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LocationPrimaryInformation/FreightValidityPeriod**

diagram	 FreightValidityPeriod is a complex type containing a ValidityPeriodType element. The ValidityPeriodType element is a sequence of two date/time elements: StartDateTime (The start of the date/time in effect) and EndTime (The end date/time in effect).

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ValidityPeriodType
properties	minOcc 0 maxOcc 1 content complex
children	StartDateTime EndDateTime
source	<pre><xs:element name="FreightValidityPeriod" type="ValidityPeriodType" minOccurs="0"/></pre>

element **LocationPrimaryInformation/PassengerValidityPeriod**

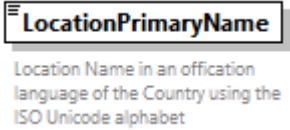
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ValidityPeriodType
properties	minOcc 0 maxOcc 1 content complex
children	StartDateTime EndDateTime
source	<pre><xs:element name="PassengerValidityPeriod" type="ValidityPeriodType" minOccurs="0"/></pre>

element **LocationPrimaryInformation/NUTS_Code**

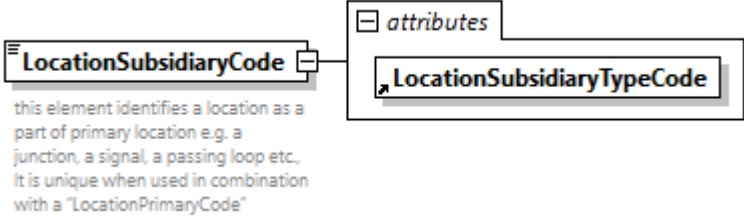
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple

facets	Kind Value Annotation minLength 1 maxLength 50
annotation	documentation Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code
source	<pre> <xs:element name="NUTS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **LocationPrimaryName**

diagram	 Location Name in an offication language of the Country using the ISO Unicode alphabet
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
used by	element LocationPrimaryInformation
annotation	documentation Location Name in an offication language of the Country using the ISO Unicode alphabet
source	<pre> <xs:element name="LocationPrimaryName"> <xs:annotation> <xs:documentation>Location Name in an offication language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element> </pre>

element **LocationSubsidiaryCode**

diagram	 this element identifies a location as a part of primary location e.g. a junction, a signal, a passing loop etc. It is unique when used in combination with a "LocationPrimaryCode"
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	extension of String1-10					
properties	content complex					
used by	elements LocationSubsidiaryIdentification LocationSubsidiaryInformation					
facets	Kind	Value	Annotation			
	minLength	1				
	maxLength	10				
attributes	Name	Type	Use	Default	Fixed	Annotation
	LocationSubsidiaryTypeCode	derived by: xs:token	required			
annotation	documentation this element identifies a location as a part of primary location e.g. a junction, a signal, a passing loop etc., It is unique when used in combination with a "LocationPrimaryCode"					
source	<pre> <xs:element name="LocationSubsidiaryCode"> <xs:annotation> <xs:documentation>this element identifies a location as a part of primary location e.g. a junction, a signal, a passing loop etc., It is unique when used in combination with a "LocationPrimaryCode"</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="String1-10"> <xs:attribute ref="LocationSubsidiaryTypeCode" use="required"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>					

element **LocationSubsidiaryIdentification**

diagram	<pre> classDiagram class LocationSubsidiaryIdentification { LocationSubsidiaryCode AllocationCompany LocationSubsidiaryName } class LocationSubsidiaryCode { <xs:extension base="String1-10"> <xs:attribute ref="LocationSubsidiaryTypeCode" use="required"/> } class AllocationCompany { Name of company who is responsible for allocation and maintenance of codes } class LocationSubsidiaryName { To be completed in an official language of the Country using the ISO Unicode alphabet } LocationSubsidiaryIdentification --> LocationSubsidiaryCode LocationSubsidiaryIdentification --> AllocationCompany LocationSubsidiaryIdentification --> LocationSubsidiaryName AllocationCompany -.- LocationSubsidiaryName </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LocationSubsidiaryCode AllocationCompany LocationSubsidiaryName

used by	complexType LocationIdent
annotation	documentation Code, Name and allocation company of Subsidiary Location
source	<pre> <xs:element name="LocationSubsidiaryIdentification"> <xs:annotation> <xs:documentation>Code, Name and allocation company of Subsidiary Location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationSubsidiaryCode"/> <xs:element ref="AllocationCompany"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LocationSubsidiaryInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LocationSubsidiaryCode LocationSubsidiaryName AllocationCompany Comments GeographicCoordinates ValidityPeriod
used by	element LocationFileDatasetMessage
annotation	documentation Required for Add, Update of a Location Subsidiary Code (modified to global element)

source	<pre> <xs:element name="LocationSubsidiaryInformation"> <xs:annotation> <xs:documentation>Required for Add, Update of a Location Subsidiary Code (modified to global element)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationSubsidiaryCode"/> <xs:element ref="LocationSubsidiaryName"/> <xs:element ref="AllocationCompany"/> <xs:element ref="Comments" minOccurs="0"/> <xs:element ref="GeographicCoordinates" minOccurs="0"/> <xs:element name="ValidityPeriod" type="ValidityPeriodType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LocationSubsidiaryInformation/ValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ValidityPeriodType
properties	content complex
children	StartDateTime EndDateTime
used by	elements LocationFileDatasetMessage PlannedCalendar ReferenceTrainIDSubCalendar RequestedCalendar complexType TCRTimeType
source	<pre> <xs:element name="ValidityPeriod" type="ValidityPeriodType"/> </pre>

element **LocationSubsidiaryName**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText

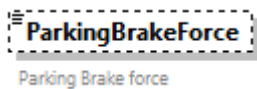
properties	content simple
used by	elements BorderPoint ILU CommercialForwardingData/CommercialDestination CommercialDestinationOfWagon WagonDataHERMES/Consignmentdata/CommercialForwardingData ILU CommercialForwardingData/CommercialOrigin CustomsClearingPoint DeliveryLocation WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation IntermediateHandling LocationSubsidiaryIdentification LocationSubsidiaryInformation OperationalDestinationOfWagon
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation To be completed in an official language of the Country using the ISO Unicode alphabet
source	<pre><xs:element name="LocationSubsidiaryName" type="FreeText"> <xs:annotation> <xs:documentation>To be completed in an official language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre>

element **LocoBrakeEquipment**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	BrakingSystemCode HandbrakeWeight ParkingBrakeForce
used by	element LocoIdent
annotation	documentation Technical loco data
source	<pre><xs:element name="LocoBrakeEquipment"> <xs:annotation> <xs:documentation>Technical loco data</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BrakingSystemCode" minOccurs="0"/> <xs:element ref="HandbrakeWeight" minOccurs="0"/> <xs:element name="ParkingBrakeForce" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> <xs:annotation> <xs:documentation>Parking Brake force</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LocoBrakeEquipment/ParkingBrakeForce**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	minOcc 0 maxOcc 1 content simple									
used by	elements Handbrake WagonTechData									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation Parking Brake force									
source	<pre><xs:element name="ParkingBrakeForce" minOccurs="0"> <xs:annotation> <xs:documentation>Parking Brake force</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LocoIdent**

diagram

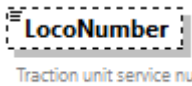
LocoIdent
Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train

TractionType	Identifies the type of a locomotive. First digit: "0" = not specified "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) "2" = on-board traction power supply for traction without external electrical or other power supply available "3" = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and R&S TS1 1302/2014): "0" = not specified "1" = locomotive or power unit "2" = trainset or multiple unit or railcar "3" = shunter "4" = on track machine or infrastructure inspection vehicle
TypeOfUsedHybridPowerunit	Information about the type of power unit in case of using a hybrid locomotive
LocoTypeNumber	Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive
LocoNumber	Traction unit service number(s)
TractionMode	Identifies the mode of deployment of a traction within a train First digit – traction role Second digit – position in group of traction units with the same role
RegenerativeBrake	Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source
DriverIndication	0 – no driver present in Loco, 1 – driver(s) is /are present in Loco
TractionPositionInTrain	Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.
NumberOfAxesOfTractionUnit	Number of axes of traction unit
LocoLength	Length of traction unit
LocoWeight	Weight of traction unit
ActualUsedBrakingSystem	Used braking system
ActualBrakeWeight	Effective braked weight
LocoBrakeEquipment	Technical loco data
TrainCC_System	Control command system 0..99
TrainRadioSystem	Radio system 0..99
CouplingType	Type of coupling
Driver	Driver 0..6
NetworkSpecificParameter	The usage of this element must be specified in national rules and has to be defined by each IM. 0..∞

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TractionType TypeOfUsedHybridPowerunit LocoTypeNumber LocoNumber TractionMode RegenerativeBrake DriverIndication TractionPositionInTrain NumberOfAxelsOfTractionUnit LocoLength LocoWeight ActualUsedBrakingSystem ActualBrakeWeight LocoBrakeEquipment TrainCC System TrainRadioSystem CouplingType Driver NetworkSpecificParameter
used by	element TrainCompositionHermesCompatibleMessage
annotation	documentation Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train
source	<pre> <xs:element name="LocoIdent"> <xs:annotation> <xs:documentation>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TractionType"/> <xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/> <xs:element ref="LocoTypeNumber" minOccurs="0"/> <xs:element name="LocoNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Traction unit service number(s)</xs:documentation> <xs:documentation>Nummer(n) des (der) Triebfahrzeuge(s)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="12"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TractionMode" minOccurs="0"/> <xs:element ref="RegenerativeBrake" minOccurs="0"/> <xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TractionPositionInTrain" minOccurs="0"/> <xs:element ref="NumberOfAxelsOfTractionUnit" minOccurs="0"/> <xs:element ref="LocoLength" minOccurs="0"/> <xs:element ref="LocoWeight" minOccurs="0"/> <xs:element ref="ActualUsedBrakingSystem" minOccurs="0"/> <xs:element ref="ActualBrakeWeight" minOccurs="0"/> </pre>

	<pre> <xs:element ref="LocoBrakeEquipment" minOccurs="0"/> <xs:element name="TrainCC_System" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Control command system</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TrainRadioSystem" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Radio system</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CouplingType"> <xs:annotation> <xs:documentation>Type of coupling</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Driver" minOccurs="0" maxOccurs="6"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LocoIdent/LocoNumber**

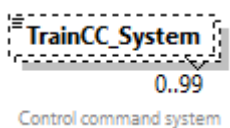
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple

used by	element TrainCompositionJourneySection/LocIdent						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>totalDigits</td><td>12</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	12	
Kind	Value	Annotation					
totalDigits	12						
annotation	documentation Traction unit service number(s) documentation Nummer(n) des (der) Triebfahrzeuge(s)						
source	<pre><xs:element name="LocoNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Traction unit service number(s)</xs:documentation> <xs:documentation>Nummer(n) des (der) Triebfahrzeuge(s)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="12"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

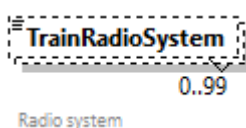
element **LocIdent/DriverIndication**

diagram	DriverIndication 0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
used by	element UnitData
facets	Kind Value Annotation enumeration 0 enumeration 1
annotation	documentation 0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco
source	<pre><xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **LocIdent/TrainCC_System**

diagram	 The diagram shows a dashed box containing the text "TrainCC_System". Below the box is the cardinality "0..99" and the text "Control command system".									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>99</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	99	content	simple			
minOcc	0									
maxOcc	99									
content	simple									
used by	elements PassengerTrainData PlannedTrainTechnicalData TrainRunningTechData									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
annotation	documentation Control command system									
source	<pre><xs:element name="TrainCC_System" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Control command system</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LocIdent/TrainRadioSystem**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	minOcc 0 maxOcc 99 content simple									
used by	elements PassengerTrainData PlannedTrainTechnicalData TrainRunningTechData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									

annotation	documentation Radio system
source	<pre> <xs:element name="TrainRadioSystem" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Radio system</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **LocoIdent/CouplingType**

diagram	CouplingType Type of coupling									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet RollingStockTechnicalData UnitTechnicalData WagonTechData WagonDataHERMES/WagonTechDataHERMES									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99									
annotation	documentation Type of coupling									
source	<pre><xs:element name="CouplingType"> <xs:annotation> <xs:documentation>Type of coupling</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LocoLength**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:integer		
properties	content	simple	
used by	element	LocoIdent	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
annotation	documentation Length of traction unit		
source	<pre><xs:element name="LocoLength"> <xs:annotation> <xs:documentation>Length of traction unit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **LocoNumber**

diagram	LocoNumber Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element TrainCompositionJourneySection/LocIdent									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>12</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	12	
Kind	Value	Annotation								
minLength	4									
maxLength	12									
annotation	documentation Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.									
source	<pre><xs:element name="LocoNumber"> <xs:annotation> <xs:documentation>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</xs:documentation> </xs:annotation> <xs:simpleType></pre>									

	<pre> <xs:restriction base="xs:string"> <xs:maxLength value="12"/> <xs:minLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **LocoTypeNumber**

diagram	TypeCode1 Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756 TypeCode2 Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756 CountryCode Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756 SeriesNumber 4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode SerialNumber Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country. ControlDigit 1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TypeCode1 TypeCode2 CountryCode SeriesNumber SerialNumber ControlDigit
used by	elements LocoIdent TrainCompositionJourneySection/LocIdent TractionDetails UnitIdentification
annotation	documentation Composite identifier for the loco types and locomotives. First four elements identify the series of the loco,

	rest can identify the exact individual locomotive
source	<pre> <xs:element name="LocoTypeNumber"> <xs:annotation> <xs:documentation>Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="TypeCode1"> <xs:annotation> <xs:documentation>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[9]"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TypeCode2"> <xs:annotation> <xs:documentation>Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <!--In PCS the following types are differentiated: Eletric, Diesel, Steam, Hybrid:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[0-9]"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CountryCode"> <xs:annotation> <xs:documentation>Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="2"/> <xs:pattern value="[0-9]{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SeriesNumber"> </pre>

```

<xs:annotation>
  <xs:documentation>4 digits representing the type according to the country
rules and based on the national vehicle register of the country indicated with the
CountryCode</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="4"/>
    <xs:whiteSpace value="replace"/>
    <xs:maxLength value="4"/>
    <xs:pattern value="[0-9]{4}"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="SerialNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Three digits representing the serial number of the
traction of the series. Optionally used in Planning to identify the subseries.
Composite identifier should be unique with the series number within a
country.</xs:documentation>
  </xs:annotation>
  <!--Not necessary for Planning. Composite identifier should be unique with
the series number inside one country:-->
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="3"/>
      <xs:whiteSpace value="replace"/>
      <xs:maxLength value="3"/>
      <xs:pattern value="[0-9]{3}"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ControlDigit" minOccurs="0">
  <xs:annotation>
    <xs:documentation>1 control digit as usual at the end of the 12 digit UIC
identifier. Not used in Planning</xs:documentation>
  </xs:annotation>
  <!--Not necessary for Planning. Composite identifier should be unique with
the series number inside one country:-->
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:whiteSpace value="replace"/>
      <xs:maxLength value="1"/>
      <xs:pattern value="[0-9]"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **LocoTypeNumber/TypeCode1**

diagram	TypeCode1 Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>1</td><td></td></tr><tr><td>whiteSpace</td><td>replace</td><td></td></tr><tr><td>pattern</td><td>[9]</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	1		whiteSpace	replace		pattern	[9]	
Kind	Value	Annotation														
minLength	1															
maxLength	1															
whiteSpace	replace															
pattern	[9]															
annotation	documentation Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756															
source	<pre><xs:element name="TypeCode1"> <xs:annotation> <xs:documentation>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[9]"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element **LocoTypeNumber/TypeCode2**

diagram	TypeCode2 Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	1	
	whiteSpace	replace	
	pattern	[0-9]	

annotation	documentation Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756
source	<pre> <xs:element name="TypeCode2"> <xs:annotation> <xs:documentation>Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <!--In PCS the following types are differentiated: Eletric, Diesel, Steam, Hybrid:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[0-9]"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **LocoTypeNumber/CountryCode**

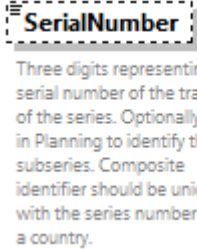
diagram	CountryCode Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr><tr><td>whiteSpace</td><td>replace</td><td></td></tr><tr><td>pattern</td><td>[0-9]{2}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	2		whiteSpace	replace		pattern	[0-9]{2}	
Kind	Value	Annotation														
minLength	2															
maxLength	2															
whiteSpace	replace															
pattern	[0-9]{2}															
annotation	documentation Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756															
source	<pre><xs:element name="CountryCode"> <xs:annotation> <xs:documentation>Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="2"/> <xs:pattern value="[0-9]{2}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

	</xs:element>

element **LocoTypeNumber/SeriesNumber**

diagram	SeriesNumber 4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>whiteSpace</td><td>replace</td><td></td></tr><tr><td>pattern</td><td>[0-9]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		whiteSpace	replace		pattern	[0-9]{4}	
Kind	Value	Annotation														
minLength	4															
maxLength	4															
whiteSpace	replace															
pattern	[0-9]{4}															
annotation	documentation 4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode															
source	<pre><xs:element name="SeriesNumber"> <xs:annotation> <xs:documentation>4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="4"/> <xs:pattern value="[0-9]{4}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element **LocoTypeNumber/SerialNumber**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 3 maxLength 3 whiteSpace replace pattern [0-9]{3}
annotation	documentation Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.
source	<pre> <xs:element name="SerialNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.</xs:documentation> </xs:annotation> <!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="3"/> <xs:pattern value="[0-9]{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **LocoTypeNumber/ControlDigit**

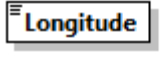
diagram	 1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 1 whiteSpace replace

	pattern [0-9]
annotation	documentation 1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning
source	<pre> <xs:element name="ControlDigit" minOccurs="0"> <xs:annotation> <xs:documentation>1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning</xs:documentation> </xs:annotation> <!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[0-9]"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **LocoWeight**

diagram	LocoWeight Weight of traction unit									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element LocoIdent									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999999									
annotation	documentation Weight of traction unit									
source	<pre><xs:element name="LocoWeight"> <xs:annotation> <xs:documentation>Weight of traction unit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Longitude**

diagram	 Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:float
properties	content simple
used by	element GeographicCoordinates
annotation	documentation Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.
source	<pre><xs:element name="Longitude" type="xs:float"> <xs:annotation> <xs:documentation>Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</xs:documentation> </xs:annotation> </xs:element></pre>

element **MassValues**

diagram	MassValues Value of characteristic masses									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Value of characteristic masses									
source	<pre><xs:element name="MassValues"> <xs:annotation> <xs:documentation>Value of characteristic masses</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MaxAxleWeight**

diagram	MaxAxleWeight Indicates the maximum design axle weight (to).									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet PassengerTrainData PlannedTrainTechnicalData TrainRunningTechData TrainTechData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0.1</td><td></td></tr><tr><td>maxInclusive</td><td>99.9</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0.1		maxInclusive	99.9	
Kind	Value	Annotation								
minInclusive	0.1									
maxInclusive	99.9									
annotation	documentation Indicates the maximum design axle weight (to).									
source	<pre><xs:element name="MaxAxleWeight"> <xs:annotation> <xs:documentation>Indicates the maximum design axle weight (to).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0.1"/> <xs:maxInclusive value="99.9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MaxDesignSpeed**

diagram	MaxDesignSpeed Maximum approved speed of the wagon (km/h)									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Maximum approved speed of the wagon (km/h)									
source	<xs:element name="MaxDesignSpeed"> <xs:annotation> <xs:documentation>Maximum approved speed of the wagon									

	<pre> (km/h)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **MaxGrossWeight**

diagram	

element **MaxLengthOfLoad**

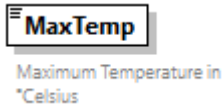
diagram	MaxLengthOfLoad Measured in mm						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:integer						
properties	content simple						
used by	element RollingStockDataset/DesignDataSet						
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1	
Kind	Value	Annotation					
minInclusive	1						

	maxInclusive 999999
annotation	documentation Measured in mm
source	<pre> <xs:element name="MaxLengthOfLoad"> <xs:annotation> <xs:documentation>Measured in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **MaxSpeedTypeSpecific**

diagram	MaxSpeedTypeSpecific Maximum speed, depending on design characteristics						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:short						
properties	content simple						
used by	element WagonDataHERMES/WagonTechDataHERMES						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>3</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	3	
Kind	Value	Annotation					
totalDigits	3						
annotation	documentation Maximum speed, depending on design characteristics						
source	<pre><xs:element name="MaxSpeedTypeSpecific"> <xs:annotation> <xs:documentation>Maximum speed, depending on design characteristics</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:totalDigits value="3"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **MaxTemp**

diagram	

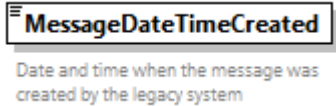
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:int		
properties	content	simple	
used by	element	RollingStockDataset/DesignDataSet/TemperatureRange	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	99	
annotation	documentation Maximum Temperature in °Celsius		
source	<pre><xs:element name="MaxTemp"> <xs:annotation> <xs:documentation>Maximum Temperature in °Celsius</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **Measure**

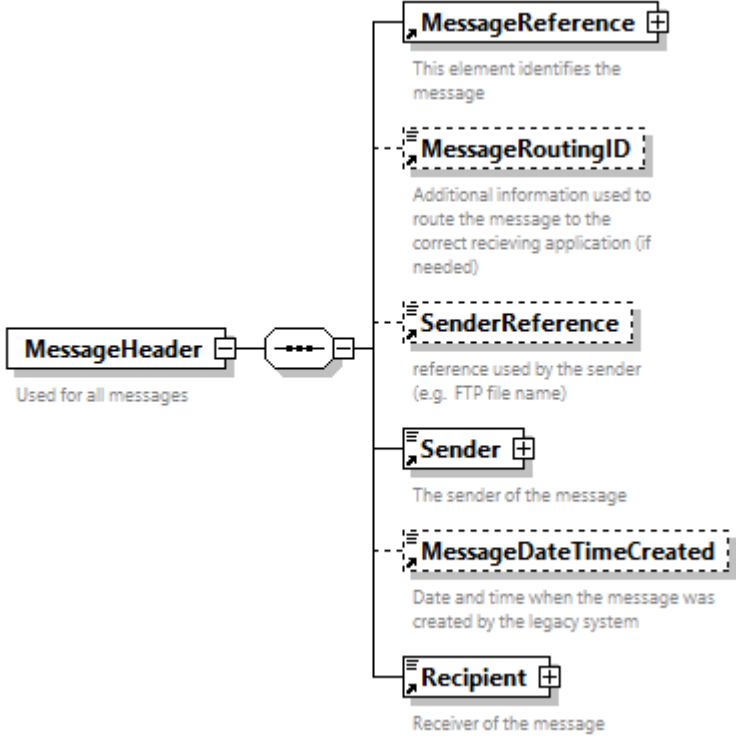
diagram	Measure Measure used, either ft or mm									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	content simple									
used by	elements Height Length Width									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>ft</td><td></td></tr><tr><td>enumeration</td><td>mm</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	ft		enumeration	mm	
Kind	Value	Annotation								
enumeration	ft									
enumeration	mm									
annotation	documentation Measure used, either ft or mm									
source	<pre><xs:element name="Measure"> <xs:annotation> <xs:documentation>Measure used, either ft or mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="ft"/> <xs:enumeration value="mm"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<code></xs:element></code>

element **MessageDateTimeCreated**

diagram	 MessageDateTimeCreated Date and time when the message was created by the legacy system
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element MessageHeader
annotation	documentation Date and time when the message was created by the legacy system
source	<pre><xs:element name="MessageDateTimeCreated" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and time when the message was created by the legacy system</xs:documentation> </xs:annotation> </xs:element></pre>

element **MessageHeader**

diagram	 MessageHeader Used for all messages MessageReference This element identifies the message MessageRoutingID Additional information used to route the message to the correct receiving application (if needed) SenderReference reference used by the sender (e.g. FTP file name) Sender The sender of the message MessageDateTimeCreated Date and time when the message was created by the legacy system Recipient Receiver of the message
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	MessageReference MessageRoutingID SenderReference Sender MessageDateTimeCreated Recipient
used by	elements AlertMessage CapacityModelMessage CapacityProductMessage CapacityProductSearchMessage ChangeOfTrackMessage ConsignmentOrderMessage ErrorMessage ILUDataMessage ILUDataQueryMessage LocationFileDatasetMessage ObjectInfoMessage PassengerTrainCompositionMessage PathCanceledMessage PathConfirmedMessage PathCoordinationMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PathSectionNotificationMessage ReceiptConfirmationMessage RollingStockDatasetMessage RollingStockDatasetQueryMessage RollingStockRestrictionMessage RunningStatusReportMessage TCRCanceledMessage TCRMessage TCRResponseMessage TrainCompositionHermesCompatibleMessage TrainCompositionMessage TrainDelayCauseMessage TrainForecastAtReportingLocationMessage TrainForecastedDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage UpdateLinkMessage WagonETI ETA Message WagonInterchangeNoticeMessage WagonInterchangeSubNoticeMessage WagonPerformanceMessage WagonReceivedAtInterchangeMessage WagonRefusedAtInterchangeMessage WagonStatusMessages
annotation	documentation Used for all messages
source	<pre> <xs:element name="MessageHeader"> <xs:annotation> <xs:documentation>Used for all messages</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageReference"/> <xs:element ref="MessageRoutingID" minOccurs="0"/> <xs:element ref="SenderReference" minOccurs="0"/> <xs:element ref="Sender"/> <xs:element ref="MessageDateTimeCreated" minOccurs="0"/> <xs:element ref="Recipient"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessageIdentifier**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	content simple
used by	element MessageReference

facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	<table><tr><td>documentation</td></tr><tr><td>Identification of the Message</td></tr></table>	documentation	Identification of the Message							
documentation										
Identification of the Message										
source	<pre><xs:element name="MessageIdentifier" type="FreeText"> <xs:annotation> <xs:documentation>Identification of the Message</xs:documentation> </xs:annotation> </xs:element></pre>									

element **MessageReference**

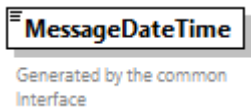
diagram

MessageReference
This element identifies the message

Message Type
To indicate the message type transmitted or referred to. The following list was agreed within the sector.
1000
ConsignmentOrderMessage
2001
PathCancelledMessage
2002
PathConfirmedMessage
2003 PathDetailMessage
2004
PathDetailsRefusedMessage
2005
PathNotAvailableMessage
2006
PathRequestMessage
2007
ReceiptConfirmationMessage
-- sector messages (Planning) --
2500
PathCoordinationMessage
2501
PathSectionNotificationMessage
-- sector message end --
-- sector messages (Capacity Planning) --
2600
CapacityModelMessage
2601
CapacityProductSearchMessage
2602
CapacityProductMessage
-- sector message end --
3003
TrainCompositionMessage
3006 TrainReadyMessage
4001
TrainDelayCauseMessage
4003
TrainForecastAReportingLocat
4004
TrainRunningForecastMessage
4005
TrainRunningInformationMess
4006
TrainRunningInterruptionMess
4500
PassengerTrainCompositionM
-- sector message (Operations) --
4501
RollingStockRestrictionMessage
4503
TrainCompositionHermesCom
4504
ChangeOfTrackMessage
4505
TrainJourneyModificationMess
4506
TrainForecastedDelayCauseM
4510
RunningStatusReportMessage
-- sector message end --
5001 AlertMessage
5006
WagonETL_ETAMessage
-- sector message (Wagon interchange) --
5009
WagonInterchangeNoticeMess
5012
WagonReceivedAtInterchange
5013
WagonRefusedAtInterchange
-- sector message end --
5020
WagonStatusMessage
6002
LocationFileDatasetMessage
6003
RollingStockDatasetMessage
6005
ILUQueryMessage
6006 ILUDataMessage
--sector (RU-RU) ---
5500
WagonPerformanceMessage
-- sector end ---
6004
RollingStockDatasetQueryMes
-- Sector Messages TCR begin --
6500 TCRMessage
6501
TCRResponseMessage
6502
TCRCancelledMessage
--Sector Messages TCR end --
-- sector (TrainID) begin --
8500 UpstartInfoMessage
8501 ObjectInfoMessage
-- sector end --
9000
ErrorMessage
--Reserved: (IM-RU for SFERA) ---
SP00 to SP99 for SFERA messages (see RS92640)
--Reserved end--
Message Type Version
Version of the Message Type
Message Identifier
Identification of the Message
Message Date Time
Generated by the common interface

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageType MessageTypeVersion MessageIdentifier MessageDateTime
used by	elements ErrorMessage/ErrorMessageCauseReference MessageHeader
annotation	documentation This element identifies the message
source	<pre> <xs:element name="MessageReference"> <xs:annotation> <xs:documentation>This element identifies the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageType"/> <xs:element ref="MessageTypeVersion"/> <xs:element ref="MessageIdentifier"/> <xs:element name="MessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Generated by the common Interface</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessageReference/MessageDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Generated by the common Interface
source	<pre> <xs:element name="MessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Generated by the common Interface</xs:documentation> </xs:annotation> </xs:element> </pre>

element **MessageRoutingID**

diagram	≡ MessageRoutingID Additional information used to route the message to the correct receiving application (if needed)									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric2-2									
properties	content simple									
used by	element MessageHeader									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>01</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Additional information used to route the message to the correct receiving application (if needed)									
source	<pre><xs:element name="MessageRoutingID" type="Numeric2-2"> <xs:annotation> <xs:documentation>Additional information used to route the message to the correct receiving application (if needed)</xs:documentation> </xs:annotation> </xs:element></pre>									

element **MessageStatus**

diagram	≡ MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	content simple									
used by	elements ChangeOfTrackMessage ErrorMessage LocationFileDatasetMessage ObjectInfoMessage PassengerTrainCompositionMessage PathCanceledMessage PathConfirmedMessage PathCoordinationMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PathSectionNotificationMessage RollingStockRestrictionMessage RunningStatusReportMessage TrainCompositionHermesCompatibleMessage TrainCompositionMessage TrainDelayCauseMessage TrainForecastAtReportingLocationMessage TrainForecastedDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage UpdateLinkMessage									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>1</td><td>documentation creation</td></tr><tr><td>enumeration</td><td>2</td><td>documentation</td></tr></table>	Kind	Value	Annotation	enumeration	1	documentation creation	enumeration	2	documentation
Kind	Value	Annotation								
enumeration	1	documentation creation								
enumeration	2	documentation								

	enumeration 3 modification documentation deletion
annotation	documentation Assigned by the Sender 1=creation, 2=modification, 3=deletion
source	<pre> <xs:element name="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=creation, 2=modification, 3=deletion</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>creation</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>modification</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>deletion</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **MessageType**

diagram

Message Type

To indicate the message type transmitted or referred to. The following list was agreed within the sector:

1000
ConsignmentOrderMessage

2001
PathCanceledMessage
2002
PathConfirmedMessage
2003 PathDetailMessage
2004
PathDetailRefusedMessage
2005
PathNotAvailableMessage
2006
PathRequestMessage
2007
ReceiptConfirmationMessage

-- sector messages (Planning)

--
2500
PathCoordinationMessage
2501
PathSectionNotificationMessage

-- sector message end --

-- sector messages (Capacity

Planning)
2600
CapacityModelMessage
2601
CapacityProductSearchMessage

2602
CapacityProductMessage
-- sector message end --

3003
TrainCompositionMessage
3006 TrainReadyMessage
4001
TrainDelayCauseMessage
4003
TrainForecastAtReportingLocation

4004
TrainRunningForecastMessage
4005
TrainRunningInformationMessage

4006
TrainRunningInterruptionMessage

4500
PassengerTrainCompositionMessage

-- sector message

(Operations) --

4501
RollingStockRestrictionMessage

4503
TrainCompositionHermesCommunication

4504
ChangeOfTrackMessage

4505
TrainJourneyModificationMessage

4506
TrainForecastDelayCauseMessage

4510
RunningStatusReportMessage

-- sector message end --

5001 AlertMessage

5006
WagonETL_ETAMessage

-- sector message (Wagon

interchange) --

5009
WagonInterchangeNotificationMessage

5012
WagonReceivedAtInterchange

5013
WagonRefusedAtInterchange

-- sector message end --

5020
WagonStatusMessage

6002
LocationFileDatasetMessage

6003
RollingStockDatasetMessage

6005
ILUDataQueryMessage

6006 ILUDataMessage

--sector (RU-RU)---

5900
WagonPerformanceMessage

-- sector end---

6004
RollingStockDatasetQueryMessage

-- Sector Messages TCR begin

--

6500 TCRMessage

6501
TCRResponseMessage

6502
TCRCanceledMessage

-- Sector Messages TCR end

--

-- sector (TrainID) begin --

8500 UpdateLinkMessage

8501 ObjectInfoMessage

-- sector end --

9000 ErrorMessage

--Reserved: (IM-RU for

SFERA) ---

SF00 to SF99 for SFERA

messages (see IRS90940)

-- Reserved end --

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content	simple	
used by	element	MessageReference	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
annotation	documentation To indicate the message type transmitted or referred to. The following list was agreed within the sector: 1000 ConsignmentOrderMessage 2001 PathCanceledMessage 2002 PathConfirmedMessage 2003 PathDetailsMessage 2004 PathDetailsRefusedMessage 2005 PathNotAvailableMessage 2006 PathRequestMessage 2007 ReceiptConfirmationMessage -- sector messages (Planning) -- 2500 PathCoordinationMessage 2501 PathSectionNotificationMessage -- sector message end -- -- sector messages (Capacity Planning) 2600 CapacityModelMessage 2601 CapacityProductSearchMessage 2602 CapacityProductMessage -- sector message end -- 3003 TrainCompositionMessage 3006 TrainReadyMessage 4001 TrainDelayCauseMessage 4003 TrainForecastAtReportingLocationMessage 4004 TrainRunningForecastMessage 4005 TrainRunningInformationMessage 4006 TrainRunningInterruptionMessage 4500 PassengerTrainCompositionMessage -- sector message (Operations) -- 4501 RollingStockRestrictionMessage 4503 TrainCompositionHermesCompatibleMessage 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage 4506 TrainForecastedDelayCauseMessage 4510 RunningStatusReportMessage -- sector message end -- 5001 AlertMessage		

	5006 WagonETI_ETA_Message -- sector message (Wagon interchange) -- 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage -- sector message end -- 5020 WagonStatusMessage 6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage 6005 ILUDataQueryMessage 6006 ILUDataMessage --sector (RU-RU) --- 5500 WagonPerformanceMessage -- sector end--- 6004 RollingStockDatasetQueryMessage -- Sector Messages TCR begin -- 6500 TCRMessage 6501 TCRResponseMessage 6502 TCRCanceledMessage -- Sector Messages TCR end -- -- sector (TrainID) begin -- 8500 UpateLinkMessage 8501 ObjectInfoMessage -- sector end -- 9000 ErrorMessage --Reserved: (IM-RU for SFERA) --- SF00 to SF99 for SFERA messages (see IRS90940) – Reserved end –
source	<xs:element name="MessageType"> <xs:annotation> <xs:documentation>To indicate the message type transmitted or referred to. The following list was agreed within the sector: 1000 ConsignmentOrderMessage 2001 PathCanceledMessage 2002 PathConfirmedMessage 2003 PathDetailsMessage 2004 PathDetailsRefusedMessage 2005 PathNotAvailableMessage 2006 PathRequestMessage 2007 ReceiptConfirmationMessage

```

-- sector messages (Planning) --
2500      PathCoordinationMessage
2501      PathSectionNotificationMessage
-- sector message end --

-- sector messages (Capacity Planning)
2600      CapacityModelMessage
2601      CapacityProductSearchMessage
2602      CapacityProductMessage
-- sector message end --

3003      TrainCompositionMessage
3006      TrainReadyMessage
4001      TrainDelayCauseMessage
4003      TrainForecastAtReportingLocationMessage
4004      TrainRunningForecastMessage
4005      TrainRunningInformationMessage
4006      TrainRunningInterruptionMessage
4500      PassengerTrainCompositionMessage

-- sector message (Operations) --
4501      RollingStockRestrictionMessage
4503      TrainCompositionHermesCompatibleMessage
4504      ChangeOfTrackMessage
4505      TrainJourneyModificationMessage
4506      TrainForecastedDelayCauseMessage
4510      RunningStatusReportMessage
-- sector message end --

5001      AlertMessage
5006      WagonETI_ETA_Message

-- sector message (Wagon interchange) --
5009      WagonInterchangeNoticeMessage
5012      WagonReceivedAtInterchangeMessage
5013      WagonRefusedAtInterchangeMessage
-- sector message end --

5020      WagonStatusMessage

6002      LocationFileDatasetMessage
6003      RollingStockDatasetMessage
6005      ILUDataQueryMessage
6006      ILUDataMessage

--sector (RU-RU) ---
5500      WagonPerformanceMessage
-- sector end---

6004      RollingStockDatasetQueryMessage

-- Sector Messages TCR begin --

```

	<pre> 6500 TCRMessage 6501 TCRResponseMessage 6502 TCRCanceledMessage -- Sector Messages TCR end -- -- sector (TrainID) begin -- 8500 UpateLinkMessage 8501 ObjectInfoMessage -- sector end -- 9000 ErrorMessage --Reserved: (IM-RU for SFERA) --- SF00 to SF99 for SFERA messages (see IRS90940) - Reserved end - </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **MessageTypeVersion**

diagram	MessageTypeVersion Version of the Message Type						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
used by	element MessageReference						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>25</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	25	
Kind	Value	Annotation					
maxLength	25						
annotation	documentation Version of the Message Type						
source	<pre><xs:element name="MessageTypeVersion"> <xs:annotation> <xs:documentation>Version of the Message Type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **MinBrakedWeightPercent**

diagram	≡ MinBrakedWeightPercent Minimum percentage of braking claimed by IM for safety reasons.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Minimum percentage of braking claimed by IM for safety reasons.									
source	<pre><xs:element name="MinBrakedWeightPercent"> <xs:annotation> <xs:documentation>Minimum percentage of braking claimed by IM for safety reasons.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MinCurveRadius**

diagram	≡ MinCurveRadius Measured in Metres									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Measured in Metres									
source	<xs:element name="MinCurveRadius">									

	<pre> <xs:annotation> <xs:documentation>Measured in Metres</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **MinimumCurveRadius**

diagram	☰ MinimumCurveRadius Minimum radius curve that can be traversed									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element WagonDataHERMES/WagonTechDataHERMES									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Minimum radius curve that can be traversed									
source	<pre><xs:element name="MinimumCurveRadius"> <xs:annotation> <xs:documentation>Minimum radius curve that can be traversed</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MinimumVerticalRadiusAtYardHumps**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short

properties	content	simple
used by	element	WagonDataHERMES/WagonTechDataHERMES
facets	Kind	Value Annotation
	minInclusive	1
	maxInclusive	9999
annotation	documentation	Minimum vertical radius of yard humps that can be traversed
source	<pre><xs:element name="MinimumVerticalRadiusAtYardHumps"> <xs:annotation> <xs:documentation>Minimum vertical radius of yard humps that can be traversed</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>	

element **MinTemp**

diagram	☰ MinTemp Minimum temperature in ° Celsius									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet/TemperatureRange									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>-99</td><td></td></tr><tr><td>maxInclusive</td><td>0</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	-99		maxInclusive	0	
Kind	Value	Annotation								
minInclusive	-99									
maxInclusive	0									
annotation	documentation Minimum temperature in ° Celsius									
source	<pre><xs:element name="MinTemp"> <xs:annotation> <xs:documentation>Minimum temperature in ° Celsius</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="-99"/> <xs:maxInclusive value="0"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MinVerticalRadiusYardHump**

diagram	≡ MinVerticalRadiusYardHump Minimum allowed vertical radius over yard humps. Measured in meters.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Minimum allowed vertical radius over yard humps. Measured in meters.									
source	<pre><xs:element name="MinVerticalRadiusYardHump"> <xs:annotation> <xs:documentation>Minimum allowed vertical radius over yard humps. Measured in meters.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ModificationReason**

diagram	☰ ModificationReason Identifies the reason for the train journey being modified															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	DelayCode															
properties	content simple															
used by	element TrainJourneyModificationMessage															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>11</td><td>documentation Formation of trains if managed by infrastructure manager</td></tr><tr><td>enumeration</td><td>10</td><td>documentation Timetable compilation</td></tr><tr><td>enumeration</td><td>12</td><td>documentation Mistakes in operational procedures</td></tr><tr><td>enumeration</td><td>13</td><td>documentation</td></tr></tbody></table>	Kind	Value	Annotation	enumeration	11	documentation Formation of trains if managed by infrastructure manager	enumeration	10	documentation Timetable compilation	enumeration	12	documentation Mistakes in operational procedures	enumeration	13	documentation
Kind	Value	Annotation														
enumeration	11	documentation Formation of trains if managed by infrastructure manager														
enumeration	10	documentation Timetable compilation														
enumeration	12	documentation Mistakes in operational procedures														
enumeration	13	documentation														

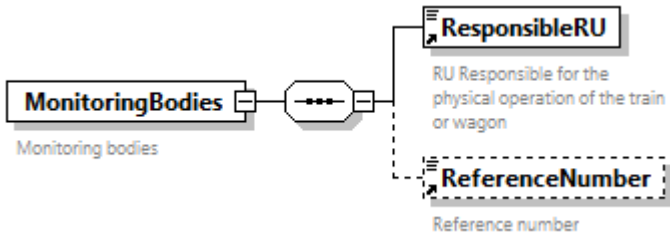
		Wrong application of priority rules
enumeration	14	
enumeration	18	documentation Staff
enumeration	19	documentation Other causes related to the operational planning and management
enumeration	20	documentation Signalling installations
enumeration	21	documentation Signalling installations at level crossings
enumeration	22	documentation Telecommunication installations
enumeration	23	documentation Power supply equipment
enumeration	24	documentation Track
enumeration	25	documentation Structures
enumeration	28	documentation Staff
enumeration	29	documentation Other causes related to infrastructure installations
enumeration	31	documentation Irregularities in execution of construction work
enumeration	30	documentation Planned construction work
enumeration	32	documentation Speed restrictions due to defective track
enumeration	39	documentation Other causes related to Civil engineering
enumeration	40	documentation Delay caused by next IM
enumeration	41	documentation Delay caused by previous IM
enumeration	50	documentation exceeding the stop time
enumeration	51	documentation Request of the RU
enumeration	52	documentation Loading operations
enumeration	53	documentation Loading irregularities
enumeration	54	documentation Commercial preparation of the train
enumeration	58	documentation Staff
enumeration	59	documentation Other causes related to commercial causes
enumeration	60	documentation Roster planning/re-rostering
enumeration	61	documentation Formation of trains by the RU
enumeration	62	documentation

	enumeration 63 documentation Problems affecting coaches enumeration 64 documentation Problems affecting wagons enumeration 68 documentation Problems affecting traction units enumeration 69 documentation Staff enumeration 70 documentation Other causes related to Rolling Stock enumeration 71 documentation Delay caused by next RU enumeration 80 documentation Delay caused by previous RU enumeration 81 documentation Strike enumeration 82 documentation Administrative formalites enumeration 83 documentation Outside influence enumeration 84 documentation Effects of weather and natural causes enumeration 89 documentation Delay caused by external reasons on the next network enumeration 90 documentation Other external causes enumeration 91 documentation Dangerous incidents, accidents and hazards enumeration 92 documentation Track occupation caused by the lateness of the same train enumeration 93 documentation Track occupation caused by the lateness of another train enumeration 94 documentation Turn round enumeration 95 documentation Connection Further investigation needed
annotation	documentation Identifiies the reason for the train journey being modified
source	<pre><xs:element name="ModificationReason" type="DelayCode"> <xs:annotation> <xs:documentation>Identifiies the reason for the train journey being modified</xs:documentation> </xs:annotation> </xs:element></pre>

element **ModificationStatusIndicator**

diagram	ModificationStatusIndicator This elemnt shows if the location has been added or deleted in the modified train journey									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element LocationModified									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
annotation	documentation This elemnt shows if the location has been added or deleted in the modified train journey									
source	<pre><xs:element name="ModificationStatusIndicator"> <xs:annotation> <xs:documentation>This elemnt shows if the location has been added or deleted in the modified train journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MonitoringBodies**

diagram	 MonitoringBodies Monitoring bodies ResponsibleRU RU Responsible for the physical operation of the train or wagon ReferenceNumber Reference number
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ResponsibleRU ReferenceNumber
used by	element LoadingSpecial
annotation	documentation Monitoring bodies
source	<pre> <xs:element name="MonitoringBodies"> <xs:annotation> </pre>

	<pre> <xs:documentation>Monitoring bodies</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ResponsibleRU"/> <xs:element ref="ReferenceNumber" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MonitoringCode**

diagram	MonitoringCode Monitoring code									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element TransportMonitoring									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
annotation	documentation Monitoring code									
source	<pre><xs:element name="MonitoringCode"> <xs:annotation> <xs:documentation>Monitoring code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MRN_Type**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:token
properties	content simple

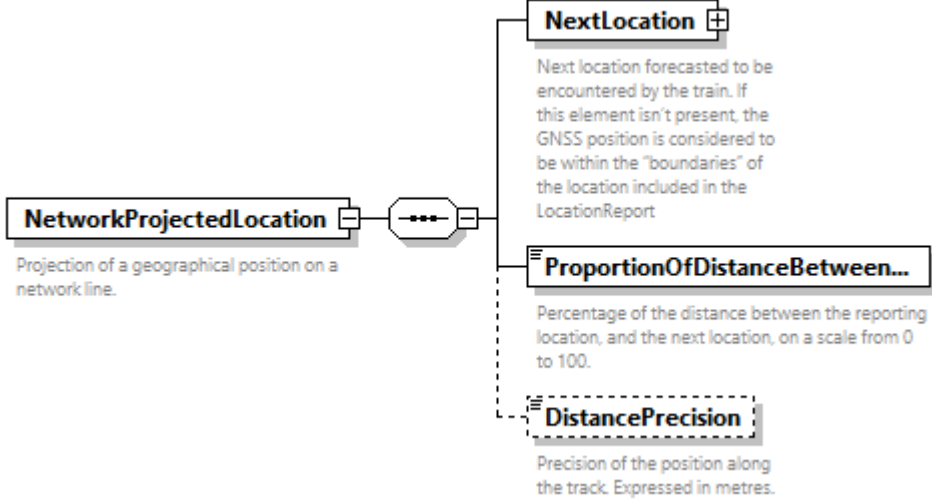
used by	element ReferenceNumbers/MovementReferenceNumber		
facets	Kind	Value	Annotation
	enumeration	MRN-E	documentation if an EXPORT declaration has been lodged
	enumeration	MRN-T	documentation if a TRANSIT declaration has been lodged
	enumeration	MRN-TS	documentation if a TRANSIT declaration with SECURITY data has been lodged
	enumeration	MRN-EXS	documentation if the EXIT SUMMARY declaration has been made separately by the consignor
	enumeration	MRN-ENS	documentation if the ENTRY SUMMARY declaration has been made separately by the consignor
annotation	documentation Type of MRN given, CODE: CIT GLV-CIM appendix 2		
source	<pre> <xs:element name="MRN_Type"> <xs:annotation> <xs:documentation>Type of MRN given, CODE: CIT GLV-CIM appendix 2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="MRN-E"> <xs:annotation> <xs:documentation>if an EXPORT declaration has been lodged</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-T"> <xs:annotation> <xs:documentation>if a TRANSIT declaration has been lodged</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-TS"> <xs:annotation> <xs:documentation>if a TRANSIT declaration with SECURITY data has been lodged</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-EXS"> <xs:annotation> <xs:documentation>if the EXIT SUMMARY declaration has been made separately by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-ENS"> <xs:annotation> <xs:documentation>if the ENTRY SUMMARY declaration has been made separately by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

	<pre> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Name**

diagram	Name Generic Name in Free Text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	content simple
used by	elements AdministrativeContactInformation Customers RollingRoadUnit/RollingRoadUnitDetails/Haulier NetworkSpecificParameter Parameters
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Generic Name in Free Text
source	<xs:element name="Name" type="FreeText"> <xs:annotation> <xs:documentation>Generic Name in Free Text</xs:documentation> </xs:annotation> </xs:element>

element **NetworkProjectedLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NextLocation ProportionOfDistanceBetweenLocations DistancePrecision

used by	element GeoLocalisationOnNetwork
annotation	documentation Projection of a geographical position on a network line.
source	<pre> <xs:element name="NetworkProjectedLocation"> <xs:annotation> <xs:documentation>Projection of a geographical position on a network line. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NextLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProportionOfDistanceBetweenLocations" type="Percentage"> <xs:annotation> <xs:documentation>Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="DistancePrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position along the track. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **NetworkProjectedLocation/NextLocation**

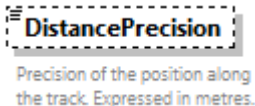
diagram	NextLocation Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport LocationIdent CountryCodeISO Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification Code, Name and allocation company of Subsidiary Location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport
source	<pre><xs:element name="NextLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport</xs:documentation> </xs:annotation> </xs:element></pre>

element **NetworkProjectedLocation/ProportionOfDistanceBetweenLocations**

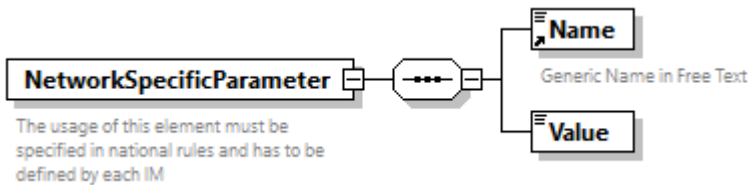
diagram	☰ ProportionOfDistanceBetween... Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Percentage									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>100</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	100									

annotation	documentation Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100.
source	<pre><xs:element name="ProportionOfDistanceBetweenLocations" type="Percentage"> <xs:annotation> <xs:documentation>Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100. </xs:documentation> </xs:annotation> </xs:element></pre>

element **NetworkProjectedLocation/DistancePrecision**

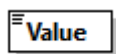
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:float
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Precision of the position along the track. Expressed in metres.
source	<pre><xs:element name="DistancePrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position along the track. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element></pre>

element **NetworkSpecificParameter**

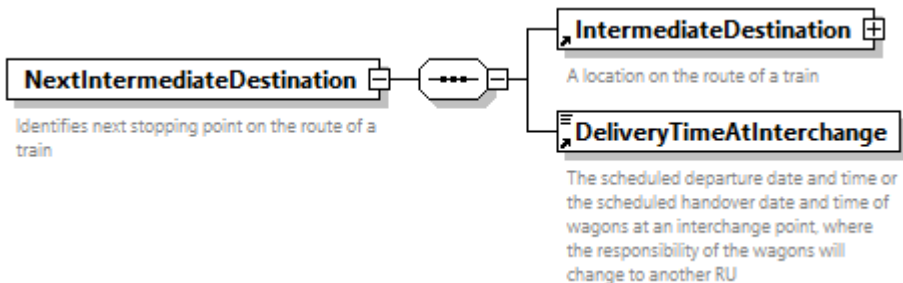
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Name Value
used by	elements AffectedSection Locolident TrainCompositionJourneySection/Locolident PathCoordinationMessage PathDetailsMessage PathRequestMessage PathSectionNotificationMessage PlannedJourneyLocation TrainCompositionHermesCompatibleMessage TrainCompositionJourneySection WagonData WagonDataHERMES
annotation	documentation The usage of this element must be specified in national rules and has to be defined by each IM

source	<pre> <xs:element name="NetworkSpecificParameter"> <xs:annotation> <xs:documentation>The usage of this element must be specified in national rules and has to be defined by each IM</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"/> <xs:element name="Value" type="FreeText"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **NetworkSpecificParameter/Value**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	elements Height Length Width									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
source	<xs:element name="Value" type="FreeText"/>									

element **NextIntermediateDestination**

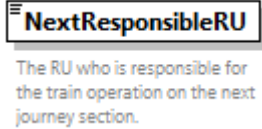
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	IntermediateDestination DeliveryTimeAtInterchange
annotation	documentation Identifies next stopping point on the route of a train
source	<pre> <xs:element name="NextIntermediateDestination"> <xs:annotation> </pre>

	<pre> <xs:documentation>Identifies next stopping point on the route of a train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IntermediateDestination"/> <xs:element ref="DeliveryTimeAtInterchange"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **NextOverhaul**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:date
properties	content simple
used by	element Overhaul
annotation	documentation Next overhaul
source	<pre><xs:element name="NextOverhaul"> <xs:annotation> <xs:documentation>Next overhaul</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:date"/> </xs:simpleType> </xs:element></pre>

element **NextResponsibleRU**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	

annotation	documentation The RU who is responsible for the train operation on the next journey section.
source	<pre> <xs:element name="NextResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>The RU who is responsible for the train operation on the next journey section.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **NHM_Code**

diagram	NHM_Code NHM code of the goods									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	NHMCodeType									
properties	content simple									
used by	elements Goods GoodsInWagon/GoodsInContainer GoodsInWagon Wagons/GoodsInWagon									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>6</td><td></td></tr><tr><td>pattern</td><td>\d*[1-9]\d*</td><td></td></tr></table>	Kind	Value	Annotation	length	6		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	6									
pattern	\d*[1-9]\d*									
annotation	documentation NHM code of the goods									
source	<pre><xs:element name="NHM_Code" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code of the goods</xs:documentation> </xs:annotation> </xs:element></pre>									

element **Noise**

diagram	Noise Noise level at stand still in decibels									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Noise level at stand still in decibels									
source	<xs:element name="Noise">									

	<pre> <xs:annotation> <xs:documentation>Noise level at stand still in decibels</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **NoiseByPassLimit**

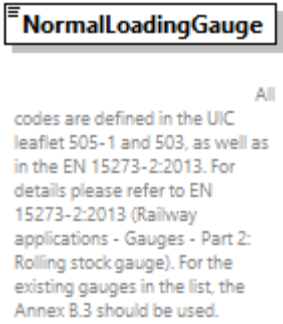
diagram	NoiseByPassLimit Noise limit on reference track									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Noise limit on reference track									
source	<pre><xs:element name="NoiseByPassLimit"> <xs:annotation> <xs:documentation>Noise limit on reference track</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **NoiseReductionCode**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:short						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0	
Kind	Value	Annotation					
minInclusive	0						

	maxInclusive 99
annotation	documentation Noise reduction code
source	<pre> <xs:element name="NoiseReductionCode"> <xs:annotation> <xs:documentation>Noise reduction code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **NormalLoadingGauge**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	elements	RollingStockDataset/DesignDataSet UnitTechnicalData WagonTechData	
facets	Kind	Value	Annotation
	enumeration	G1	
	enumeration	G2	
	enumeration	GA	
	enumeration	GB	
	enumeration	GC	
	enumeration	GB1	
	enumeration	GB2	
	enumeration	GB-M6	
	enumeration	GHE16	
	enumeration	W6-A	
	enumeration	SEa	
annotation	documentation	All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN	

	15273-2:2013. For details please refer to EN 15273-2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, the Annex B.3 should be used.
source	<pre> <xs:element name="NormalLoadingGauge"> <xs:annotation> <xs:documentation> All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273-2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, the Annex B.3 should be used. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="G1"/> <xs:enumeration value="G2"/> <xs:enumeration value="GA"/> <xs:enumeration value="GB"/> <xs:enumeration value="GC"/> <xs:enumeration value="GB1"/> <xs:enumeration value="GB2"/> <xs:enumeration value="GB-M6"/> <xs:enumeration value="GHE16"/> <xs:enumeration value="W6-A"/> <xs:enumeration value="SEa"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element Notes

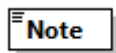
diagram	<pre> classDiagram class Notes { NoteLocationIdent* Note* } class NoteLocationIdent { + } class Note Notes "1" -- "*" NoteLocationIdent Notes "1" -- "*" Note </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NoteLocationIdent Note
used by	element TrainRunningData
annotation	documentation Remarks to be transmitted to IM
source	<pre> <xs:element name="Notes"> <xs:annotation> <xs:documentation>Remarks to be transmitted to IM</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre>

	<pre> <xs:element name="NoteLocationIdent" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Identification of location for which is note valid</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Note" type="FreeText"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Notes/NoteLocationIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Identification of location for which is note valid
source	<pre> <xs:element name="NoteLocationIdent" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Identification of location for which is note valid</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Notes/Note**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
source	<xs:element name="Note" type="FreeText"/>									

element **NumberOfAccessoriesOfSpecificType**

diagram	☰ NumberOfAccessoriesOfSpecifi... Number of accessories of a specific type									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element RemovableAccessoriesAndSpecialEquipmentOnWagons									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
annotation	documentation Number of accessories of a specific type									
source	<pre><xs:element name="NumberOfAccessoriesOfSpecificType"> <xs:annotation> <xs:documentation>Number of accessories of a specific type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **NumberOfAccompanyingPersons**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:short		
properties	content	simple	
used by	element	RestrictionDueToLoad	
facets	Kind	Value	Annotation
	totalDigits	2	
annotation	documentation Number of accompanying persons		
source	<pre><xs:element name="NumberOfAccompanyingPersons"> <xs:annotation> <xs:documentation>Number of accompanying persons</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

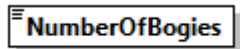
element **NumberOfAxelsOfTractionUnit**

diagram	☰ NumberOfAxelsOfTractionUnit Number of axels of traction unit									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element Locolident									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>2</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	2		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	2									
maxInclusive	99									
annotation	documentation Number of axels of traction unit									
source	<pre><xs:element name="NumberOfAxelsOfTractionUnit"> <xs:annotation> <xs:documentation>Number of axels of traction unit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="2"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **NumberOfAxles**

diagram	☰ NumberOfAxles The sum of number of axles of all wagons and all traction units									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	elements PassengerTrainData RollingStockTechnicalData Traction TrainRunningTechData TrainTechData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0000</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0000		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0000									
maxInclusive	9999									
annotation	documentation The sum of number of axles of all wagons and all traction units									
source	<pre><xs:element name="NumberOfAxles"> <xs:annotation> <xs:documentation>The sum of number of axles of all wagons and all traction units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **NumberOfBogies**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet WagonDataHERMES/WagonTechDataHERMES									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>9</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9									
source	<pre><xs:element name="NumberOfBogies"> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<code></xs:simpleType></code> <code></xs:element></code>

element **NumberOfBrakeUnits**

diagram	☰ NumberOfBrakeUnits Number of brake units									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>9</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	9	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	9									
annotation	documentation Number of brake units									
source	<pre><xs:element name="NumberOfBrakeUnits"> <xs:annotation> <xs:documentation>Number of brake units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **NumberOfEvidence**

diagram	☰ NumberOfEvidence Number of evidence									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element ExceptionalGaugingInfo									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>64</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	64	
Kind	Value	Annotation								
minLength	1									
maxLength	64									
annotation	documentation Number of evidence									
source	<xs:element name="NumberOfEvidence"> <xs:annotation> <xs:documentation>Number of evidence</xs:documentation> </xs:annotation> </xs:element>									

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **NumberOfFormationAndBrakeGroup**

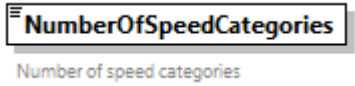
diagram	☰ NumberOfFormationAndBrake... Number of formation- and brakegroup		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content	simple	
used by	element	FormationAndBrakeGroup	
facets	Kind	Value	Annotation
	length	2	
	pattern	\d*[1-9]\d*	
annotation	documentation Number of formation- and brakegroup		
source	<xs:element name="NumberOfFormationAndBrakeGroup"> <xs:annotation> <xs:documentation>Number of formation- and brakegroup</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element>		

element **NumberOfSimilarTypesOfEquipment**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content	simple	
used by	element	LoadingEquipment	

facets	Kind Value Annotation length 3 pattern \d*[1-9]\d*
annotation	documentation Number of similar types of gear
source	<pre><xs:element name="NumberOfSimilarTypesOfEquipment"> <xs:annotation> <xs:documentation>Number of similar types of gear</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="3"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **NumberOfSpeedCategories**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	content simple
used by	element TableOfLoadLimits/ListOfLoadLimits/SpeedCategories
facets	Kind Value Annotation minInclusive 1 maxInclusive 9
annotation	documentation Number of speed categories
source	<pre><xs:element name="NumberOfSpeedCategories"> <xs:annotation> <xs:documentation>Number of speed categories</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **NumberOfStars**

diagram	☰ NumberOfStars Number of stars															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:short															
properties	content simple															
used by	element ListOfSpeedCategories															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation														
enumeration	0															
enumeration	1															
enumeration	2															
enumeration	3															
annotation	documentation Number of stars															
source	<pre><xs:element name="NumberOfStars"> <xs:annotation> <xs:documentation>Number of stars</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

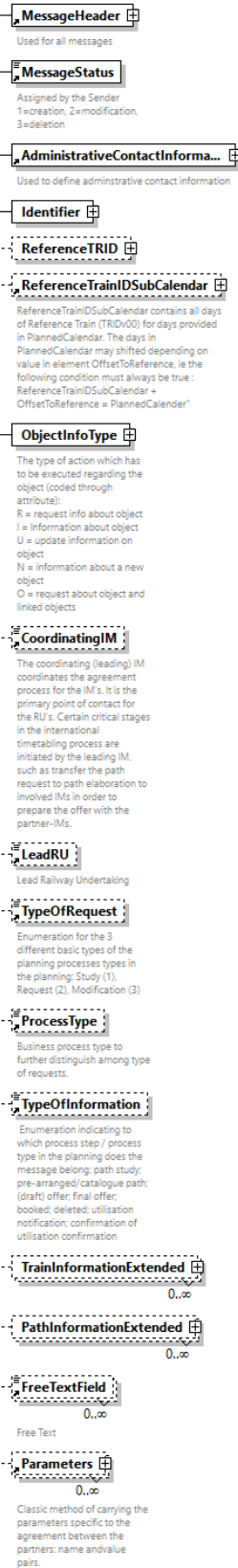
element **NumberOfVehicles**

diagram	☰ NumberOfVehicles The sum of number of wagons and number of traction units									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	elements PassengerTrainData TrainRunningTechData TrainTechData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0000</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0000		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0000									
maxInclusive	9999									
annotation	documentation The sum of number of wagons and number of traction units									

source	<pre><xs:element name="NumberOfVehicles"> <xs:annotation> <xs:documentation>The sum of number of wagons and number of traction units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element ObjectInfoMessage

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus AdministrativeContactInformation Identifier ReferenceTRID ReferenceTrainIDSubCalendar ObjectInfoType CoordinatingIM LeadRU TypeOfRequest ProcessType TypeOfInformation TrainInformationExtended PathInformationExtended FreeTextField Parameters
annotation	documentation This message serves to request an information about the object, to update an information in an object, and to inform about the content of the object.
source	<pre> <xs:element name="ObjectInfoMessage"> <xs:annotation> <xs:documentation>This message serves to request an information about the object, to update an information in an object, and to inform about the content of the object.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element name="Identifier" type="CompositIdentifierPlannedType"/> <xs:element name="ReferenceTRID" type="CompositIdentifierPlannedType" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element name="ObjectInfoType"> <xs:annotation> <xs:documentation>The type of action which has to be executed regarding the object (coded through attribute): R = request info about object I = Information about object U = update information on object N = information about a new object O = request about object and linked objects </xs:documentation> </xs:annotation> <xs:complexType> <xs:attribute name="Code" use="required"> <xs:annotation> <xs:documentation>R = request info about object I = Information about object U = update information on object N = information about a new object O = request about object and linked objects</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="R"/> <xs:enumeration value="I"/> <xs:enumeration value="U"/> <xs:enumeration value="N"/> <xs:enumeration value="O"/> </xs:restriction> </xs:simpleType> </xs:attribute> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

        </xs:attribute>
    </xs:complexType>
</xs:element>
<!-- SMO CR 285 Leading agencies added to OIM -->
<xs:element ref="CoordinatingIM" minOccurs="0"/>
<xs:element ref="LeadRU" minOccurs="0"/>
<xs:element ref="TypeOfRequest" minOccurs="0"/>
<xs:element ref="ProcessType" minOccurs="0"/>
<xs:element ref="TypeOfInformation" minOccurs="0"/>
<!-- SMO CR 289 structure of TrainInformationExtended and
PathInformationExtended changed: reference to Identifiers replaced previous
RelatedPlannedTransportIdentifiers -->
<xs:element name="TrainInformationExtended" minOccurs="0"
maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="Identifiers"/>
            <xs:element ref="TrainInformation"/>
            <xs:element name="PathInformationExtended" minOccurs="0"
maxOccurs="unbounded">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element ref="Identifiers"/>
                        <xs:element ref="PathInformation"/>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="PathInformationExtended" minOccurs="0"
maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="Identifiers"/>
            <xs:element ref="PathInformation"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/>
<xs:element ref="Parameters" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **ObjectInfoMessage/Identifier**

diagram	CompositIdentifierPlannedType ObjectType Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) and TCR(TC) Company Identifies a railway company (RU or IM) Core It is the main part of identifier and is determent by the company that creates it. Variant The variant shows a relationship between two identifiers referring to the same business case TimetableYear Refers to the timetable period in which the business will be carried out StartDate The start of the date/time in effect
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
source	<code><xs:element name="Identifier" type="CompositIdentifierPlannedType"/></code>

element **ObjectInfoMessage/ReferenceTRID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompositIdentifierPlannedType
properties	minOcc 0 maxOcc 1 content complex
children	ObjectType Company Core Variant TimetableYear StartDate
source	<pre><xs:element name="ReferenceTRID" type="CompositIdentifierPlannedType" minOccurs="0"/></pre>

element **ObjectInfoMessage/ObjectInfoType**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
properties	content complex					
attributes	Name Code	Type derived by: xs:string	Use required	Default	Fixed	Annotation documentation R = request info about object I = Information about object U = update information on object N = information about a new object O = request about object and linked objects
annotation	documentation The type of action which has to be executed regarding the object (coded through attribute): R = request info about object I = Information about object U = update information on object N = information about a new object O = request about object and linked objects					
source	<pre><xs:element name="ObjectInfoType"> <xs:annotation> <xs:documentation>The type of action which has to be executed regarding the object (coded through attribute): R = request info about object I = Information about object</pre>					

	U = update information on object N = information about a new object O = request about object and linked objects <pre> </xs:documentation> </xs:annotation> <xs:complexType> <xs:attribute name="Code" use="required"> <xs:annotation> <xs:documentation>R = request info about object I = Information about object U = update information on object N = information about a new object O = request about object and linked objects</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="R"/> <xs:enumeration value="I"/> <xs:enumeration value="U"/> <xs:enumeration value="N"/> <xs:enumeration value="O"/> </xs:restriction> </xs:simpleType> </xs:attribute> </xs:complexType> </xs:element> </pre>

attribute **ObjectInfoMessage/ObjectInfoType/@Code**

type	restriction of xs:string																		
properties	use required																		
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>R</td><td></td></tr><tr><td>enumeration</td><td>I</td><td></td></tr><tr><td>enumeration</td><td>U</td><td></td></tr><tr><td>enumeration</td><td>N</td><td></td></tr><tr><td>enumeration</td><td>O</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	R		enumeration	I		enumeration	U		enumeration	N		enumeration	O	
Kind	Value	Annotation																	
enumeration	R																		
enumeration	I																		
enumeration	U																		
enumeration	N																		
enumeration	O																		
annotation	documentation R = request info about object I = Information about object U = update information on object N = information about a new object O = request about object and linked objects																		
source	<pre><xs:attribute name="Code" use="required"> <xs:annotation> <xs:documentation>R = request info about object I = Information about object U = update information on object N = information about a new object O = request about object and linked objects</xs:documentation> </xs:annotation></pre>																		

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="R"/> <xs:enumeration value="I"/> <xs:enumeration value="U"/> <xs:enumeration value="N"/> <xs:enumeration value="O"/> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>

element **ObjectInfoMessage/TrainInformationExtended**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	Identifiers TrainInformation PathInformationExtended
source	<pre> <xs:element name="TrainInformationExtended" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="Identifiers"/> <xs:element ref="TrainInformation"/> <xs:element name="PathInformationExtended" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="Identifiers"/> <xs:element ref="PathInformation"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ObjectInfoMessage/TrainInformationExtended/PathInformationExtended**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	Identifiers PathInformation
source	<pre> <xs:element name="PathInformationExtended" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="Identifiers"/> <xs:element ref="PathInformation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ObjectInfoMessage/PathInformationExtended**

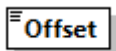
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	Identifiers PathInformation
source	<pre> <xs:element name="PathInformationExtended" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="Identifiers"/> <xs:element ref="PathInformation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ObjectType**

diagram	 Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) and TCR(TC)		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content simple		
used by	element	CapacityProductSearchCriteria/ObjectTypeSearch	
	complexType	CompositIdentifierOperationalType CompositIdentifierPlannedType	
facets	Kind	Value	Annotation
	minLength	2	
	maxLength	2	
	pattern	[0-9A-Z]{2}	
	enumeration	TR	
	enumeration	RO	
	enumeration	PA	
	enumeration	CR	
	enumeration	PR	
	enumeration	CN	
	enumeration	CM	
	enumeration	CP	
	enumeration	TC	
annotation	documentation Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) and TCR(TC)		
source	<pre><xs:element name="ObjectType"> <xs:annotation> <xs:documentation>Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) and TCR(TC)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="2"/> <xs:pattern value="[0-9A-Z]{2}"/> <xs:enumeration value="TR"/> <xs:enumeration value="RO"/> <xs:enumeration value="PA"/> <xs:enumeration value="CR"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

	<pre> <xs:enumeration value="PR"/> <xs:enumeration value="CN"/> <xs:enumeration value="CM"/> <xs:enumeration value="CP"/> <xs:enumeration value="TC"/> <!-- Sector Schema TCR Part Begin --> <!-- Sector Schema TCR Part End --> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Offset**

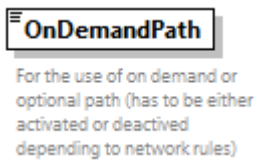
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:integer
properties	content simple
used by	element TimingAtLocation/Timing complexType TimeAndOffset
source	<code><xs:element name="Offset" type="xs:integer"/></code>

element **OffsetToReference**

diagram	 The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calendar earlier than Reference Calendar.&gt;
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:integer
properties	content simple
used by	element PlannedCalendar
annotation	documentation The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is

	set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calendar earlier than Reference Calendar.>
source	<pre> <xs:element name="OffsetToReference" type="xs:integer"> <xs:annotation> <xs:documentation> The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calendar earlier than Reference Calendar.></xs:documentation> </xs:annotation> </xs:element> </pre>

element **OnDemandPath**

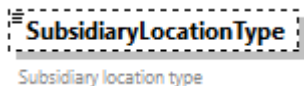
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element PlannedJourneyLocation
annotation	documentation For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)
source	<pre> <xs:element name="OnDemandPath" type="xs:boolean"> <xs:annotation> <xs:documentation>For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)</xs:documentation> </xs:annotation> </xs:element> </pre>

element **OperationalDestinationOfWagon**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName DestinationRU SubsidiaryLocationType SubsidiaryLocationCode AllocationCompany LocationSubsidiaryName DeliveryLocation
used by	element WagonDataHERMES/Consignmentdata
annotation	documentation Destination for the operations process
source	<pre> <xs:element name="OperationalDestinationOfWagon"> <xs:annotation> <xs:documentation>Destination for the operations process</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element ref="DestinationRU" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:element name="SubsidiaryLocationType" minOccurs="0"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="04"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="SubsidiaryLocationCode" minOccurs="0"/> <xs:element ref="AllocationCompany" minOccurs="0"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> <xs:element ref="DeliveryLocation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **OperationalDestinationOfWagon/SubsidiaryLocationType**

diagram	 The diagram shows a dashed box labeled "SubsidiaryLocationType" with the text "Subsidiary location type" below it.						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:short						
properties	minOcc 0 maxOcc 1 content simple						
used by	elements CustomsClearingPoint WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation IntermediateHandling						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>04</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	04	
Kind	Value	Annotation					
enumeration	04						
annotation	documentation Subsidiary location type						
source	<pre><xs:element name="SubsidiaryLocationType" minOccurs="0"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="04"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **OperationalTrainCouplingStrength**

diagram	☰ OperationalTrainCouplingStren... OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating									
source	<pre><xs:element name="OperationalTrainCouplingStrength"> <xs:annotation> <xs:documentation> OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **OperationalTrainNumber**

diagram	 Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	String1-8
properties	content simple
used by	elements WagonDataHERMES/MarshallingRoutingInfo/FollowingTrainOperationalTrainNumberID WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier OperationalTrainNumberIdentifier PlannedJourneyLocation WagonInterchangeNoticeMessage WagonInterchangeSubNoticeMessage

	complexType e	CapacityModelType
facets	Kind Value Annotation minLength 1 maxLength 8	
annotation	documentation Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.	
source	<pre><xs:element name="OperationalTrainNumber" type="String1-8"> <xs:annotation> <xs:documentation>Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</xs:documentation> </xs:annotation> </xs:element></pre>	

element **OperationalTrainNumberID**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5	
properties	content	complex
children	OperationalTrainNumber PlannedDateTimeAtInterchange TrainOrigin TrainDestination LastTrainFormationLocation TrainTechData	
used by	element	TrainCompositionHermesCompatibleMessage
annotation	documentation Train data	
source	<pre><xs:element name="OperationalTrainNumberID"> <xs:annotation> <xs:documentation>Train data</xs:documentation> </xs:annotation> </xs:element></pre>	

	<pre> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumber" minOccurs="0"/> <xs:element name="PlannedDateTimeAtInterchange"> <xs:annotation> <xs:documentation>Planned date time at border crossing or at arrival at the next interchange station; according to timetable</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"> <xs:pattern value=".\+0[0-9]:00"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainOrigin"/> <xs:element ref="TrainDestination"/> <xs:element ref="LastTrainFormationLocation" minOccurs="0"/> <xs:element ref="TrainTechData"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **OperationalTrainNumberID/PlannedDateTimeAtInterchange**

diagram	PlannedDateTimeAtInterchange Planned date time at border crossing or at arrival at the next interchange station; according to timetable						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:dateTime						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>.\+0[0-9]:00</td><td></td></tr></table>	Kind	Value	Annotation	pattern	.\+0[0-9]:00	
Kind	Value	Annotation					
pattern	.\+0[0-9]:00						
annotation	documentation Planned date time at border crossing or at arrival at the next interchange station; according to timetable						
source	<pre><xs:element name="PlannedDateTimeAtInterchange"> <xs:annotation> <xs:documentation>Planned date time at border crossing or at arrival at the next interchange station; according to timetable</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"> <xs:pattern value=".\+0[0-9]:00"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **OperationalTrainNumberIdentifier**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	OperationalTrainNumber ScheduledTimeAtHandover ScheduledDateTimeAtTransfer
used by	elements AffectedLocation AffectedSection ChangeOfTrackMessage PassengerTrainCompositionMessage ReferenceOTN RollingStockRestrictionMessage TrainAtLocation TrainCompositionHermesCompatibleMessage TrainCompositionMessage TrainDelayCauseMessage TrainForecastedDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage RunningStatusReportMessage/TransportDeviceID
source	<pre> <xs:element name="OperationalTrainNumberIdentifier"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumber"/> <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/> <xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Origin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element ItineraryOfUnit
annotation	documentation Origin of the itinerary of a rolling stock incorporated in the considered train
source	<pre><xs:element name="Origin" type="LocationIdent"> <xs:annotation> <xs:documentation>Origin of the itinerary of a rolling stock incorporated in the considered train</xs:documentation> </xs:annotation> </xs:element></pre>

element **OriginCountry**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of CountryIdentISO						
properties	content simple						
used by	elements ILU Details ITU Details Wagons/WagonDetails						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2	
Kind	Value	Annotation					
minLength	2						

	maxLength 2 pattern [A-Z][A-Z]
annotation	documentation Code of origin country of the UTI. documentation CODE: ISO-3166-2
source	<pre> <xs:element name="OriginCountry"> <xs:annotation> <xs:documentation>Code of origin country of the UTI.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="CountryIdentISO"> <xs:pattern value="[A-Z][A-Z]" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

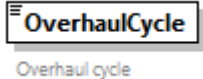
element **OtherPassengerRestrictionOrDefect**

diagram	<pre> classDiagram class OtherPassengerRestrictionOrDefect { +RestrictionOrDefectCode +RestrictionOrDefectValue +FreeTextField } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	RestrictionOrDefectCode RestrictionOrDefectValue FreeTextField
source	<pre> <xs:element name="OtherPassengerRestrictionOrDefect"> <xs:complexType> <xs:sequence> <xs:element ref="RestrictionOrDefectCode"/> <xs:element ref="RestrictionOrDefectValue"/> <xs:element ref="FreeTextField"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Overhaul**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	DateOfLastOverhaul OverhaulCycle ToleranceOnOverhaulDate NextOverhaul
used by	element WagonDataHERMES/WagonTechDataHERMES
annotation	documentation Overhaul
source	<pre> <xs:element name="Overhaul"> <xs:annotation> <xs:documentation>Overhaul</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="DateOfLastOverhaul" minOccurs="0"/> <xs:element ref="OverhaulCycle" minOccurs="0"/> <xs:element ref="ToleranceOnOverhaulDate" minOccurs="0"/> <xs:element ref="NextOverhaul" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **OverhaulCycle**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element Overhaul									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									

annotation	documentation Overhaul cycle
source	<pre> <xs:element name="OverhaulCycle"> <xs:annotation> <xs:documentation>Overhaul cycle</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **OverhaulValidityPeriod**

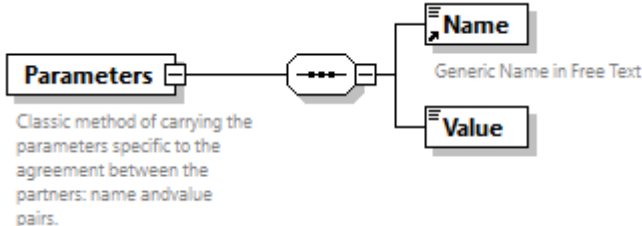
diagram	≡ OverhaulValidityPeriod Validity period of last overhaul in years as marked on the wagon									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxExclusive</td><td>20</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxExclusive	20	
Kind	Value	Annotation								
minInclusive	1									
maxExclusive	20									
annotation	documentation Validity period of last overhaul in years as marked on the wagon									
source	<pre><xs:element name="OverhaulValidityPeriod"> <xs:annotation> <xs:documentation>Validity period of last overhaul in years as marked on the wagon</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxExclusive value="20"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **PackingGroup**

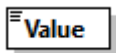
diagram	The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:token												
properties	content simple												
used by	elements RID SummaryOfGoodsWithSameRID complexType DanGoodsType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>I</td><td>documentation High danger</td></tr><tr><td>enumeration</td><td>II</td><td>documentation Medium danger</td></tr><tr><td>enumeration</td><td>III</td><td>documentation Low danger</td></tr></table>	Kind	Value	Annotation	enumeration	I	documentation High danger	enumeration	II	documentation Medium danger	enumeration	III	documentation Low danger
Kind	Value	Annotation											
enumeration	I	documentation High danger											
enumeration	II	documentation Medium danger											
enumeration	III	documentation Low danger											
annotation	documentation The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".												
source	<pre><xs:element name="PackingGroup"> <xs:annotation> <xs:documentation>The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="I"> <xs:annotation> <xs:documentation>High danger</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="II"> <xs:annotation> <xs:documentation>Medium danger</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="III"></pre>												

	<pre> <xs:annotation> <xs:documentation>Low danger</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Parameters**

diagram	 Classic method of carrying the parameters specific to the agreement between the partners: name andvalue pairs.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Name Value
used by	elements ObjectInfoMessage PassengerTrainCompositionJourneySection PassengerTrainCompositionMessage UnitData UpdateLinkMessage
annotation	documentation Classic method of carrying the parameters specific to the agreement between the partners: name andvalue pairs.
source	<pre> <xs:element name="Parameters"> <xs:annotation> <xs:documentation>Classic method of carrying the parameters specific to the agreement between the partners: name andvalue pairs.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"/> <!-- Sector schema: CR 135 --> <xs:element name="Value" type="FreeText"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Parameters/Value**

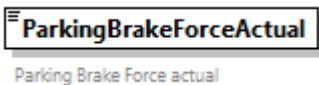
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	content simple

used by	elements Height Length Width		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	
source	<xs:element name="Value" type="FreeText"/>		

element **ParkingBrakeForce**

diagram	<

element **ParkingBrakeForceActual**

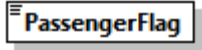
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	content simple
used by	element ActualOperationalWagonData
facets	Kind Value Annotation minInclusive 1 maxInclusive 9999
annotation	documentation Parking Brake Force actual
source	<pre> <xs:element name="ParkingBrakeForceActual"> <xs:annotation> <xs:documentation>Parking Brake Force actual</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

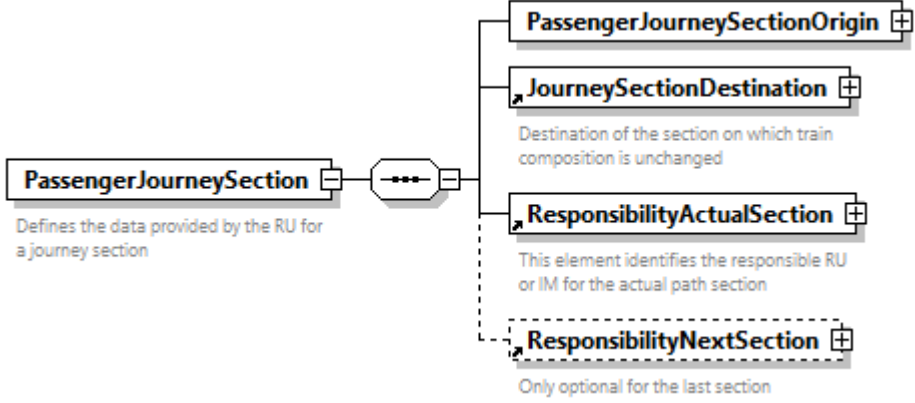
element **PartJourney**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	StartLocation EndLocation
source	<pre> <xs:element name="PartJourney"> <xs:complexType> <xs:sequence> <xs:element ref="StartLocation"/> <xs:element ref="EndLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PassengerFlag**

diagram	 Identifies that the Entity or Location is for Passenger Activity
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element LocationPrimaryInformation
annotation	documentation Identifies that the Entity or Location is for Passenger Activity
source	<pre><xs:element name="PassengerFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>Identifies that the Entity or Location is for Passenger Activity</xs:documentation> </xs:annotation> </xs:element></pre>

element **PassengerJourneySection**

diagram	 Defines the data provided by the RU for a journey section PassengerJourneySectionOrigin JourneySectionDestination Destination of the section on which train composition is unchanged ResponsibilityActualSection This element identifies the responsible RU or IM for the actual path section ResponsibilityNextSection Only optional for the last section
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	PassengerJourneySectionOrigin JourneySectionDestination ResponsibilityActualSection ResponsibilityNextSection
used by	element PassengerTrainCompositionJourneySection
annotation	documentation Defines the data provided by the RU for a journey section
source	<pre><xs:element name="PassengerJourneySection"> <xs:annotation> <xs:documentation>Defines the data provided by the RU for a journey section</xs:documentation> </xs:annotation></pre>

	<pre> <xs:complexType> <xs:sequence> <xs:element name="PassengerJourneySectionOrigin"> <xs:complexType> <xs:sequence> <xs:element ref="JourneySectionOrigin"/> <xs:element ref="PlannedCalendar" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="JourneySectionDestination"/> <xs:element ref="ResponsibilityActualSection"/> <xs:element ref="ResponsibilityNextSection" minOccurs="0"> <xs:annotation> <xs:documentation>Only optional for the last section</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PassengerJourneySection/PassengerJourneySectionOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	JourneySectionOrigin PlannedCalendar
source	<pre> <xs:element name="PassengerJourneySectionOrigin"> <xs:complexType> <xs:sequence> <xs:element ref="JourneySectionOrigin"/> <xs:element ref="PlannedCalendar" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PassengerJourneySectionOrigin**

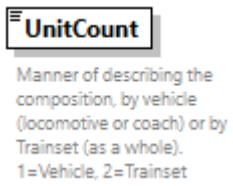
diagram	PassengerJourneySectionOrigin Origin of the section on which train composition is unchanged with relevant date or calendar JourneySectionOrigin Origin of the section on which train composition is unchanged SectionDepartureDate Departure date at the origin of the section SectionDepartureTime Departure time at the origin of the section PlannedCalendar This is the calendar item for path request/path details messages - used in planning phase
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	JourneySectionOrigin SectionDepartureDate SectionDepartureTime PlannedCalendar
annotation	documentation Origin of the section on which train composition is unchanged with relevant date or calendar
source	<pre> <xs:element name="PassengerJourneySectionOrigin"> <xs:annotation> <xs:documentation>Origin of the section on which train composition is unchanged with relevant date or calendar</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="JourneySectionOrigin"/> <xs:element ref="SectionDepartureDate" minOccurs="0"/> <xs:element ref="SectionDepartureTime" minOccurs="0"> <xs:annotation> <xs:documentation>Departure time at the origin of the section</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="PlannedCalendar" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PassengerTrainCompositionJourneySection**

diagram	PassengerTrainCompositionJou... Defines the make up of a train for each section of its journey PassengerJourneySection Defines the data provided by the RU for a journey section PassengerTrainData Agregated technical data for the whole train UnitCount Manner of describing the composition, by vehicle (locomotive or coach) or by Trainset (as a whole). 1=Vehicle, 2=Trainset NumberOfUnits Number of vehicles or Trainsets DirectionOfDescription Direction of composition description according to the direction of departure. 1=from head and 9=from end. UnitData 1..∞ Relevant data for the units within a passenger train Parameters 0..∞ Classic method of carrying the parameters specific to the agreement between the partners: name andvalue pairs.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	PassengerJourneySection PassengerTrainData UnitCount NumberOfUnits DirectionOfDescription UnitData Parameters
used by	element PassengerTrainCompositionMessage
annotation	documentation Defines the make up of a train for each section of its journey
source	<pre><xs:element name="PassengerTrainCompositionJourneySection"> <xs:annotation> <xs:documentation>Defines the make up of a train for each section of its journey</xs:documentation> </xs:annotation> <xs:complexType></pre>

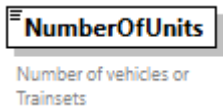
	<pre> <xs:sequence> <xs:element ref="PassengerJourneySection"/> <xs:element ref="PassengerTrainData" minOccurs="0"/> <xs:element name="UnitCount"> <xs:annotation> <xs:documentation>Manner of describing the composition, by vehicle (locomotive or coach) or by Trainset (as a whole). 1=Vehicle, 2=Trainset</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NumberOfUnits" type="xs:integer"> <xs:annotation> <xs:documentation>Number of vehicles or Trainsets</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DirectionOfDescription"> <xs:annotation> <xs:documentation>Direction of composition description according to the drection of departure. 1=from head and 9=from end.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="UnitData" maxOccurs="unbounded"/> <!-- Sector CR 254 start --> <xs:element ref="Parameters" minOccurs="0" maxOccurs="unbounded"/> <!-- Sector CR 254 end --> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PassengerTrainCompositionJourneySection/UnitCount**

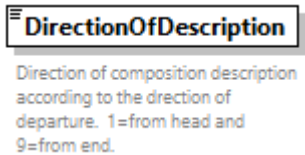
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer

properties	content simple
facets	Kind Value Annotation enumeration 1 enumeration 2
annotation	documentation Manner of describing the composition, by vehicle (locomotive or coach) or by Trainset (as a whole). 1=Vehicle, 2=Trainset
source	<pre><xs:element name="UnitCount"> <xs:annotation> <xs:documentation>Manner of describing the composition, by vehicle (locomotive or coach) or by Trainset (as a whole). 1=Vehicle, 2=Trainset</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **PassengerTrainCompositionJourneySection/NumberOfUnits**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:integer
properties	content simple
annotation	documentation Number of vehicles or Trainsets
source	<pre><xs:element name="NumberOfUnits" type="xs:integer"> <xs:annotation> <xs:documentation>Number of vehicles or Trainsets</xs:documentation> </xs:annotation> </xs:element></pre>

element **PassengerTrainCompositionJourneySection/DirectionOfDescription**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer

properties	content simple
facets	Kind Value Annotation enumeration 1 enumeration 9
annotation	documentation Direction of composition description according to the drection of departure. 1=from head and 9=from end.
source	<pre> <xs:element name="DirectionOfDescription"> <xs:annotation> <xs:documentation>Direction of composition description according to the drection of departure. 1=from head and 9=from end.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **PassengerTrainCompositionMessage**

diagram	PassengerTrainCompositionMe... This sector message defining the composition of the proposed train is sent from a RU to another RU or to IM or to SM, depending on agreement MessageHeader Used for all messages MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion PlannedTransportIdentifiers (0..∞) TransportOperationalIdentifiers (0..∞) OperationalTrainNumberIdentifiers (0..∞) ReferenceOTN (0..∞) TransferPoint (0..∞) Transfer point or station of destination in the considered network TransfereeIM Next IM TrainDepartureStation Origin of the train TrainDestinationStation Destination of the train PassengerTrainCompositionJou... (1..∞) Defines the make up of a train for each section of its journey Parameters (0..∞) Classic method of carrying the parameters specific to the agreement between the partners: name and value pairs. Remarks Free Form Text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex

children	MessageHeader MessageStatus PlannedTransportIdentifiers TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN TransferPoint TransfereeIM TrainDepartureStation TrainDestinationStation PassengerTrainCompositionJourneySection Parameters Remarks
annotation	documentation This sector message defining the composition of the proposed train is sent from a RU to another RU or to IM or to SM, depending on agreement
source	<pre> <xs:element name="PassengerTrainCompositionMessage"> <xs:annotation> <xs:documentation>This sector message defining the composition of the proposed train is sent from a RU to another RU or to IM or to SM, depending on agreement</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:choice> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> </xs:choice> <xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> <xs:element ref="TrainDepartureStation" minOccurs="0"/> <xs:element ref="TrainDestinationStation" minOccurs="0"/> <xs:element ref="PassengerTrainCompositionJourneySection" maxOccurs="unbounded"/> <xs:element ref="Parameters" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="Remarks" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PassengerTrainData**

diagram

PassengerTrainData
Agregated technical data for
the whole train

TrainType

Element TrainType defines the main purpose of the train in a fundamental way. These purposes are:
Transport of passengers
Transport of freight/goods
Transport of passengers and freight/goods
Train only for run of traction unit/locomotive
Train of the IM in case of emergency
The element is not repeatable, and it does not support any overlapping meaning.

TrainWeight

The sum of all weights of wagons and traction units

TrainLength

The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres

TrainCC_System

0..9

Identifies the command control system of the train in coded values.

TrainRadioSystem

0..9

The on board radio system of the train in coded format

TrainMaxSpeed

The max. possible speed of a train in km/h

MaxAxleWeight

Indicates the maximum design axle weight (to).

BrakeType

Type of braking system.

PushPullTrain

Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.

BrakingRatio

Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).

BrakeWeight

Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes

NumberOfVehicles

The sum of number of wagons and number of traction units

NumberOfAxes

The sum of number of axes of all wagons and all traction units

TiltingFunction

Indicates if a train uses a tilting system

EmergencyBrakeOverride

Ability of the whole train (all wagons and traction units) to override the emergency brake signal

Activities

0..∞

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainType TrainWeight TrainLength TrainCC System TrainRadioSystem TrainMaxSpeed MaxAxleWeight BrakeType PushPullTrain BrakingRatio BrakeWeight NumberOfVehicles NumberOfAxles TiltingFunction EmergencyBrakeOverride Activities
used by	element PassengerTrainCompositionJourneySection
annotation	documentation Agregated technical data for the whole train
source	<pre> <xs:element name="PassengerTrainData"> <xs:annotation> <xs:documentation>Agregated technical data for the whole train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainType"/> <xs:element ref="TrainWeight"/> <xs:element ref="TrainLength"/> <xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="9"/> <xs:element ref="TrainRadioSystem" minOccurs="0" maxOccurs="9"/> <xs:element ref="TrainMaxSpeed" minOccurs="0"/> <xs:element ref="MaxAxleWeight" minOccurs="0"/> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="PushPullTrain" minOccurs="0"/> <xs:element ref="BrakingRatio" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="NumberOfVehicles" minOccurs="0"/> <xs:element ref="NumberOfAxles" minOccurs="0"/> <xs:element ref="TiltingFunction" minOccurs="0"/> <xs:element ref="EmergencyBrakeOverride" minOccurs="0"/> <!-- Sector CR 253 start --> <xs:element name="Activities" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="TrainActivity"/> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </xs:sequence> </xs:complexType> </xs:element> <!-- Sector CR 253 end --> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PassengerTrainData/Activities**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	TrainActivity ActivityLocationIdent
source	<pre> <xs:element name="Activities" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="TrainActivity"/> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PassengerTrainData/Activities/ActivityLocationIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex

children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
source	<pre><xs:element name="ActivityLocationIdent" type="LocationIdent"/></pre>

element **PassengerTrainRunningData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainRunningTechData ExceptionalGaugingInd DangerousGoodsIndication
source	<pre><xs:element name="PassengerTrainRunningData"> <xs:complexType> <xs:sequence> <xs:element ref="TrainRunningTechData"/> <xs:element ref="ExceptionalGaugingInd" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **PassengerTransportRestriction**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TransportRestrictionCode TransportRestrictionValue FreeTextField
source	<pre><xs:element name="PassengerTransportRestriction"> <xs:complexType> <xs:sequence></pre>

	<pre> <xs:element ref="TransportRestrictionCode"/> <xs:element ref="TransportRestrictionValue"/> <xs:element ref="FreeTextField"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PassengerUnitRestriction**

diagram	<pre> classDiagram class PassengerUnitRestriction { "0..∞" PassengerTransportRestriction "0..∞" InternalFittingDefect "0..∞" OtherPassengerRestrictionOrDefect } class PassengerTransportRestriction { "0..∞" } class InternalFittingDefect { "0..∞" } class OtherPassengerRestrictionOrDefect { "0..∞" } PassengerUnitRestriction "0..∞" -- "0..∞" PassengerTransportRestriction PassengerUnitRestriction "0..∞" -- "0..∞" InternalFittingDefect PassengerUnitRestriction "0..∞" -- "0..∞" OtherPassengerRestrictionOrDefect </pre> PassengerUnitRestriction Set of restrictions or defects related to the rolling stock PassengerTransportRestriction 0..∞ Restriction that can prevent the ability of the train to run according the path InternalFittingDefect 0..∞ Defect which affects the level of comfort of the passengers OtherPassengerRestrictionOr... 0..∞ List of restrictions or defects referring to national rules (or multilateral agreed rules)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	PassengerTransportRestriction InternalFittingDefect OtherPassengerRestrictionOrDefect
used by	elements RollingStockRestrictionMessage UnitData
annotation	documentation Set of restrictions or defects related to the rolling stock
source	<pre> <xs:element name="PassengerUnitRestriction"> <xs:annotation> <xs:documentation>Set of restrictions or defects related to the rolling stock</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="PassengerTransportRestriction" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Restriction that can prevent the ability of the train to run according the path</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="TransportRestrictionCode" type="RestrictionCodes"/> <xs:element ref="FreeTextField" minOccurs="0"/> <xs:element name="ActiveRestriction" type="xs:boolean" </pre>

```

minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="InternalFittingDefect" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Defect which affects the level of comfort of the
passengers</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="InternalFittingDefectCode"
type="InternalFittingDefectCode"/>
      <xs:element ref="FreeTextField" minOccurs="0"/>
      <xs:element name="ActiveRestriction" type="xs:boolean"
minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="OtherPassengerRestrictionOrDefect" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>List of restrictions or defects referring to national
rules (or multilateral agreed rules)</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="RestrictionOrDefectCode">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="4"/>
            <xs:maxLength value="4"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="RestrictionOrDefectValue" type="xs:string"
minOccurs="0"/>
      <xs:element ref="FreeTextField" minOccurs="0"/>
      <xs:element name="ActiveRestriction" type="xs:boolean"
minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```


element **PassengerUnitRestriction/PassengerTransportRestriction**

diagram	Restriction that can prevent the ability of the train to run according the path
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	TransportRestrictionCode FreeTextField ActiveRestriction
annotation	documentation Restriction that can prevent the ability of the train to run according the path
source	<pre> <xs:element name="PassengerTransportRestriction" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Restriction that can prevent the ability of the train to run according the path</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="TransportRestrictionCode" type="RestrictionCodes"/> <xs:element ref="FreeTextField" minOccurs="0"/> <xs:element name="ActiveRestriction" type="xs:boolean" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PassengerUnitRestriction/PassengerTransportRestriction/TransportRestrictionCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	RestrictionCodes		
properties	content	simple	
used by	element	PassengerTransportRestriction	
facets	Kind	Value	Annotation
	enumeration	07	documentation F - Shunt only when hand brake operable with ground staff
	enumeration	08	documentation F - Tank wagon loaded with liquid
	enumeration	09	documentation F - Wagon loaded with people
	enumeration	11	documentation

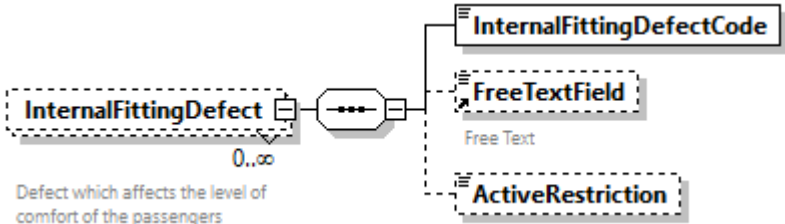
	enumeration	12	F - Wagon other than bogie wagon with wheelbase of more than 9 metres documentation
	enumeration	13	F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres documentation
	enumeration	15	F - Bogie wagon with distance between wheels of more than 17,50 metres documentation
	enumeration	16	F - Wagon not allowed over the hump documentation
	enumeration	18	F - Do not fly shunt or gravity shunt (3 red triangles) documentation
	enumeration	25	F - Must not use active braking equipment documentation
	enumeration	30	F - Gas carrying tank wagon with orange side stripe documentation
	enumeration	31	P (+F) - CCS fault (see CCS coding list) documentation
	enumeration	32	P (+F) - Braking system fault documentation
	enumeration	33	P (+F) - Wheelset, bogie fault documentation
	enumeration	34	P (+F) - Headlighting or back lighting fault documentation
	enumeration	35	P (+F) - Front glass broken documentation
	enumeration	36	P (+F) - Horn fault documentation
	enumeration	37	P (+F) - Radio fault documentation
	enumeration	38	P (+F) - Energy supply fault documentation
	enumeration	39	P (+F) - Traction or motor fault documentation
	enumeration	41	P - Access door fault documentation
	enumeration	42	F - Place this wagon at the front of the train documentation
	enumeration	50	F - Place this wagon at the rear of the train documentation
	enumeration	52	P (+F) - Speed restriction documentation
	enumeration	61	P (+F) - Diesel locomotive instead of electric locomotive documentation
	enumeration	62	F - Wagon forming part of a consignment of several wagons documentation
	enumeration	63	F - Wagon forming part of a group of wagons from which it must not be separated documentation
	enumeration	68	F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one documentation
	enumeration	70	F - First or last wagon of a wagon group from which it must not be separated documentation
			F - Shunt with care (1 red triangle)

	enumeration	71	documentation F - Shunt with special care (2 red triangle)
	enumeration	90	documentation P - Train planned with passengers operated without passengers
	enumeration	91	documentation P - Train planned without passengers operated with passengers
	enumeration	92	documentation P - Train planned with hauled rolling stock and operated without any coaches (light engine)
	enumeration	94	documentation F - Gas carrying wagon without orange side stripe
	enumeration	99	documentation P - Other
source	<xs:element name="TransportRestrictionCode" type="RestrictionCodes"/>		

element **PassengerUnitRestriction/PassengerTransportRestriction/ActiveRestriction**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	xs:boolean		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
source	<xs:element name="ActiveRestriction" type="xs:boolean" minOccurs="0"/>		

element **PassengerUnitRestriction/InternalFittingDefect**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
properties	minOcc	0	
	maxOcc	unbounded	
	content	complex	
children	InternalFittingDefectCode FreeTextField ActiveRestriction		
annotation	documentation Defect which affects the level of comfort of the passengers		
source	<xs:element name="InternalFittingDefect" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Defect which affects the level of comfort of the passengers</xs:documentation>		

	<pre> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="InternalFittingDefectCode" type="InternalFittingDefectCode"/> <xs:element ref="FreeTextField" minOccurs="0"/> <xs:element name="ActiveRestriction" type="xs:boolean" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

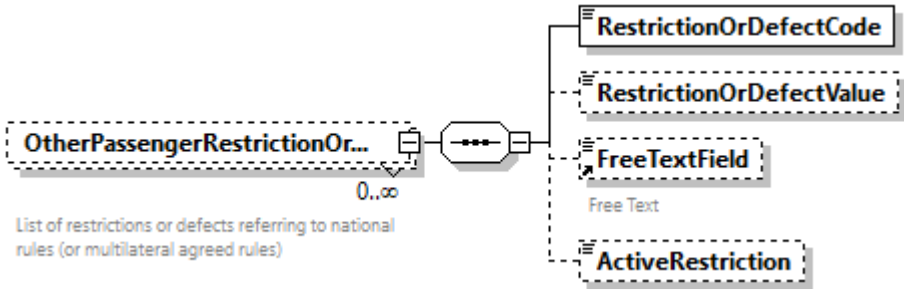
element **PassengerUnitRestriction/InternalFittingDefect/InternalFittingDefectCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	InternalFittingDefectCode		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	01	documentation Lighting (totally out)
	enumeration	02	documentation Window pane broken
	enumeration	03	documentation Intercom fault
	enumeration	04	documentation Public-address system (incl. WiFi) fault
	enumeration	05	documentation Seats, berths
	enumeration	06	documentation Heating, air conditioning
	enumeration	07	documentation Toilets
	enumeration	08	documentation Water supply
	enumeration	09	documentation Bar/Restaurant equipments
	enumeration	10	documentation Spotting
	enumeration	11	documentation No reservation signs in the vehicle
	enumeration	12	documentation Facilities for bike transport missing/limited
	enumeration	13	documentation PRM accessible device missing/out of order
	enumeration	99	documentation Other
source	<xs:element name="InternalFittingDefectCode" type="InternalFittingDefectCode"/>		

element **PassengerUnitRestriction/InternalFittingDefect/ActiveRestriction**

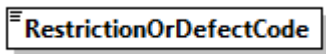
diagram	 A dashed box labeled ActiveRestriction .
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="ActiveRestriction" type="xs:boolean" minOccurs="0"/></code>

element **PassengerUnitRestriction/OtherPassengerRestrictionOrDefect**

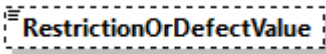
diagram	 A diagram showing the structure of the OtherPassengerRestrictionOrDefect element. It is represented by a dashed box labeled OtherPassengerRestrictionOr... with a cardinality of 0..∞ . Below the box is the text: "List of restrictions or defects referring to national rules (or multilateral agreed rules)". To the right of the box is a sequence container (a rounded rectangle with a double-headed arrow) containing four elements: RestrictionOrDefectCode , RestrictionOrDefectValue , FreeTextField (with the text "Free Text" below it), and ActiveRestriction .
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	RestrictionOrDefectCode RestrictionOrDefectValue FreeTextField ActiveRestriction
annotation	documentation List of restrictions or defects referring to national rules (or multilateral agreed rules)
source	<pre><xs:element name="OtherPassengerRestrictionOrDefect" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>List of restrictions or defects referring to national rules (or multilateral agreed rules)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RestrictionOrDefectCode"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="RestrictionOrDefectValue" type="xs:string" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> <xs:element ref="FreeTextField" minOccurs="0"/> <xs:element name="ActiveRestriction" type="xs:boolean" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PassengerUnitRestriction/OtherPassengerRestrictionOrDefect/RestrictionOrDefectCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element OtherPassengerRestrictionOrDefect									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4	
Kind	Value	Annotation								
minLength	4									
maxLength	4									
source	<pre><xs:element name="RestrictionOrDefectCode"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **PassengerUnitRestriction/OtherPassengerRestrictionOrDefect/RestrictionOrDefectValue**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
used by	element OtherPassengerRestrictionOrDefect
source	<pre> <xs:element name="RestrictionOrDefectValue" type="xs:string" minOccurs="0"/> </pre>

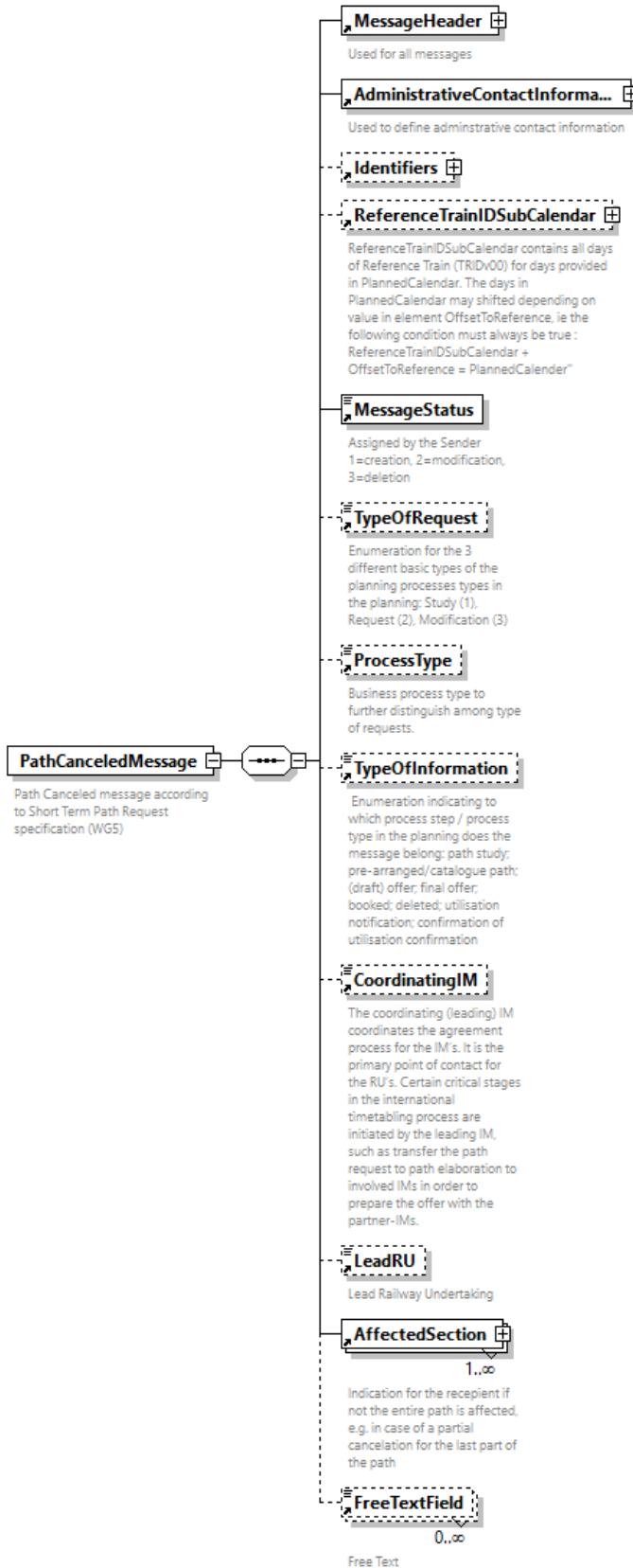
element **PassengerUnitRestriction/OtherPassengerRestrictionOrDefect/ActiveRestriction**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="ActiveRestriction" type="xs:boolean" minOccurs="0"/></code>

element **PathCanceledMessage**

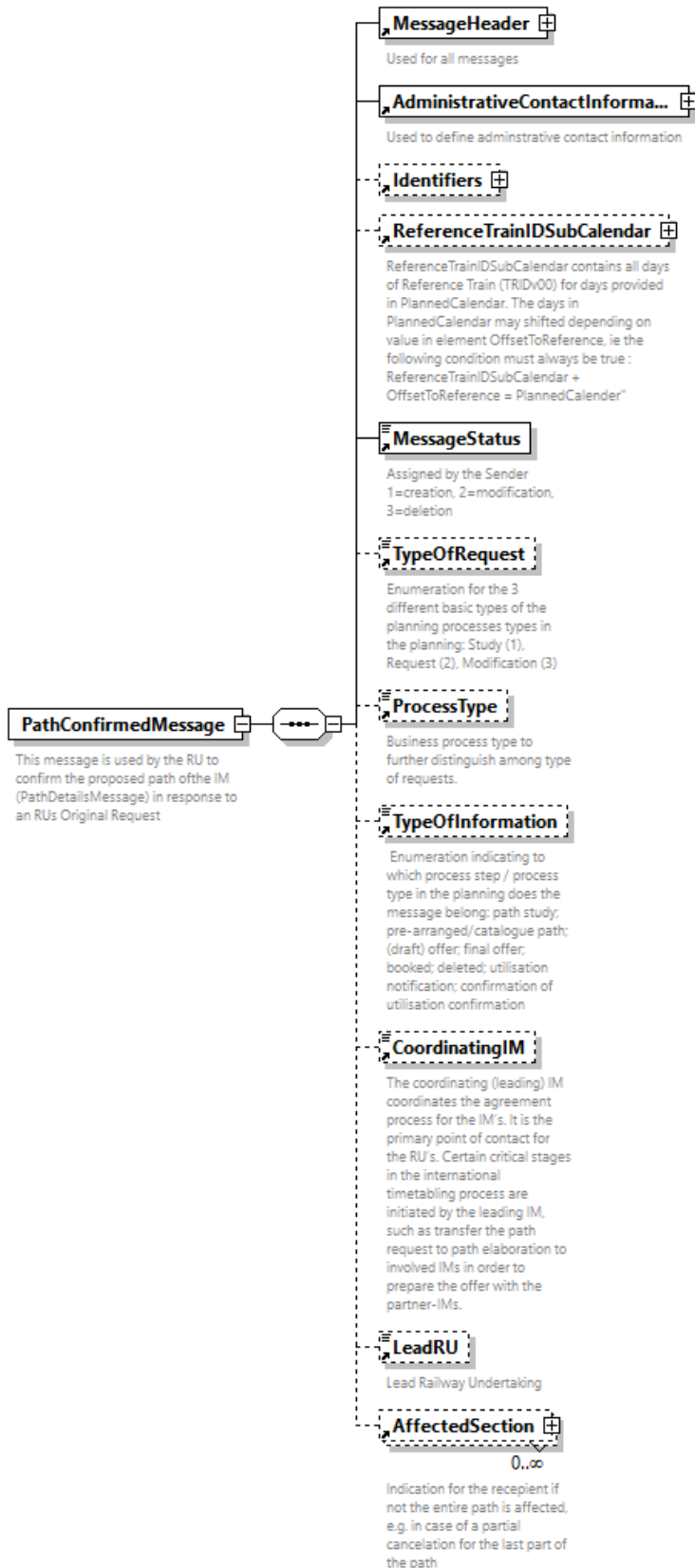
diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection FreeTextField
annotation	documentation Path Canceled message according to Short Term Path Request specification (WG5)
source	<pre> <xs:element name="PathCanceledMessage"> <xs:annotation> <xs:documentation>Path Canceled message according to Short Term Path Request specification (WG5)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" maxOccurs="unbounded"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PathConfirmedMessage**

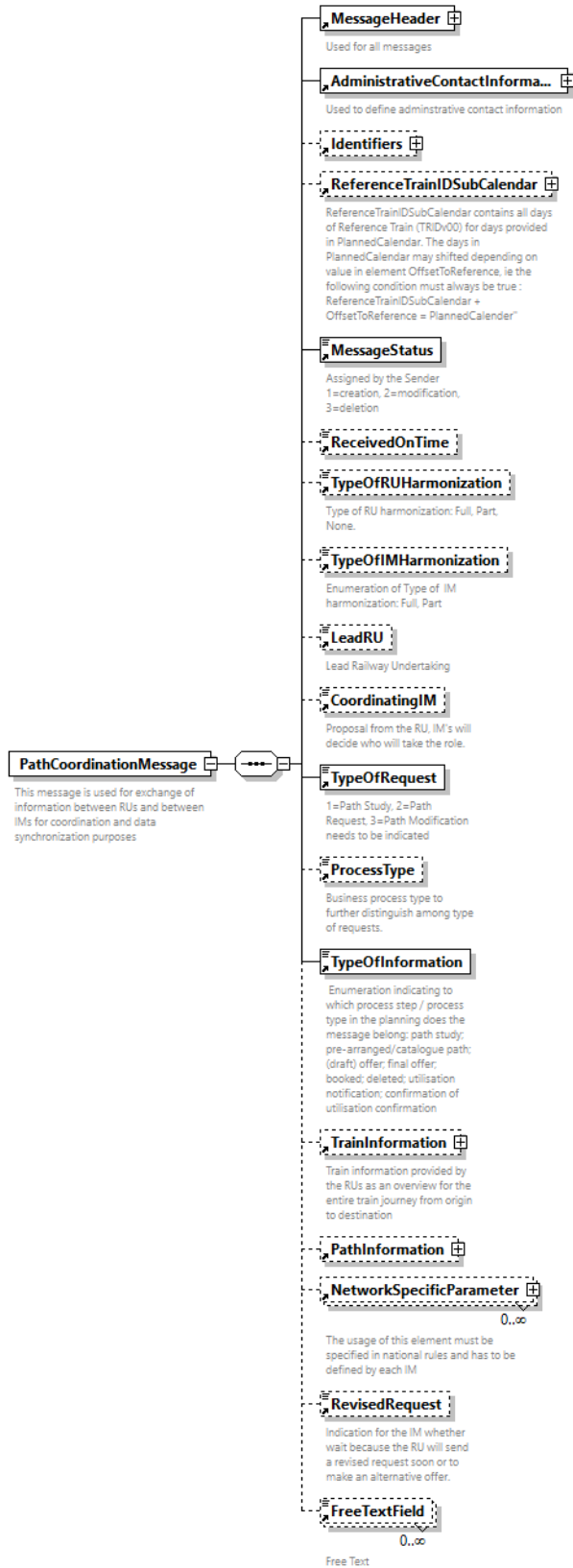
diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection
annotation	documentation This message is used by the RU to confirm the proposed path ofthe IM (PathDetailsMessage) in response to an RUs Original Request
source	<pre> <xs:element name="PathConfirmedMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to confirm the proposed path ofthe IM (PathDetailsMessage) in response to an RUs Original Request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PathCoordinationMessage**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus ReceivedOnTime TypeOfRUHarmonization TypeOfIMHarmonization LeadRU CoordinatingIM TypeOfRequest ProcessType TypeOfInformation TrainInformation PathInformation NetworkSpecificParameter RevisedRequest FreeTextField
annotation	documentation This message is used for exchange of information between RUs and between IMs for coordination and data synchronization purposes
source	<pre> <xs:element name="PathCoordinationMessage"> <xs:annotation> <xs:documentation>This message is used for exchange of information between RUs and between IMs for coordination and data synchronization purposes</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="ReceivedOnTime" minOccurs="0"/> <xs:element ref="TypeOfRUHarmonization" minOccurs="0"/> <xs:element ref="TypeOfIMHarmonization" minOccurs="0"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"> <xs:annotation> <xs:documentation>Proposal from the RU, IM's will decide who will take the role. </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TypeOfRequest"> <xs:annotation> <xs:documentation>1=Path Study, 2=Path Request, 3=Path Modification needs to be indicated</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation"/> <xs:element ref="TrainInformation" minOccurs="0"/> <xs:element ref="PathInformation" minOccurs="0"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="RevisedRequest" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </pre>

	<pre></xs:sequence> </xs:complexType> </xs:element></pre>

element **PathDetailsMessage**

diagram

PathDetailsMessage

This message is used by the IM to the RU confirming details of the path in response to an RU request

MessageHeader

Used for all messages

AdministrativeContactInforma...

Used to define administrative contact information

Identifiers

ReferenceTrainIDSubCalendar

ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference. ie the following condition must always be true: ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar

MessageStatus

Assigned by the Sender
1=creation, 2=modification,
3=deletion

TypeOfRUHarmonization

Type of RU harmonization: Full, Part, None.

TypeOfIMHarmonization

Enumeration of Type of IM harmonization: Full, Part

CoordinatingIM

The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs.

LeadRU

Lead Railway Undertaking

TypeOfRequest

1 Path study
2 Path request
3 Path Modification

ProcessType

Business process type to further distinguish among type of requests.

TypeOfInformation

Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation

PathInformation

NetworkSpecificParameter

0..∞

A structured section for specific mandatory attributes for that network. This has to be checked by the applications that network section is contained in journey location only if journey location belongs to PathInformation element.

FreeTextField

0..∞

Free Text

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest ProcessType TypeOfInformation PathInformation NetworkSpecificParameter FreeTextField
annotation	documentation This message is used by the IM to the RU confirmaing details of the path in response to an RU request
source	<pre> <xs:element name="PathDetailsMessage"> <xs:annotation> <xs:documentation>This message is used by the IM to the RU confirmaing details of the path in response to an RU request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRUHarmonization" minOccurs="0"/> <xs:element ref="TypeOfIMHarmonization" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="TypeOfRequest"> <xs:annotation> <xs:documentation>1 Path study 2 Path request 3 Path Modification </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation"/> <xs:element ref="PathInformation"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>A structured section for specific mandatory attributes for that network. This has to be checked by the applications that network section is contained in journey location only if journey location belongs to PathInformation element </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PathDetailsRefusedMessage**

diagram

PathDetailsRefusedMessage

This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable

MessageHeader

Used for all messages

AdministrativeContactInforma...

Used to define administrative contact information

Identifiers

ReferenceTrainIDSubCalendar

ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true :
ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar"

MessageStatus

Assigned by the Sender
1=creation, 2=modification,
3=deletion

TypeOfRequest

Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)

ProcessType

Business process type to further distinguish among type of requests.

TypeOfInformation

Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation

CoordinatingIM

The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs.

LeadRU

Lead Railway Undertaking

RevisedRequest

Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.

AffectedSection

0..∞

Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path

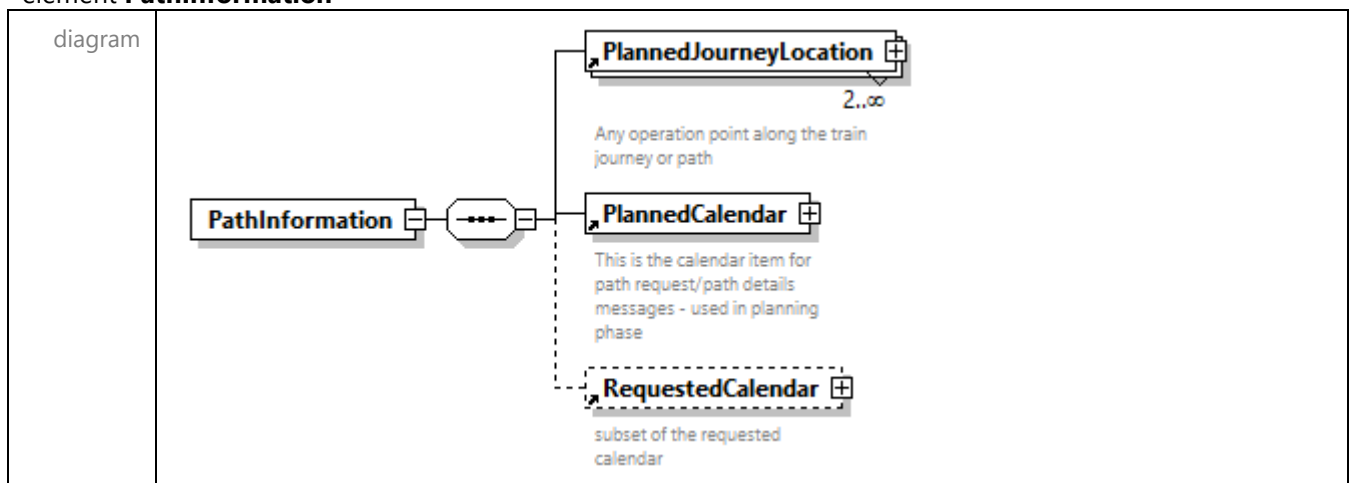
FreeTextfield

0..∞

Free Text

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU RevisedRequest AffectedSection FreeTextField
annotation	documentation This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable
source	<pre> <xs:element name="PathDetailsRefusedMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="RevisedRequest" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PathInformation**

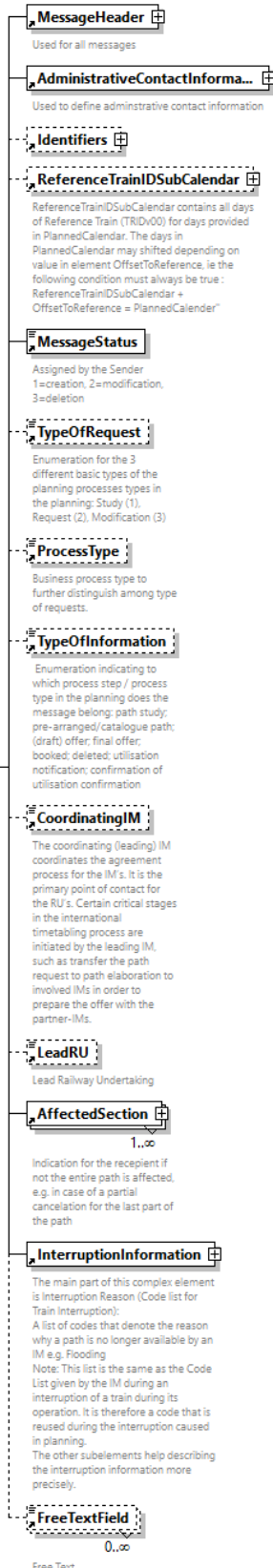


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	PlannedJourneyLocation PlannedCalendar RequestedCalendar
used by	elements UpdateLinkMessage/Operation PathCoordinationMessage PathDetailsMessage ObjectInfoMessage/TrainInformationExtended/PathInformationExtended ObjectInfoMessage/PathInformationExtended PathRequestMessage complexType PathType
source	<pre> <xs:element name="PathInformation"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"/> <xs:element ref="PlannedCalendar"/> <xs:element ref="RequestedCalendar" minOccurs="0"> <xs:annotation> <xs:documentation>subset of the requested calendar</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PathNotAvailableMessage**

diagram

PathNotAvailableMessage
Path Not Available message according
to Short Term Path Request specification
(WGS)



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection InterruptionInformation FreeTextField
annotation	documentation Path Not Available message according to Short Term Path Request specification (WG5)
source	<pre> <xs:element name="PathNotAvailableMessage"> <xs:annotation> <xs:documentation>Path Not Available message according to Short Term Path Request specification (WG5) </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" maxOccurs="unbounded"/> <xs:element ref="InterruptionInformation"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PathRequestMessage**

diagram

PathRequestMessage

This message serves to request a train path. The message is sent from the RU to each IM involved.

MessageHeader

Used for all messages

AdministrativeContactInforma...

Used to define administrative contact information

Identifiers

ReferenceTrainIDSubCalendar

ReferenceTrainIDSubCalendar contains all days of Reference Train (TRiDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true :
ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar

MessageStatus

Assigned by the Sender
1=creation, 2=modification,
3=deletion

TypeOfRUHarmonization

Type of RU harmonization: Full, Part, None.

TypeOfIMHarmonization

Enumeration of Type of IM harmonization: Full, Part

CoordinatingIM

Proposal from the RU, IM's will decide who will take the role.

LeadRU

Lead Railway Undertaking

TypeOfRequest

- 1 Path study
- 2 Path request
- 3 Path Modification

ProcessType

Business process type to further distinguish among type of requests.

TypeOfInformation

Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation

TrainInformation

Train Information provided by the RUs as an overview for the whole train journey from origin to destination

PathInformation

Information provided by the RU for a requested journey section or by the IM for an offered/booked of the Path section

NetworkSpecificParameter

0..∞

A structured section for specific mandatory attributes for that network. This has to be checked by the applications that network section is contained in journey location only if journey location belongs to PathInformation element

FreeTextField

0..∞

Free Text

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest ProcessType TypeOfInformation TrainInformation PathInformation NetworkSpecificParameter FreeTextField
annotation	documentation This message serves to request a train path. The message is sent from the RU to each IM involved.
source	<pre> <xs:element name="PathRequestMessage"> <xs:annotation> <xs:documentation>This message serves to request a train path. The message is sent from the RU to each IM involved.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRUHarmonization" minOccurs="0"/> <xs:element ref="TypeOfIMHarmonization" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"> <xs:annotation> <xs:documentation>Proposal from the RU, IM's will decide who will take the role.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="TypeOfRequest"> <xs:annotation> <xs:documentation>1 Path study 2 Path request 3 Path Modification </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation"/> <xs:element ref="TrainInformation"> <xs:annotation> <xs:documentation>Train Information provided by the RUs as an overview for the whole train journey from origin to destination</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="PathInformation"> <xs:annotation> <xs:documentation>Information provided by the RU for a requested journey section or by the IM for an offered/booked of the Path section</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="NetworkSpecificParameter" minOccurs="0" </pre>

	<pre>maxOccurs="unbounded"> <xs:annotation> <xs:documentation>A structured section for specific mandatory attributes for that network. This has to be checked by the applications that network section is contained in journey location only if journey location belongs to PathInformation element </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **PathSectionNotificationMessage**

diagram

PathSectionNotificationMessage

This message is used for notification about the usage of path sections during the planning and operational phase for coordination and data synchronization purposes between RUs and IMs

MessageHeader

Used for all messages

AdministrativeContactInforma...

Used to define administrative contact information

Identifiers

MessageStatus

Assigned by the Sender
1=creation, 2=modification,
3=deletion

TypeOfRequest

Enumeration for the 3
different basic types of the
planning processes types in
the planning: Study (1),
Request (2), Modification (3)

ProcessType

Business process type to
further distinguish among type
of requests.

TypeOfInformation

Enumeration indicating to
which process step / process
type in the planning does the
message belong: path study;
pre-arranged/catalogue path;
(draft) offer; final offer;
booked; deleted; utilisation
notification; confirmation of
utilisation confirmation

LeadRU

Lead Railway Undertaking

CoordinatingIM

Proposal from the RU, IM's will
decide who will take the role.

TypeOfIMHarmonization

Enumeration of Type of IM
harmonization: Full, Part

TypeOfRUHarmonization

Type of RU harmonization: Full, Part,
None.

NetworkSpecificParameter

0..∞

The usage of this element must be
specified in national rules and has to be
defined by each IM

AffectedSection

1..∞

Indication for the recipient if
not the entire path is affected,
e.g. in case of a partial
cancellation for the last part of
the path

InterruptionInformation

The main part of this complex element
is Interruption Reason (Code list for
Train Interruption):
A list of codes that denote the reason
why a path is no longer available by an
IM e.g. Flooding
Note: This list is the same as the Code
List given by the IM during an
interruption of a train during its
operation. It is therefore a code that is
reused during the interruption caused
in planning.
The other subelements help describing
the interruption information more
precisely.

FreeTextField

0..∞

Free Text

ScheduledDateTimeAtTransfer

The referenced date and time of arrival or exit
at the border between two different IMs

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers MessageStatus TypeOfRequest ProcessType TypeOfInformation LeadRU CoordinatingIM TypeOfIMHarmonization TypeOfRUHarmonization NetworkSpecificParameter AffectedSection InterruptionInformation FreeTextField ScheduledDateTimeAtTransfer
annotation	documentation This message is used for notification about the usage of path sections during the planning and operational phase for coordination and data synchronization purposes between RUs and IMs
source	<pre> <xs:element name="PathSectionNotificationMessage"> <xs:annotation> <xs:documentation>This message is used for notification about the usage of path sections during the planning and operational phase for coordination and data synchronization purposes between RUs and IMs</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"> <xs:annotation> <xs:documentation>Proposal from the RU, IM's will decide who will take the role. </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TypeOfIMHarmonization" minOccurs="0"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TypeOfRUHarmonization" minOccurs="0"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="AffectedSection" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Indication for the receipient if not the entire path is affected, e.g. in case of a partial cancelation for the last part of the path</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="InterruptionInformation" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/> </xs:sequence> </pre>

	<code></xs:complexType></code> <code></xs:element></code>

element **PermittedTolerance**

diagram	≡ PermittedTolerance Permitted tolerance after date of overhaul (in months)									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99									
annotation	documentation Permitted tolerance after date of overhaul (in months)									
source	<pre><xs:element name="PermittedTolerance"> <xs:annotation> <xs:documentation>Permitted tolerance after date of overhaul (in months)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **PhoneNumber**

diagram	☰ PhoneNumber Generic Phone number in Free text									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CommunicationRefID									
properties	content simple									
used by	elements AdministrativeContactInformation Contacts									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>70</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									

annotation	documentation Generic Phone number in Free text
source	<pre><xs:element name="PhoneNumber" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Generic Phone number in Free text</xs:documentation> </xs:annotation> </xs:element></pre>

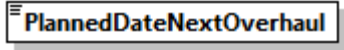
element **PickupTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation The date and time of the release of a wagon at customer sidings
source	<pre><xs:element name="PickupTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The date and time of the release of a wagon at customer sidings</xs:documentation> </xs:annotation> </xs:element></pre>

element **PlannedCalendar**

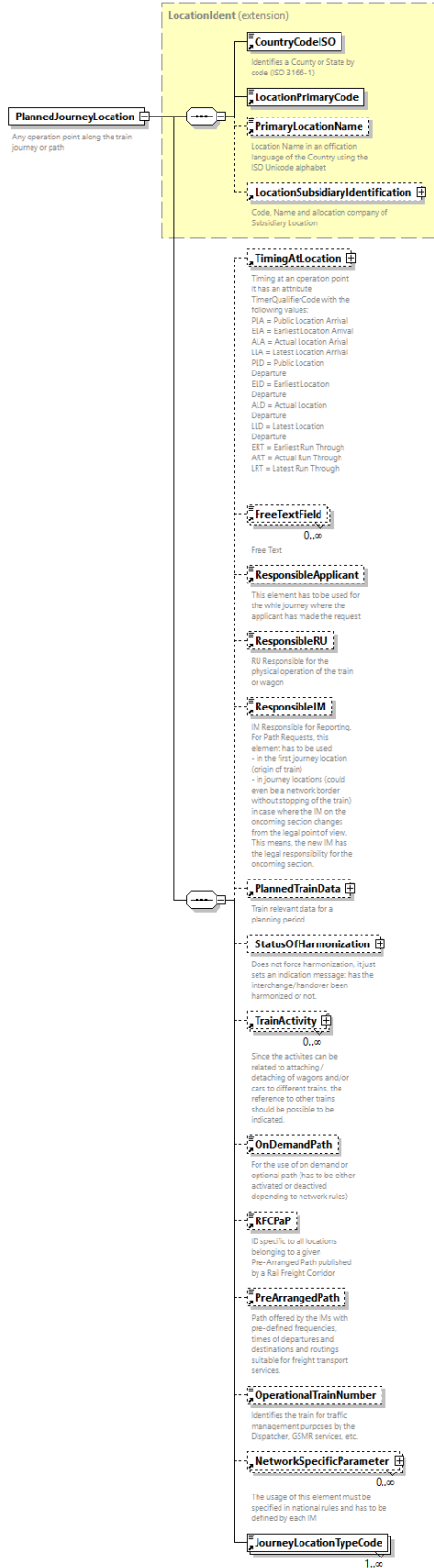
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	BitmapDays ValidityPeriod OffsetToReference
used by	elements AffectedSection PassengerJourneySectionOrigin PassengerJourneySection/PassengerJourneySectionOrigin PathInformation TrainInformation complexTypees PeriodicalContinuousType PlannedCalendarExtendedType TemporalExpansionType
annotation	documentation This is the calendar item for path request/path details messages - used in planning phase
source	<pre> <xs:element name="PlannedCalendar"> <xs:annotation> <xs:documentation>This is the calendar item for path request/path details messages - used in planning phase</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BitmapDays" minOccurs="0"/> <xs:element ref="ValidityPeriod"/> <xs:element ref="OffsetToReference" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PlannedDateNextOverhaul**

diagram	 Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
used by	element RollingStockDataset/DesignDataSet
annotation	documentation Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper.
source	<pre> <xs:element name="PlannedDateNextOverhaul" type="xs:date"> <xs:annotation> <xs:documentation> Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper. </xs:documentation> </xs:annotation> </xs:element> </pre>

element **PlannedJourneyLocation**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification TimingAtLocation FreeTextField ResponsibleApplicant ResponsibleRU ResponsibleIM PlannedTrainData StatusOfHarmonization TrainActivity OnDemandPath RFCPaP PreArrangedPath OperationalTrainNumber NetworkSpecificParameter JourneyLocationTypeCode
used by	elements PathInformation TrainInformation
annotation	documentation Any operation point along the train journey or path
source	<pre> <xs:element name="PlannedJourneyLocation"> <xs:annotation> <xs:documentation>Any operation point along the train journey or path</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="1"> <xs:element ref="TimingAtLocation" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="ResponsibleApplicant" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="ResponsibleIM" minOccurs="0"/> <xs:element ref="PlannedTrainData" minOccurs="0"/> <xs:element name="StatusOfHarmonization" minOccurs="0"> <xs:annotation> <xs:documentation>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

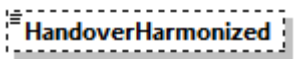
	<pre> </xs:element> <xs:element ref="TrainActivity" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OnDemandPath" minOccurs="0"/> <xs:element ref="RFCPaP" minOccurs="0"/> <xs:element ref="PreArrangedPath" minOccurs="0"/> <xs:element ref="OperationalTrainNumber" minOccurs="0"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="JourneyLocationTypeCode" minOccurs="1" maxOccurs="unbounded"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **PlannedJourneyLocation/StatusOfHarmonization**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	HandoverHarmonized InterchangeHarmonized
annotation	documentation Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.
source	<pre> <xs:element name="StatusOfHarmonization" minOccurs="0"> <xs:annotation> <xs:documentation>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</xs:documentation> </xs:annotation> </pre>

	<pre> </xs:element> <xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PlannedJourneyLocation/StatusOfHarmonization/HandoverHarmonized**

diagram	 IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.
source	<pre> <xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **PlannedJourneyLocation/StatusOfHarmonization/InterchangeHarmonized**

diagram	 RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1

	content simple
annotation	documentation RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications
source	<pre><xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</xs:documentation> </xs:annotation> </xs:element></pre>

element **PlannedSpeed**

diagram	PlannedSpeed IM may inform the RA of the recommended speed which was the basis for path construction. Adjusting the speed to the situation remains the responsibility of the operating RU.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Speed									
properties	content simple									
used by	elements PlannedTrainTechnicalData TechnicalParameters									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>001</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation IM may inform the RA of the recommended speed which was the basis for path construction. Adjusting the speed to the situation remains the responsibility of the operating RU.									
source	<pre><xs:element name="PlannedSpeed" type="Speed"> <xs:annotation> <xs:documentation>IM may inform the RA of the recommended speed which was the basis for path construction. Adjusting the speed to the situation remains the responsibility of the operating RU.</xs:documentation> </xs:annotation> </xs:element></pre>									

element **PlannedTrainData**

diagram

PlannedTrainData

Train relevant data for a planning period

TrainType

Element TrainType defines the main purpose of the train in a fundamental way. These purposes are:
Transport of passengers
Transport of freight/goods
Transport of passengers and freight/goods
Train only for run of traction unit/locomotive
Train of the IM in case of emergency
The element is not repeatable, and it does not support any overlapping meaning.

TrafficType

Information about the type of traffic (combined, rolling highway, etc.). It is added here as a placeholder for coded values (e.g. from Merits)

PushPullTrain

Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.

TypeofService

Information about the services available on a train. Used for publication towards the passenger

CommercialTrafficType

Commercial Brand Name of a train service based on Service Brand Coding List of TAP

PlannedTrainTechnicalData

Shows the relevant technical data for a running train

ExceptionalGaugingIdent

0..∞

Indicates that an exceptional Gauging is in the train or for the wagon

DangerousGoodsIndication

0..∞

Identifies dangerous goods

CombinedTrafficLoadProfile

This element does refer to combined load units that can be used for Freight Requests only.

There are two entry options:

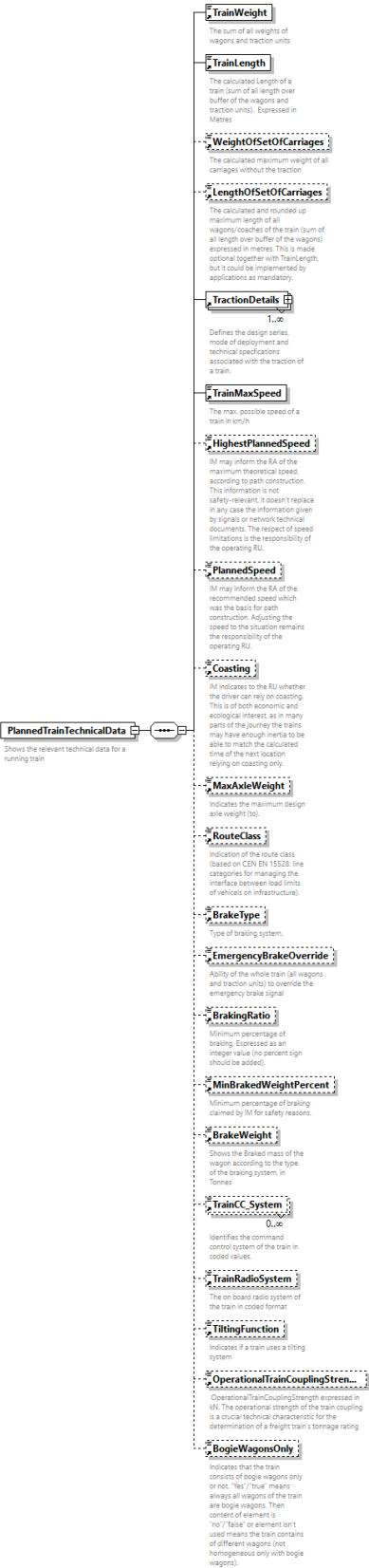
- One option refers to "P" (Semi-trailer/road semi-trailer):
- The other option refers to "C" (Swap body):

The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet.

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainType TrafficType PushPullTrain TypeofService CommercialTrafficType PlannedTrainTechnicalData ExceptionalGaugingIdent DangerousGoodsIndication CombinedTrafficLoadProfile
used by	element PlannedJourneyLocation complexType CapacityProductSearchCriteria
annotation	documentation Train relevant data for a planning period
source	<pre> <xs:element name="PlannedTrainData"> <xs:annotation> <xs:documentation>Train relevant data for a planning period</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainType" minOccurs="0"/> <xs:element ref="TrafficType" minOccurs="0"/> <xs:element ref="PushPullTrain" minOccurs="0"/> <xs:element ref="TypeofService" minOccurs="0"/> <!-- type of tap codelist is here referenced internally. This is the difference to the official ERA schema --> <xs:element ref="CommercialTrafficType" minOccurs="0"/> <xs:element ref="PlannedTrainTechnicalData"/> <xs:element ref="ExceptionalGaugingIdent" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="CombinedTrafficLoadProfile" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PlannedTrainTechnicalData**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainWeight TrainLength WeightOfSetOfCarriages LengthOfSetOfCarriages TractionDetails TrainMaxSpeed HighestPlannedSpeed PlannedSpeed Coasting MaxAxleWeight RouteClass BrakeType EmergencyBrakeOverride BrakingRatio MinBrakedWeightPercent BrakeWeight TrainCC System TrainRadioSystem TiltingFunction OperationalTrainCouplingStrength BogieWagonsOnly
used by	element PlannedTrainData
annotation	documentation Shows the relevant technical data for a running train
source	<pre> <xs:element name="PlannedTrainTechnicalData"> <xs:annotation> <xs:documentation>Shows the relevant technical data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainWeight"/> <xs:element ref="TrainLength"/> <xs:element ref="WeightOfSetOfCarriages" minOccurs="0"/> <xs:element ref="LengthOfSetOfCarriages" minOccurs="0"/> <xs:element ref="TractionDetails" maxOccurs="unbounded"/> <xs:element ref="TrainMaxSpeed"/> <xs:element ref="HighestPlannedSpeed" minOccurs="0"/> <xs:element ref="PlannedSpeed" minOccurs="0"/> <xs:element ref="Coasting" minOccurs="0"/> <xs:element ref="MaxAxleWeight" minOccurs="0"/> <xs:element ref="RouteClass" minOccurs="0"> <xs:annotation> <xs:documentation>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure).</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="EmergencyBrakeOverride" minOccurs="0"/> <xs:element ref="BrakingRatio" minOccurs="0"/> <xs:element ref="MinBrakedWeightPercent" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TrainRadioSystem" minOccurs="0"/> <xs:element ref="TiltingFunction" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates if a train uses a tilting system</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="OperationalTrainCouplingStrength" minOccurs="0"/> <xs:element ref="BogieWagonsOnly" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PlannedTransportIdentifiers**

diagram	PlannedTransportIdentifiers CompositIdentifierPlannedType ObjectType Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) and TCR(TC) Company Identifies a railway company (RU or IM) Core It is the main part of identifier and is determent by the company that creates it. Variant The variant shows a relationship between two identifiers referring to the same business case TimetableYear Refers to the timetable period in which the business will be carried out StartDate The start of the date/time in effect
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements AssociatedTrain ErrorMessage Identifiers CapacityModelSearchCriteria/IDSearch CapacityProductSearchCriteria/IDSearch PassengerTrainCompositionMessage complexType PathType
source	<pre><xs:element name="PlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/></pre>

element **PostalCode**

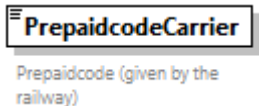
diagram	PostalCode The postal code for the postal address									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>10</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
annotation	documentation The postal code for the postal address									
source	<pre><xs:element name="PostalCode"> <xs:annotation> <xs:documentation>The postal code for the postal address</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **PreArrangedPath**

diagram	</

source	<pre> <xs:element name="PreArrangedPath"> <xs:annotation> <xs:documentation>Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **PrepaidcodeCarrier**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	element	ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions	
facets	Kind	Value	Annotation
	enumeration	10	documentation prepaid freight
	enumeration	11	documentation prepaid freight including...
	enumeration	12	documentation prepaid freight including...up to border of origin country
	enumeration	13	documentation prepaid freight including...up to exit border of last transit country
	enumeration	14	documentation prepaid freight including...up to exit border of other countries
	enumeration	15	documentation prepaid freight up to border of origin country
	enumeration	16	documentation prepaid freight up to exit border of last transit country
	enumeration	17	documentation prepaid freight up to exit border of other countries
	enumeration	20	documentation prepaid all costs
	enumeration	42	documentation Free carrier
	enumeration	43	documentation Carriage paid to...
	enumeration	44	documentation Delivered duty unpaid
	enumeration	45	documentation

	enumeration 46 Carriage insurance paid documentation Delivered at terminal enumeration 47 documentation Delivered at place enumeration 90 documentation not prepaid
annotation	documentation Prepaidcode (given by the railway)
source	<pre> <xs:element name="PrepaidcodeCarrier"> <xs:annotation> <xs:documentation>Prepaidcode (given by the railway)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>prepaid freight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>prepaid freight including... </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>prepaid freight including...up to border of origin country</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>prepaid freight including...up to exit border of last transit country </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>prepaid freight including...up to exit border of other countries </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>prepaid freight up to border of origin country </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>prepaid freight up to exit border of last transit country</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>prepaid freight up to exit border of other countries
  </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
  <xs:annotation>
    <xs:documentation>prepaid all costs</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="42">
  <xs:annotation>
    <xs:documentation>Free carrier </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="43">
  <xs:annotation>
    <xs:documentation>Carriage paid to...</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="44">
  <xs:annotation>
    <xs:documentation>Delivered duty unpaid</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="45">
  <xs:annotation>
    <xs:documentation>Carriage insurance paid </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="46">
  <xs:annotation>
    <xs:documentation>Delivered at terminal</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="47">
  <xs:annotation>
    <xs:documentation>Delivered at place</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="90">
  <xs:annotation>
    <xs:documentation>not prepaid</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **PrepaidCodeCustomer**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
used by	element ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PrepaymentCustomer		
facets	Kind	Value	Annotation
	enumeration	10	documentation prepaid freight
	enumeration	11	documentation prepaid freight including...
	enumeration	12	documentation prepaid freight including...up to border of origin country
	enumeration	13	documentation prepaid freight including...up to exit border of last transit country
	enumeration	14	documentation prepaid freight including...up to exit border of other countries
	enumeration	15	documentation prepaid freight up to border of origin country
	enumeration	16	documentation prepaid freight up to exit border of last transit country
	enumeration	17	documentation prepaid freight up to exit border of other countries
	enumeration	20	documentation prepaid all costs
	enumeration	42	documentation Free carrier
	enumeration	43	documentation Carriage paid to...
	enumeration	44	documentation Delivered duty unpaid
	enumeration	45	documentation Carriage insurance paid
	enumeration	46	documentation Delivered at terminal
	enumeration	47	documentation Delivered at place
	enumeration	90	documentation not prepaid
annotation	documentation Prepaidcode (given by the customer)		
source	<pre><xs:element name="PrepaidCodeCustomer"> <xs:annotation> <xs:documentation>Prepaidcode (given by the customer)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"></pre>		

```

<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>prepaid freight</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>prepaid freight including... </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>prepaid freight including...up to border of origin
country</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>prepaid freight including...up to exit border of last
transit country </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>prepaid freight including...up to exit border of other
countries </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>prepaid freight up to border of origin country
</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>prepaid freight up to exit border of last transit
country</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>prepaid freight up to exit border of other countries
</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
  <xs:annotation>
    <xs:documentation>prepaid all costs</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="42">
  <xs:annotation>
    <xs:documentation>Free carrier </xs:documentation>
  </xs:annotation>

```

	<pre> </xs:enumeration> <xs:enumeration value="43"> <xs:annotation> <xs:documentation>Carriage paid to...</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="44"> <xs:annotation> <xs:documentation>Delivered duty unpaid</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="45"> <xs:annotation> <xs:documentation>Carriage insurance paid </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="46"> <xs:annotation> <xs:documentation>Delivered at terminal</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="47"> <xs:annotation> <xs:documentation>Delivered at place</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="90"> <xs:annotation> <xs:documentation>not prepaid</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **PreviousConsignmentNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ConsignmentIdent
properties	content complex
annotation	documentation This element shows the previous Reference number assigned to a consignment by a lead RU
source	<pre> <xs:element name="PreviousConsignmentNumber" type="ConsignmentIdent"> <xs:annotation> <xs:documentation>This element shows the previous Reference number assigned to a consignment by a lead RU</xs:documentation> </pre>

	<pre> </xs:annotation> </xs:element> </pre>

element **PreviousResponsibleRU**

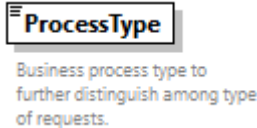
diagram	PreviousResponsibleRU This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point												
source	<pre><xs:element name="PreviousResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point</xs:documentation> </xs:annotation> </xs:element></pre>												

element **PrimaryLocationName**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	FreeText		
properties	content	simple	
used by	elements	BorderPoint ILU CommercialForwardingData/CommercialDestination CommercialDestinationOfWagon WagonDataHERMES/Consignmentdata/CommercialForwardingData ILU CommercialForwardingData/CommercialOrigin CustomsClearingPoint DeliveryLocation WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation IntermediateHandling LastTrainFormationLocation OperationalDestinationOfWagon WagonDataHERMES/Consignmentdata/OperationalOriginOfWagon	

	SpecialInterchangeLocation TrainDestination TrainOrigin complexType LocationIdent
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Location Name in an offication language of the Country using the ISO Unicode alphabet
source	<pre><xs:element name="PrimaryLocationName" type="FreeText"> <xs:annotation> <xs:documentation>Location Name in an offication language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre>

element **ProcessType**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	elements	CapacityModelMessage ObjectInfoMessage PathCanceledMessage PathConfirmedMessage PathCoordinationMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PathSectionNotificationMessage	
facets	Kind	Value	Annotation
	enumeration	0	documentation New Path Request and allocation process for annual timetable
	enumeration	1	documentation Late Path Request and allocation process for annual timetable
	enumeration	2	documentation Ad hoc path request and allocation process
	enumeration	3	documentation Rolling Planning path request and allocation process
	enumeration	4	documentation Feasibility Study process
	enumeration	5	documentation Path Modification process (triggered by applicant)
	enumeration	6	documentation Path Alteration process (triggered by IM)
	enumeration	7	documentation Pre-arranged Path publication by RFC
	enumeration	8	documentation Catalogue Path publication by IM
	enumeration	10	documentation Path Cancellation process
	enumeration	11	documentation

	enumeration 12 Path Utilisation notification process documentation Path Optimization process
annotation	documentation Business process type to further distinguish among type of requests.
source	<pre> <xs:element name="ProcessType"> <xs:annotation> <xs:documentation>Business process type to further distinguish among type of requests.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>New Path Request and allocation process for annual timetable</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Late Path Request and allocation process for annual timetable</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Ad hoc path request and allocation process</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Rolling Planning path request and allocation process</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Feasibility Study process</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Path Modification process (triggered by applicant)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>Path Alteration process (triggered by IM)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> </pre>

	<pre> <xs:annotation> <xs:documentation>Pre-arranged Path publication by RFC</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>Catalogue Path publication by IM</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Path Cancellation process</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Path Utilisation notification process</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Path Optimization process</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ProductionStation**

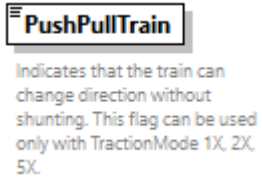
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location RP_Code
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint
annotation	documentation Details of production station serving the point, this element is used if the productional station differs from the commercial station
source	<pre> <xs:element name="ProductionStation"> <xs:annotation> </pre>

	<pre> <xs:documentation>Details of production station serving the point, this element is used if the productional station differs from the commercial station</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="RP_Code" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ProfileNumber**

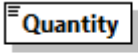
diagram	ProfileNumber Profile number						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:short						
properties	content simple						
used by	element ExceptionalGaugingInfo						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	4	
Kind	Value	Annotation					
totalDigits	4						
annotation	documentation Profile number						
source	<pre><xs:element name="ProfileNumber"> <xs:annotation> <xs:documentation>Profile number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:totalDigits value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **PushPullTrain**

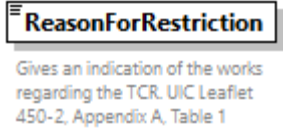
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean

properties	content simple
used by	elements GeneralParameters PassengerTrainData PlannedTrainData
annotation	documentation Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.
source	<pre><xs:element name="PushPullTrain" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.</xs:documentation> </xs:annotation> </xs:element></pre>

element **Quantity**

diagram	 Amount of the loading tackles of the specified type.		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:int		
properties	content	simple	
used by	elements	ConsignmentOrderMessage/COMS/COM/AttachedDocuments LoadingTackles	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
annotation	documentation Amount of the loading tackles of the specified type.		
source	<pre><xs:element name="Quantity"> <xs:annotation> <xs:documentation>Amount of the loading tackles of the specified type.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **ReasonForRestriction**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
used by	element	TCRSearchCriteria/ReasonForRestrictionSearch	
	complexType	TCRType	
facets	Kind	Value	Annotation
	enumeration	10	documentation Timetable compilation
	enumeration	11	documentation Formation of train by Infrastructure Manager
	enumeration	12	documentation Mistakes in operational procedures
	enumeration	13	documentation Wrong application of priority rules
	enumeration	18	documentation Staff
	enumeration	19	documentation Other causes related to the operational planning and management
	enumeration	20	documentation Signaling installations
	enumeration	21	documentation Signaling installations at level crossings
	enumeration	22	documentation Telecommunication installations
	enumeration	23	documentation Power supply equipment
	enumeration	24	documentation Track
	enumeration	25	documentation Structures
	enumeration	28	documentation Staff
	enumeration	29	documentation Other causes related to infrastructure installations
	enumeration	30	documentation Planned construction work
	enumeration	31	documentation Irregularities in execution of construction work
	enumeration	32	documentation Speed restriction due to defective track
	enumeration	39	documentation Other causes related to Civil engineering
	enumeration	40	documentation Delay caused by next IM
	enumeration	41	documentation

	enumeration	50	Delay caused by previous IM documentation
	enumeration	51	Exceeding the stop time documentation
	enumeration	52	Request of the RU documentation
	enumeration	53	Loading operations documentation
	enumeration	54	Loading irregularities documentation
	enumeration	58	Commercial preparation of train documentation
	enumeration	59	Staff documentation
	enumeration	60	Other causes related to commercial causes documentation
	enumeration	61	Roster planning/re-rostering documentation
	enumeration	62	Formation of train by Railway undertaking documentation
	enumeration	63	Problem affecting coaches (passenger transport) documentation
	enumeration	64	Problem affecting wagons (freight transport) documentation
	enumeration	69	Problem affecting power cars, locomotives and railcars documentation
	enumeration	70	Other causes related to Rolling Stock documentation
	enumeration	71	Delay caused by next RU documentation
	enumeration	80	Delay caused b previous RU documentation
	enumeration	81	Strike documentation
	enumeration	82	Administrative formalities documentation
	enumeration	83	Outside influence documentation
	enumeration	84	Effects of weather and natural causes documentation
	enumeration	89	Delay caused by external reasons on the next network documentation
	enumeration	90	Other external causes documentation
	enumeration	91	Dangerous incidents, accidents and hazards documentation
	enumeration	92	Track occupation caused by the lateness of the same train documentation
	enumeration	93	Track occupation caused by the lateness of another train documentation
	enumeration	94	Turn round documentation
	enumeration	95	Connection documentation

	Further investigation needed
annotation	documentation Gives an indication of the works regarding the TCR. UIC Leaflet 450-2, Appendix A, Table 1
source	<pre> <xs:element name="ReasonForRestriction"> <xs:annotation> <xs:documentation>Gives an indication of the works regarding the TCR. UIC Leaflet 450-2, Appendix A, Table 1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Timetable compilation</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Formation of train by Infrastructure Manager</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Mistakes in operational procedures</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Wrong application of priority rules</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>Staff</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="19"> <xs:annotation> <xs:documentation>Other causes related to the operational planning and management</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="20"> <xs:annotation> <xs:documentation>Signaling installations</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="21"> <xs:annotation> <xs:documentation>Signaling installations at level crossings</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

</xs:enumeration>
<xs:enumeration value="22">
  <xs:annotation>
    <xs:documentation>Telecommunication installations</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="23">
  <xs:annotation>
    <xs:documentation>Power supply equipment</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Track</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
  <xs:annotation>
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  </xs:annotation>
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  <xs:annotation>
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  </xs:annotation>
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work</xs:documentation>
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track</xs:documentation>
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engineering</xs:documentation>
  </xs:annotation>
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```

```

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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="41">
  <xs:annotation>
    <xs:documentation>Delay caused by previous IM</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
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  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
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  </xs:annotation>
</xs:enumeration>
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undertaking</xs:documentation>
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railcars</xs:documentation>
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```

```

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train</xs:documentation>
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</xs:element>

```


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content	simple	
used by	element	Identifiers	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	enumeration	1000	documentation Same path offer is desired as for stated PathRequestMessage
	enumeration	1001	documentation Same path is desired as for stated train/path
	enumeration	1002	documentation Full replacement of stated previous path
	enumeration	1003	documentation Partial replacement of stated previous path
	enumeration	1004	documentation Reference to sub train of Y-train bundle
	enumeration	1005	documentation Reference to main train of Y-train bundle
	enumeration	1006	documentation Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area
	enumeration	1007	documentation Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area
	enumeration	1008	documentation Reference to further path offer for the PathRequestMessage
	enumeration	1009	documentation Reference to booked path before interruption by railway replacement traffic by bus
	enumeration	1010	documentation Reference to a PreArrangedPath
	enumeration	1011	documentation Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed
	enumeration	1012	documentation New final offer to former draft offer
	enumeration	1013	documentation Replaced path after modification by ResponsibleApplicant
	enumeration	1014	documentation New Route
	enumeration	1015	documentation Updated Route
	enumeration	1016	documentation Reference to a related path request initially submitted to Pre-booking
	enumeration	1017	documentation Reference to another pathrequest/path(offer) after the closure
	enumeration	1018	documentation Reference to another pathrequest/path(offer) before the closure
	enumeration	5001	documentation Reference to another object on the basis of incident management in operations

	enumeration DE01 phase documentation Reference to an associated empty/transfer train enumeration DE02 documentation Reference to an associated main run enumeration DE03 documentation Notice stated PathRequestMessage enumeration DE04 documentation Replacement of stated train enumeration DE05 documentation Reference to a reserved capacity enumeration DE06 documentation Use of same OTN as of stated train enumeration DE07 documentation PathID from a framework contract
annotation	documentation Indicates the reason/purpose of usage of element RelatedPlannedTransportIdentifier. List of codes for element ReasonOfReference: 1000 = Same path offer is desired as for stated PathRequestMessage (Additional information: For a train requested with more than one PathRequestMessage (all with different bitmapdays) the same (or nearly the same) routing and timing at location in path offers for all PathRequestMessages (PathRequestIDs) is desired by Responsible Applicant (if it is possible). RPTID: All others PathRequestIDs). 1001 = Same path is desired as for stated train/path (Additional information: For that path request the same (or nearly the same) routing/path elaboration/offer is desired by Responsible Applicant (if it is possible) as for stated train/path (may be in a previous period). RPTID: TrainID or PathID). 1002 = Full replacement of stated previous path (Additional information: The current path given in PathDetailsMessage will replace the stated path fully after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM. Calendar of previous path and offered path contain the same dates. The previous path doesn't exist anymore. RPTID: PathID). 1003 = Partial replacement of stated previous path (Additional information: The current path given in PathDetailsMessage will replace the stated path partially after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM only for a part of the previous calendar/traffic days. Calendar of offered path is only part of the calendar of former and changed path. The calendar of the previous path has to changed (less days and shorter validity period) after confirmation of the offered path. RPTID: PathID). 1004 = Reference to sub train of Y-train bundle (Additional information: The current PathRequestMessage contains the main train of a Y-train bundle; the TrainID stated in RPTID is for the sub train which will be joined with or splitted of the main train.) 1005 = Reference to main train of Y-train bundle (Additional information: The current PathRequestMessage contains the sub train of a Y-train bundle. The TrainID stated in RPTID is for the main train with which the sub train will be joined with or splitted of.) 1006 = Reference to another PathRequestMessage after interruption train's journey by a foreign

	infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists after passing a foreign infrastructure area to continue train's journey.) 1007 = Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists before passing a foreign infrastructure area.) 1008 = Reference to further path offer for the PathRequestMessage (Additional information: There are more than one path offers for the PathRequestMessage. RPTID: All other PathID's.) 1009 = Reference to booked path before interruption by railway replacement traffic by bus (Additional information: The stated train/path is continued following a railway replacement traffic with that new requested train/path. RPTID: PathID). 1010 = Reference to a PreArrangedPath (Additional information: Reference to a PathID of existing PAP, which is to be used by an annual train requested with that PRM. RPTID: PathID). 1011 = Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed (Additional information: The code is used, when a new train object has to be linked with an existing booked path for a specified validity period and no new path elaboration is needed. It is used in modification process of planning phase only instead of using UpdateLinkMessage and ObjectInfoMessage. Result: Internal path modification (reduce of validity period of calendar) for previous Path. New path with new PathID for the specified validity period. RPTID: Previous TrainID and PathID). 1012 = New final offer to former draft offer (Additional information: Reference to (old) draft offer in case of IM is making a (different) new offer (TypeOfInformation : Final offer). Code is used only in process PathRequest (annual timetable); RPTID : PathID of draft offer.) 1013 = Replaced path after modification by ResponsibleApplicant (Additional information: Reference to replaced path when IM is making an offer after receiving PathRequestMessage sent by RA for modification of booked path. Code is used only in Path Modification process in PathDetailsMessage. RPTID: PathID.) 1014 = New Route (Additional information: Reference to previous Route replaced by the new Route) 1015 = Updated Route (Additional information: Reference to the Route that is updated) 1016 = Reference to a related path request initially submitted to Pre-booking 1017 = Reference to another pathrequest/path(offer) after the closure 1018 = Reference to another pathrequest/path(offer) before the closure 5001 = Reference to another object on the basis of incident management in operations phase Specific code only for one IM/national codes: DE01 = Reference to an associated empty/transfer train (Additional information: Stated train is a related train without passengers before or behind the current requested path for a train with passengers. RPTID: TrainID.) DE02 = Reference to an associated main run (Additional information: Stated train is a related train with passengers before or behind the current requested path for a train without

	passengers. RPTID: TrainID.) DE03 = Notice stated PathRequestMessage (Additional information: For path elaboration of current PathRequestMessage the stated PathRequestMessage should be considered. RPTID: PathRequestID.) DE04 = Replacement of stated train (Additional information: Full or partial replacement of the named former train; example: Change of passenger trainset (like ICE or TGV) by set of loco and wagons in case of technical problems, delay or other reasons. It is not only change of TrainID. RPTID: TrainID.) DE05 = Reference to a reserved capacity (Additional information: This code can be used to refer to a study offer (with booking option) as a result of the KFB process (internal process for a specific product of DB Netz). RPTID: PathID.) DE06 = Use of same OTN as of stated train (Additional information: Responsible Applicant wants to use same OTN as in stated train because of all trains are part of same family. The trains have only slightly differences on various days. RPTID: TrainID.) DE07 = PathID from a framework contract
source	<pre><xs:element name="ReasonOfReference"> <xs:annotation> <xs:documentation>Indicates the reason/purpose of usage of element RelatedPlannedTransportIdentifier.</pre> List of codes for element ReasonOfReference: 1000 = Same path offer is desired as for stated PathRequestMessage (Additional information: For a train requested with more than one PathRequestMessage (all with different bitmapdays) the same (or nearly the same) routing and timing at location in path offers for all PathRequestMessages (PathRequestIDs) is desired by Responsible Applicant (if it is possible). RPTID: All others PathRequestIDs). 1001 = Same path is desired as for stated train/path (Additional information: For that path request the same (or nearly the same) routing/path elaboration/offer is desired by Responsible Applicant (if it is possible) as for stated train/path (may be in a previous period). RPTID: TrainID or PathID). 1002 = Full replacement of stated previous path (Additional information: The current path given in PathDetailsMessage will replace the stated path fully after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM. Calendar of previous path and offered path contain the same dates. The previous path doesn't exist anymore. RPTID: PathID). 1003 = Partial replacement of stated previous path (Additional information: The current path given in PathDetailsMessage will replace the stated path partially after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM only for a part of the previous calendar/traffic days. Calendar of offered path is only part of the calendar of former and changed path. The calendar of the previous path has to changed (less days and shorter validity period) after confirmation of the offered path. RPTID: PathID).

1004 = Reference to sub train of Y-train bundle
 (Additional information: The current PathRequestMessage contains the main train of a Y-train bundle; the TrainID stated in RPTID is for the sub train which will be joined with or splitted of the main train.)

1005 = Reference to main train of Y-train bundle
 (Additional information: The current PathRequestMessage contains the sub train of a Y-train bundle. The TrainID stated in RPTID is for the main train with which the sub train will be joined with or splitted of.)

1006 = Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area
 (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists after passing a foreign infrastructure area to continue train's journey.)

1007 = Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area
 (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists before passing a foreign infrastructure area.)

1008 = Reference to further path offer for the PathRequestMessage
 (Additional information: There are more than one path offers for the PathRequestMessage. RPTID: All other PathID's.)

1009 = Reference to booked path before interruption by railway replacement traffic by bus
 (Additional information: The stated train/path is continued following a railway replacement traffic with that new requested train/path. RPTID: PathID).

1010 = Reference to a PreArrangedPath
 (Additional information: Reference to a PathID of existing PAP, which is to be used by an annual train requested with that PRM. RPTID: PathID).

1011 = Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed
 (Additional information: The code is used, when a new train object has to be linked with an existing booked path for a specified validity period and no new path elaboration is needed. It is used in modification process of planning phase only instead of using UpdateLinkMessage and ObjectInfoMessage. Result: Internal path modification (reduce of validity period of calendar) for previous Path. New path with new PathID for the specified validity period. RPTID: Previous TrainID and PathID).

1012 = New final offer to former draft offer
 (Additional information: Reference to (old) draft offer in case of IM is making a (different) new offer (TypeOfInformation : Final offer).
 Code is used only in process PathRequest (annual timetable); RPTID : PathID of draft offer.)

1013 = Replaced path after modification by ResponsibleApplicant
 (Additional information: Reference to replaced path when IM is making an offer after receiving PathRequestMessage sent by RA for modification of booked path. Code is used only in Path Modification process in PathDetailsMessage. RPTID: PathID.)

1014 = New Route
 (Additional information: Reference to previous Route replaced by the new Route)

1015 = Updated Route
 (Additional information: Reference to the Route that is updated)

1016 = Reference to a related path request initially submitted to Pre-booking

1017 = Reference to another pathrequest/path(offer) after the closure

1018 = Reference to another pathrequest/path(offer) before the closure

5001 = Reference to another object on the basis of incident management in operations phase
Specific code only for one IM/national codes:

DE01 = Reference to an associated empty/transfer train

(Additional information: Stated train is a related train without passengers before or behind the current requested path for a train with passengers. RPTID: TrainID.)

DE02 = Reference to an associated main run

(Additional information: Stated train is a related train with passengers before or behind the current requested path for a train without passengers. RPTID: TrainID.)

DE03 = Notice stated PathRequestMessage

(Additional information: For path elaboration of current PathRequestMessage the stated PathRequestMessage should be considered.
RPTID: PathRequestID.)

DE04 = Replacement of stated train

(Additional information: Full or partial replacement of the named former train; example: Change of passenger trainset (like ICE or TGV) by set of loco and wagons in case of technical problems, delay or other reasons. It is not only change of TrainID. RPTID: TrainID.)

DE05 = Reference to a reserved capacity

(Additional information: This code can be used to refer to a study offer (with booking option) as a result of the KFB process (internal process for a specific product of DB Netz). RPTID: PathID.)

DE06 = Use of same OTN as of stated train

(Additional information: Responsible Applicant wants to use same OTN as in stated train because of all trains are part of same family.

The trains have only slightly differences on various days. RPTID: TrainID.)

DE07 = PathID from a framework contract

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PathRequestMessage</xs:documentation>

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train/path</xs:documentation>

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path</xs:documentation>

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	<pre> <xs:documentation>New final offer to former draft offer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1013"> <xs:annotation> <xs:documentation>Replaced path after modification by ResponsibleApplicant</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1014"> <xs:annotation> <xs:documentation>New Route</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1015"> <xs:annotation> <xs:documentation>Updated Route</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1016"> <xs:annotation> <xs:documentation>Reference to a related path request initially submitted to Pre-booking</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1017"> <xs:annotation> <xs:documentation>Reference to another pathrequest/path(offer) after the closure</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1018"> <xs:annotation> <xs:documentation>Reference to another pathrequest/path(offer) before the closure</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5001"> <xs:annotation> <xs:documentation>Reference to another object on the basis of incident management in operations phase</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DE01"> <xs:annotation> <xs:documentation>Reference to an associated empty/transfer train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DE02"> <xs:annotation> <xs:documentation>Reference to an associated main run</xs:documentation> </xs:annotation> </pre>

```
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</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
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element **ReceiptConfirmationMessage**

diagram

ReceiptConfirmationMessage

This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of-information.

MessageHeader

Used for all messages

Identifiers

ReferenceTrainIDSubCalendar

ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true :
ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar"

TypeOfRequest

Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)

TypeOfInformation

Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation

AffectedSection

0..∞

Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path

AffectedLocation

Affected location

Remarks

Free Form Text

InternalReferenceIdentifier

The link to the IM System Reference

RelatedReference

Identifies the message to which the actual message refers

namespace

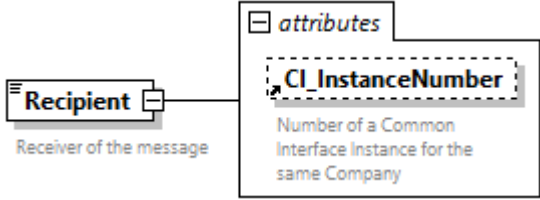
<http://www.era.europa.eu/schemes/TAFTSI/3.5>

properties	content complex
children	MessageHeader Identifiers ReferenceTrainIDSubCalendar TypeOfRequest TypeOfInformation AffectedSection AffectedLocation Remarks InternalReferenceIdentifier RelatedReference
annotation	documentation This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of-information.
source	<pre> <xs:element name="ReceiptConfirmationMessage"> <xs:annotation> <xs:documentation>This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of-information.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="AffectedLocation" minOccurs="0"/> <xs:element ref="Remarks" minOccurs="0"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> <xs:element ref="RelatedReference"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

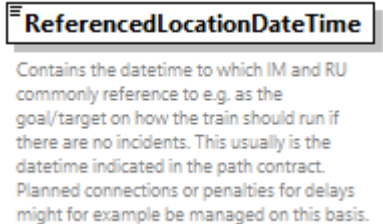
element **ReceivedOnTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
used by	element PathCoordinationMessage
source	<pre><xs:element name="ReceivedOnTime"/></pre>

element **Recipient**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
type	extension of CompanyCode					
properties	content complex					
used by	element MessageHeader					
facets	Kind	Value	Annotation			
	minLength	4				
	maxLength	4				
	pattern	[0-9A-Z]{4}				
attributes	Name	Type	Use	Default	Fixed	Annotation
	CI_InstanceNumber	Numeric2-2				documentation Number of a Common Interface Instance for the same Company
annotation	documentation Receiver of the message					
source	<pre><xs:element name="Recipient"> <xs:annotation> <xs:documentation>Receiver of the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CompanyCode"> <xs:attribute ref="CI_InstanceNumber"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element></pre>					

element **ReferencedLocationDateTime**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements DelayEventForecast DelayEventReport InterruptionPoint TrainAtLocation TrainLocationReport
annotation	documentation Contains the datetime to which IM and RU commonly reference to e.g. as the goal/target on how the train should run if there are no incidents. This usually is the datetime indicated in the path contract. Planned connections or penalties for delays might for example be managed on this basis.
source	<pre><xs:element name="ReferencedLocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Contains the datetime to which IM and RU commonly reference to e.g. as the goal/target on how the train should run if there are no incidents. This usually is the datetime indicated in the path contract. Planned connections or penalties for delays might for example be managed on this basis.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ReferenceNumber**

diagram	☰ ReferenceNumber Reference number						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:integer						
properties	content simple						
used by	element MonitoringBodies						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>5</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	5	
Kind	Value	Annotation					
totalDigits	5						
annotation	documentation Reference number						
source	<pre><xs:element name="ReferenceNumber"> <xs:annotation> <xs:documentation>Reference number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **ReferenceNumbers**

diagram	ReferenceNumbers This element contains references according to NCTS or EMCS law. This element MUST NOT be empty! 1..99 MovementReferenceNumber Movement Reference Number according to NCTS ARC Administrative Reference Code EMCS (Excise Movement and Control System)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MovementReferenceNumber ARC
used by	elements Wagons/GoodsinWagon ILU Details ITU Details Goods/Packing
annotation	documentation This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!
source	<pre> <xs:element name="ReferenceNumbers"> <xs:annotation> <xs:documentation>This element contains references according to NCTS or EMCS law.This element MUST NOT be empty!</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence maxOccurs="99"> <xs:element name="MovementReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MRN_Type"/> <xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ARC" minOccurs="0"> <xs:annotation> <xs:documentation>Administrative Reference Code EMCS (Excise Movement and Control System)</xs:documentation> <xs:documentation>CODE: EU (EC) No 684/2009</xs:documentation> </xs:annotation> </xs:element> </pre>

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ReferenceNumbers/MovementReferenceNumber**

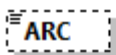
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	MRN Type MRN Number
annotation	documentation Movement Reference Number according to NCTS
source	<pre> <xs:element name="MovementReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MRN_Type"/> <xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<code></xs:element></code>

element **ReferenceNumbers/MovementReferenceNumber/MRN_Number**

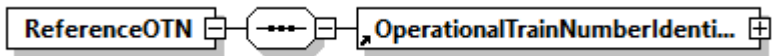
diagram	MRN_Number Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>21</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	21	
Kind	Value	Annotation								
minLength	1									
maxLength	21									
annotation	documentation Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).									
source	<pre><xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ReferenceNumbers/ARC**

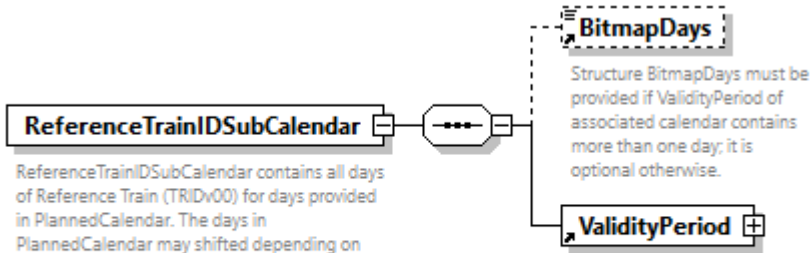
diagram	 Administrative Reference CodeEMCS (Excise Movement and Control System)						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>length</td><td>21</td><td></td></tr></table>	Kind	Value	Annotation	length	21	
Kind	Value	Annotation					
length	21						
annotation	documentation Administrative Reference CodeEMCS (Excise Movement and Control System) documentation						

	CODE: EU (EC) No 684/2009
source	<pre> <xs:element name="ARC" minOccurs="0"> <xs:annotation> <xs:documentation>Administrative Reference CodeEMCS (Excise Movement and Control System)</xs:documentation> <xs:documentation>CODE: EU (EC) No 684/2009</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ReferenceOTN**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	OperationalTrainNumberIdentifier
used by	elements TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/AssociatedTrain ChangeOfTrackMessage PassengerTrainCompositionMessage RollingStockRestrictionMessage RunningStatusReportMessage TrainAtLocation TrainCompositionMessage TrainDelayCauseMessage TrainForecastedDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
source	<pre> <xs:element name="ReferenceOTN"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumberIdentifier"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ReferenceTrainIDSubCalendar**

diagram	 ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar" Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	BitmapDays ValidityPeriod
used by	elements ObjectInfoMessage UpdateLinkMessage/Operation PathCanceledMessage PathConfirmedMessage PathCoordinationMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage
annotation	documentation ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar"
source	<pre> <xs:element name="ReferenceTrainIDSubCalendar"> <xs:annotation> <xs:documentation>ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar"</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BitmapDays" minOccurs="0"/> <xs:element ref="ValidityPeriod"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RefusalAtInterchange**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location RefusalTimeAtInterchange
used by	element WagonRefusedAtInterchangeMessage
annotation	documentation Place where the responsibility of a wagon is refused and the date and time when the wagon responsibility of the wagon is refused

source	<pre> <xs:element name="RefusalAtInterchange"> <xs:annotation> <xs:documentation>Place where the responsibility of a wagon is refused and the date and time when the wagon responsibility of the wagon is refused</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="RefusalTimeAtInterchange"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RefusalCode**

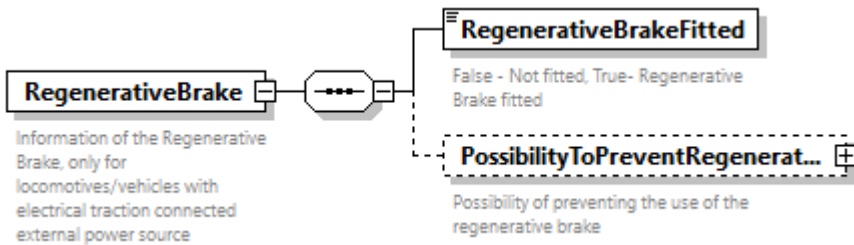
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	content	simple	
used by	element	RollingStockDatasetMessage/RefusedWagonNumbers	
facets	Kind	Value	Annotation
	enumeration	1	documentation Data not authorised by Wagon Keeper
	enumeration	2	documentation Wagon number freight unknown
annotation	documentation	Code List Candidate	
source	<pre><xs:element name="RefusalCode"> <xs:annotation> <xs:documentation>Code List Candidate</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Data not authorised by Wagon Keeper</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Wagon number freight unknown</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>		

	</xs:element>

element **RefusalTimeAtInterchange**

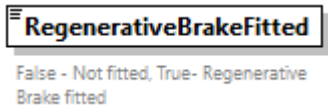
diagram	 The Departure Date and Time or the handover Date and Time at an interchange point where teh responsibility was intended to change to another RU, but where the RU refused to take over the responsibility
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element RefusalAtInterchange
annotation	documentation The Departure Date and Time or the handover Date and Time at an interchange point where teh responsibility was intended to change to another RU, but where the RU refused to take over the responsibility
source	<pre><xs:element name="RefusalTimeAtInterchange" type="xs:dateTime"> <xs:annotation> <xs:documentation>The Departure Date and Time or the handover Date and Time at an interchange point where teh responsibility was intended to change to another RU, but where the RU refused to take over the responsibility</xs:documentation> </xs:annotation> </xs:element></pre>

element **RegenerativeBrake**

diagram	 Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source False - Not fitted, True- Regenerative Brake fitted PossibilityToPreventRegenerat... Possibility of preventing the use of the regenerative brake
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	RegenerativeBrakeFitted PossibilityToPreventRegenerativeBrake
used by	elements Locoldent TrainCompositionJourneySection/Locoldent UnitData
annotation	documentation Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source

source	<pre> <xs:element name="RegenerativeBrake"> <xs:annotation> <xs:documentation>Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RegenerativeBrakeFitted" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Not fitted, True- Regenerative Brake fitted</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PossibilityToPreventRegenerativeBrake" minOccurs="0"> <xs:annotation> <xs:documentation>Possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="PossibilityToPreventUseOfRegenerativeBrake" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> </xs:element> <xs:element name="RegenerativeBrakePreventionInUse" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RegenerativeBrake/RegenerativeBrakeFitted**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean

properties	content simple
annotation	documentation False - Not fitted, True- Regenerative Brake fitted
source	<pre><xs:element name="RegenerativeBrakeFitted" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Not fitted, True- Regenerative Brake fitted</xs:documentation> </xs:annotation> </xs:element></pre>

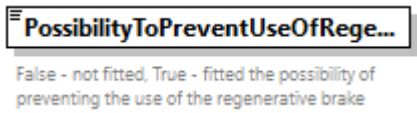
element **RegenerativeBrake/PossibilityToPreventRegenerativeBrake**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	PossibilityToPreventUseOfRegenerativeBrake RegenerativeBrakePreventionInUse
annotation	documentation Possibility of preventing the use of the regenerative brake
source	<pre><xs:element name="PossibilityToPreventRegenerativeBrake" minOccurs="0"> <xs:annotation> <xs:documentation>Possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="PossibilityToPreventUseOfRegenerativeBrake" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> </xs:element> <xs:element name="RegenerativeBrakePreventionInUse" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

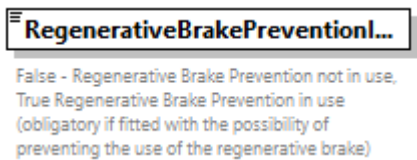
	<pre> </xs:sequence> </xs:complexType> </xs:element> </pre>

element

RegenerativeBrake/PossibilityToPreventRegenerativeBrake/PossibilityToPreventUseOfRegenerativeBrake

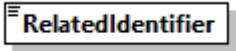
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake
source	<pre> <xs:element name="PossibilityToPreventUseOfRegenerativeBrake" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> </xs:element> </pre>

element **RegenerativeBrake/PossibilityToPreventRegenerativeBrake/RegenerativeBrakePreventionInUse**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)
source	<pre> <xs:element name="RegenerativeBrakePreventionInUse" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</xs:documentation> </xs:annotation> </pre>

	<code></xs:element></code>

element **RelatedIdentifier**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	FreeText		
properties	content	simple	
used by	element	RelatedReference	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	
source	<code><xs:element name="RelatedIdentifier" type="FreeText"/></code>		

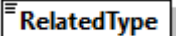
element **RelatedPlannedTransportIdentifiers**

diagram	The diagram illustrates the structure of the RelatedPlannedTransportIdentifiers element. It is a complex type containing several elements: ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) and TCR(TC) Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determined by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: The start of the date/time in effect
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	element Identifiers
source	<pre><xs:element name="RelatedPlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/></pre>

element **RelatedReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	RelatedType RelatedIdentifier RelatedSenderReference RelatedMessageDateTime
used by	elements ReceiptConfirmationMessage WagonETI ETA Message WagonReceivedAtInterchangeMessage WagonRefusedAtInterchangeMessage
annotation	documentation Identifies the message to which the actual message refers
source	<pre> <xs:element name="RelatedReference"> <xs:annotation> <xs:documentation>Identifies the message to which the actual message refers</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RelatedType" type="MessageCode"/> <xs:element ref="RelatedIdentifier"/> <xs:element ref="RelatedSenderReference" minOccurs="0"/> <xs:element name="RelatedMessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date Time of related message. </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RelatedReference/RelatedType**

element RelatedReference/RelatedType			
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	MessageCode		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	

	maxLength 4
source	<code><xs:element name="RelatedType" type="MessageCode"/></code>

element **RelatedReference/RelatedMessageDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Date Time of related message.
source	<pre> <xs:element name="RelatedMessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date Time of related message. </xs:documentation> </xs:annotation> </xs:element> </pre>

element **RelatedSenderReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	content simple
used by	element RelatedReference
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Sender reference given by the Sender
source	<pre> <xs:element name="RelatedSenderReference" type="FreeText"> <xs:annotation> <xs:documentation>Sender reference given by the Sender</xs:documentation> </xs:annotation> </xs:element> </pre>

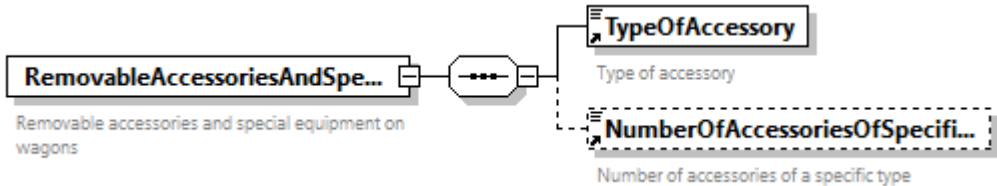
element **RelatedTransportOperationalIdentifiers**

diagram	The diagram illustrates the structure of the RelatedTransportOperationalIdentifiers element. It is a composite type, represented by a dashed box labeled CompositIdentifierOperationalType. The element is connected to a central box labeled RelatedTransportOperationalId... via a line with a dashed circle. The composite type contains six sub-elements, each with a description: ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) and TCR(TC) Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determined by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: Is only used in the operational phase and refers to the date where the single train will start the train journey
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompositIdentifierOperationalType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	element TrainOperationalIdentification
source	<pre><xs:element name="RelatedTransportOperationalIdentifiers" type="CompositIdentifierOperationalType"/></pre>

element **Remarks**

diagram	Remarks Free Form Text									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	elements DelayCauseTime InterruptionPoint PassengerTrainCompositionMessage ReceiptConfirmationMessage TrainJourneyModificationMessage									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Free Form Text									
source	<pre><xs:element name="Remarks" type="FreeText"> <xs:annotation> <xs:documentation>Free Form Text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RemovableAccessoriesAndSpecialEquipmentOnWagons**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TypeOfAccessory NumberOfAccessoriesOfSpecificType
used by	element WagonDataHERMES/WagonTechDataHERMES
annotation	documentation Removable accessories and special equipment on wagons
source	<pre><xs:element name="RemovableAccessoriesAndSpecialEquipmentOnWagons"> <xs:annotation> <xs:documentation>Removable accessories and special equipment on wagons</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TypeOfAccessory"/> <xs:element ref="NumberOfAccessoriesOfSpecificType" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

	</xs:element>

element **RequestedCalendar**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	BitmapDays ValidityPeriod
used by	element PathInformation
source	<pre><xs:element name="RequestedCalendar"> <xs:complexType> <xs:sequence> <xs:element ref="BitmapDays" minOccurs="0"/> <xs:element ref="ValidityPeriod"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **RequestedPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	StartDateTime EndTimeTime
annotation	documentation Date/Time period of a request
source	<pre><xs:element name="RequestedPeriod"> <xs:annotation> <xs:documentation>Date/Time period of a request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre>

	<pre> <xs:element ref="StartDateTime"/> <xs:element ref="EndDateTime"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RequestedTimeframe**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	StartDateTime EndDateTime
annotation	documentation To specifiy a time period being requested
source	<pre> <xs:element name="RequestedTimeframe"> <xs:annotation> <xs:documentation>To specifiy a time period being requested</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime" minOccurs="0"/> <xs:element ref="EndDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

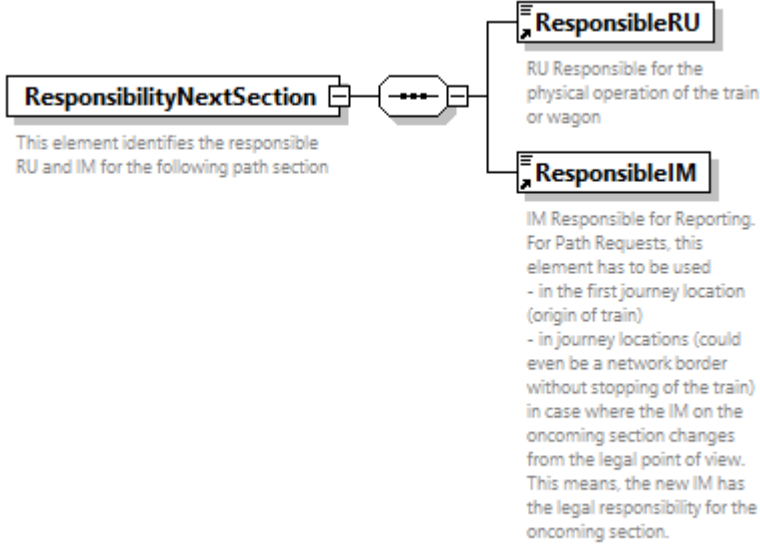
element **ResponsibilityActualSection**

diagram	ResponsibilityActualSection This element identifies the responsible RU or IM for the actual path section ResponsibleRU RU Responsible for the physical operation of the train or wagon ResponsibleIM IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ResponsibleRU ResponsibleIM
used by	elements JourneySection PassengerJourneySection
annotation	documentation This element identifies the responsible RU or IM for the actual path section
source	<pre> <xs:element name="ResponsibilityActualSection"> <xs:annotation> <xs:documentation>This element identifies the responsible RU or IM for the actual path section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ResponsibleRU"/> <xs:element ref="ResponsibleIM"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

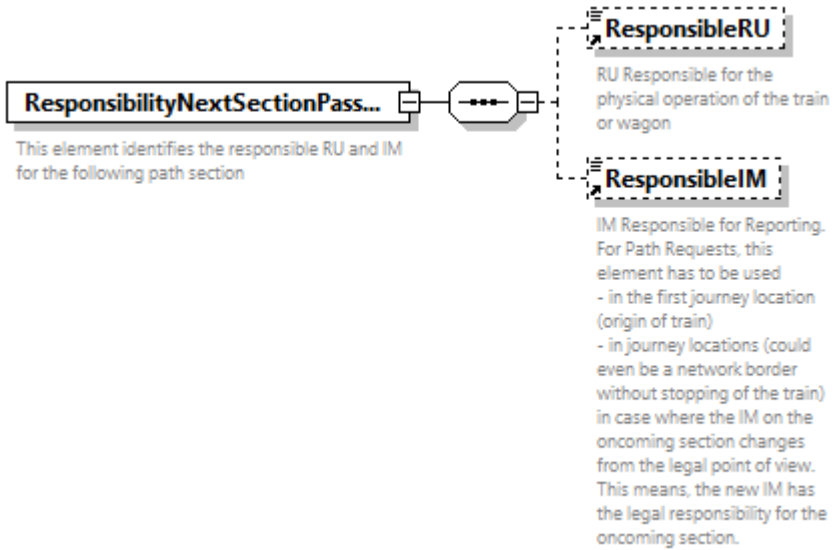
element **ResponsibilityActualSectionPassenger**

diagram	ResponsibilityActualSectionPas... This element identifies the responsible RU or IM for the actual path section ResponsibleRU RU Responsible for the physical operation of the train or wagon ResponsibleIM IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ResponsibleRU ResponsibleIM
annotation	documentation This element identifies the responsible RU or IM for the actual path section
source	<pre> <xs:element name="ResponsibilityActualSectionPassenger"> <xs:annotation> <xs:documentation>This element identifies the responsible RU or IM for the actual path section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ResponsibleRU"/> <xs:element ref="ResponsibleIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ResponsibilityNextSection**

diagram	 The diagram shows the ResponsibilityNextSection element as a container. Inside, there is a sequence of two elements: ResponsibleRU and ResponsibleIM. The ResponsibleRU element is described as 'RU Responsible for the physical operation of the train or wagon'. The ResponsibleIM element is described as 'IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.'
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ResponsibleRU ResponsibleIM
used by	elements JourneySection PassengerJourneySection
annotation	documentation This element identifies the responsible RU and IM for the following path section
source	<pre> <xs:element name="ResponsibilityNextSection"> <xs:annotation> <xs:documentation>This element identifies the responsible RU and IM for the following path section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ResponsibleRU"/> <xs:element ref="ResponsibleIM"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ResponsibilityNextSectionPassenger**

diagram	 The diagram shows the ResponsibilityNextSectionPass... element containing two sub-elements: ResponsibleRU and ResponsibleIM. The ResponsibleRU element is described as 'RU Responsible for the physical operation of the train or wagon'. The ResponsibleIM element is described as 'IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.'
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ResponsibleRU ResponsibleIM
annotation	documentation This element identifies the responsible RU and IM for the following path section
source	<pre> <xs:element name="ResponsibilityNextSectionPassenger"> <xs:annotation> <xs:documentation>This element identifies the responsible RU and IM for the following path section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="ResponsibleIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ResponsibleApplicant**

diagram	 The diagram shows the ResponsibleApplicant element. The text below it states: 'This element has to be used for the whole journey where the applicant has made the request'.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of CompanyCode
properties	content simple

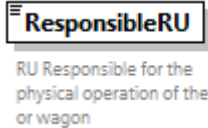
used by	element PlannedJourneyLocation complexType PlannedLocationInfoType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation This element has to be used for the whole journey where the applicant has made the request												
source	<pre><xs:element name="ResponsibleApplicant"> <xs:annotation> <xs:documentation>This element has to be used for the whole journey where the applicant has made the request</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="CompanyCode"/> </xs:simpleType> </xs:element></pre>												

element **ResponsibleIM**

diagram	ResponsibleIM IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	elements LocationPrimaryInformation PlannedJourneyLocation ResponsibilityActualSection ResponsibilityActualSectionPassenger ResponsibilityNextSection ResponsibilityNextSectionPassenger												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM												

	on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.
source	<pre> <xs:element name="ResponsibleIM" type="CompanyCode"> <xs:annotation> <xs:documentation>IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section. </xs:documentation> </xs:annotation> </xs:element> </pre>

element **ResponsibleRU**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	content simple		
used by	elements	ExceptionalGaugingInfo ExceptionPoint MonitoringBodies PlannedJourneyLocation ResponsibilityActualSection ResponsibilityActualSectionPassenger ResponsibilityNextSection ResponsibilityNextSectionPassenger RunningStatusReportMessage TrainDelayCauseMessage TrainForecastedDelayCauseMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
annotation	documentation RU Responsible for the physical operation of the train or wagon		
source	<pre> <xs:element name="ResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>RU Responsible for the physical operation of the train or wagon</xs:documentation> </xs:annotation> </xs:element> </pre>		

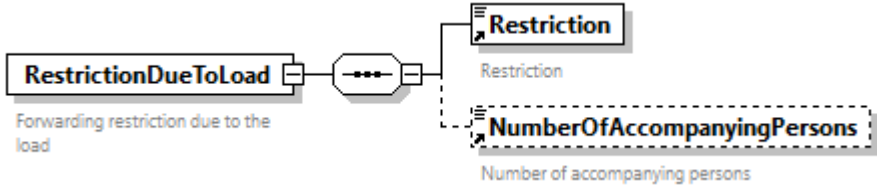
element **Restriction**

diagram	Restriction Restriction		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:short		
properties	content	simple	
used by	element	RestrictionDueToLoad	
facets	Kind	Value	Annotation
	enumeration	08	
	enumeration	09	
	enumeration	15	
	enumeration	16	
	enumeration	41	
	enumeration	42	
	enumeration	61	
	enumeration	62	
	enumeration	63	
	enumeration	64	
	enumeration	68	
	enumeration	70	
	enumeration	71	
annotation	documentation	Restriction	
source	<pre><xs:element name="Restriction"> <xs:annotation> <xs:documentation>Restriction</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="08"/> <xs:enumeration value="09"/> <xs:enumeration value="15"/> <xs:enumeration value="16"/> <xs:enumeration value="41"/> <xs:enumeration value="42"/> <xs:enumeration value="61"/> <xs:enumeration value="62"/> <xs:enumeration value="63"/> <xs:enumeration value="64"/> <xs:enumeration value="68"/> <xs:enumeration value="70"/> <xs:enumeration value="71"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **RestrictionDueToDamage**

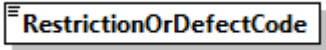
diagram	RestrictionDueToDamage Restriction due to irregularity																											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																											
type	restriction of xs:short																											
properties	content simple																											
used by	element WagonDataHERMES/DamageWagonData																											
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>07</td><td></td></tr><tr><td>enumeration</td><td>15</td><td></td></tr><tr><td>enumeration</td><td>16</td><td></td></tr><tr><td>enumeration</td><td>41</td><td></td></tr><tr><td>enumeration</td><td>42</td><td></td></tr><tr><td>enumeration</td><td>63</td><td></td></tr><tr><td>enumeration</td><td>70</td><td></td></tr><tr><td>enumeration</td><td>71</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	07		enumeration	15		enumeration	16		enumeration	41		enumeration	42		enumeration	63		enumeration	70		enumeration	71	
Kind	Value	Annotation																										
enumeration	07																											
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enumeration	16																											
enumeration	41																											
enumeration	42																											
enumeration	63																											
enumeration	70																											
enumeration	71																											
annotation	documentation Restriction due to irregularity																											
source	<pre><xs:element name="RestrictionDueToDamage"> <xs:annotation> <xs:documentation>Restriction due to irregularity</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="07"/> <xs:enumeration value="15"/> <xs:enumeration value="16"/> <xs:enumeration value="41"/> <xs:enumeration value="42"/> <xs:enumeration value="63"/> <xs:enumeration value="70"/> <xs:enumeration value="71"/> </xs:restriction> </xs:simpleType> </xs:element></pre>																											

element **RestrictionDueToLoad**

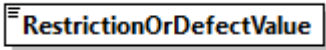
diagram	 RestrictionDueToLoad Forwarding restriction due to the load Restriction Restriction NumberOfAccompanyingPersons Number of accompanying persons

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Restriction NumberOfAccompanyingPersons
used by	element LoadingSpecial
annotation	documentation Forwarding restriction due to the load
source	<pre> <xs:element name="RestrictionDueToLoad"> <xs:annotation> <xs:documentation>Forwarding restriction due to the load</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Restriction"/> <xs:element ref="NumberOfAccompanyingPersons" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

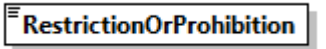
element **RestrictionOrDefectCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
used by	element OtherPassengerRestrictionOrDefect
source	<pre> <xs:element name="RestrictionOrDefectCode"/> </pre>

element **RestrictionOrDefectValue**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	content simple
used by	element OtherPassengerRestrictionOrDefect
source	<pre> <xs:element name="RestrictionOrDefectValue" type="xs:string"/> </pre>

element **RestrictionOrProhibition**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	element	TrainOrCoachGroupComposition/Unit/Restrictions	
facets	Kind	Value	Annotation
	enumeration	0	
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
source	<pre><xs:element name="RestrictionOrProhibition"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

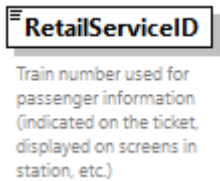
element **RestrictionsDueToLoadOrDamage**

diagram	☰ RestrictionsDueToLoadOrDama... These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13)																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																		
type	RestrictionCodes																		
properties	content simple																		
used by	elements TrainOrCoachGroupComposition/Unit/Restrictions WagonOperationalData																		
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>07</td><td>documentation F - Shunt only when hand brake operable with ground staff</td></tr><tr><td>enumeration</td><td>08</td><td>documentation F - Tank wagon loaded with liquid</td></tr><tr><td>enumeration</td><td>09</td><td>documentation F - Wagon loaded with people</td></tr><tr><td>enumeration</td><td>11</td><td>documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres</td></tr><tr><td>enumeration</td><td>12</td><td>documentation F - Bogie wagon with distance between wheels of more than 14 metres and up</td></tr></tbody></table>	Kind	Value	Annotation	enumeration	07	documentation F - Shunt only when hand brake operable with ground staff	enumeration	08	documentation F - Tank wagon loaded with liquid	enumeration	09	documentation F - Wagon loaded with people	enumeration	11	documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres	enumeration	12	documentation F - Bogie wagon with distance between wheels of more than 14 metres and up
Kind	Value	Annotation																	
enumeration	07	documentation F - Shunt only when hand brake operable with ground staff																	
enumeration	08	documentation F - Tank wagon loaded with liquid																	
enumeration	09	documentation F - Wagon loaded with people																	
enumeration	11	documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres																	
enumeration	12	documentation F - Bogie wagon with distance between wheels of more than 14 metres and up																	

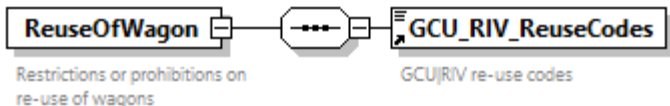
		to and including a distance of 17,50 metres
enumeration	13	documentation F - Bogie wagon with distance between wheels of more than 17,50 metres
enumeration	15	documentation F - Wagon not allowed over the hump
enumeration	16	documentation F - Do not fly shunt or gravity shunt (3 red triangles)
enumeration	18	documentation F - Must not use active braking equipment
enumeration	25	documentation F - Gas carrying tank wagon with orange side stripe
enumeration	30	documentation P (+F) - CCS fault (see CCS coding list)
enumeration	31	documentation P (+F) - Braking system fault
enumeration	32	documentation P (+F) - Wheelset, bogie fault
enumeration	33	documentation P (+F) - Headlighting or back lighting fault
enumeration	34	documentation P (+F) - Front glass broken
enumeration	35	documentation P (+F) - Horn fault
enumeration	36	documentation P (+F) - Radio fault
enumeration	37	documentation P (+F) - Energy supply fault
enumeration	38	documentation P (+F) - Traction or motor fault
enumeration	39	documentation P - Access door fault
enumeration	41	documentation F - Place this wagon at the front of the train
enumeration	42	documentation F - Place this wagon at the rear of the train
enumeration	50	documentation P (+F) - Speed restriction
enumeration	52	documentation P (+F) - Diesel locomotive instead of electric locomotive
enumeration	61	documentation F - Wagon forming part of a consignment of several wagons
enumeration	62	documentation F - Wagon forming part of a group of wagons from which it must not be separated
enumeration	63	documentation F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one
enumeration	68	documentation F - First or last wagon of a wagon group from which it must not be separated
enumeration	70	documentation F - Shunt with care (1 red triangle)
enumeration	71	documentation F - Shunt with special care (2 red triangle)
enumeration	90	documentation

	enumeration 91 documentation P - Train planned with passengers operated without passengers enumeration 92 documentation P - Train planned without passengers operated with passengers enumeration 94 documentation P - Train planned with hauled rolling stock and operated without any coaches (light engine) enumeration 99 documentation F - Gas carrying wagon without orange side stripe P - Other
annotation	documentation These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13)
source	<pre><xs:element name="RestrictionsDueToLoadOrDamage" type="RestrictionCodes"> <xs:annotation> <xs:documentation>These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13) </xs:documentation> </xs:annotation> </xs:element></pre>

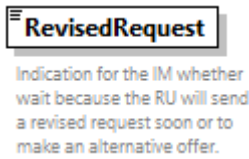
element **RetailServiceID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	content simple
used by	elements Association UnitCommercialData
annotation	documentation Train number used for passenger information (indicated on the ticket, displayed on screens in station, etc.)
source	<pre><xs:element name="RetailServiceID" type="xs:string"> <xs:annotation> <xs:documentation>Train number used for passenger information (indicated on the ticket, displayed on screens in station, etc.)</xs:documentation> </xs:annotation> </xs:element></pre>

element **ReuseOfWagon**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	GCU_RIV_ReuseCodes
used by	element LoadingSpecial
annotation	documentation Restrictions or prohibitions on re-use of wagons
source	<pre> <xs:element name="ReuseOfWagon"> <xs:annotation> <xs:documentation>Restrictions or prohibitions on re-use of wagons</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="GCU_RIV_ReuseCodes"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RevisedRequest**

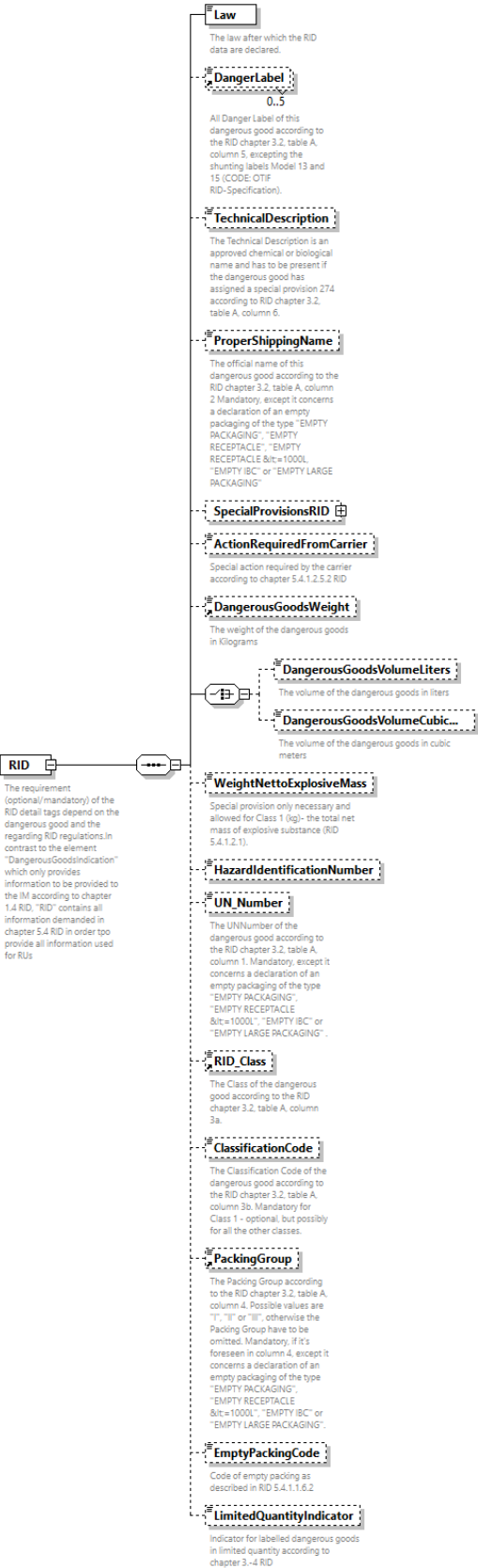
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	elements PathCoordinationMessage PathDetailsRefusedMessage
annotation	documentation Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.
source	<pre> <xs:element name="RevisedRequest" type="xs:boolean"> <xs:annotation> <xs:documentation>Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RFCPaP**

diagram	 ID specific to all locations belonging to a given Pre-Arranged Path published by a Rail Freight Corridor									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element PlannedJourneyLocation									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>20</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	20	
Kind	Value	Annotation								
minLength	1									
maxLength	20									
annotation	documentation ID specific to all locations belonging to a given Pre-Arranged Path published by a Rail Freight Corridor									
source	<pre><xs:element name="RFCPaP"> <xs:annotation> <xs:documentation>ID specific to all locations belonging to a given Pre-Arranged Path published by a Rail Freight Corridor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RID**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Law DangerLabel TechnicalDescription ProperShippingName SpecialProvisionsRID ActionRequiredFromCarrier DangerousGoodsWeight DangerousGoodsVolumeLiters DangerousGoodsVolumeCubicMeters WeightNettoExplosiveMass HazardIdentificationNumber UN Number RID Class ClassificationCode PackingGroup EmptyPackingCode LimitedQuantityIndicator
used by	elements Goods Wagons/GoodsInWagon
annotation	documentation The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs
source	<pre> <xs:element name="RID"> <xs:annotation> <xs:documentation>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> <xs:enumeration value="2021"/> <xs:enumeration value="2023"/> <xs:enumeration value="2025"/> <xs:enumeration value="2027"/> <xs:enumeration value="2029"/> <xs:enumeration value="2031"/> <xs:enumeration value="2033"/> <xs:enumeration value="2035"/> <xs:enumeration value="2037"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5"/> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </pre>

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="350"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ProperShippingName" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The official name of this dangerous good according to
the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration
of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY
RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="SpecialProvisionsRID" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SpecialProvisionsRID3.3" minOccurs="0"
maxOccurs="25">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="SpecialProvisionRID5.4" minOccurs="0"
maxOccurs="25">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Waste" type="xs:boolean" minOccurs="0"/>
      <xs:element name="SpecialProvisionsEnvironment" minOccurs="0">
        <xs:complexType>
          <xs:choice>
            <xs:element name="EnvironmentalHazardous" type="xs:boolean"/>
            <xs:element name="MarinePollutant" type="xs:boolean"/>
          </xs:choice>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

<xs:element name="ActionRequiredFromCarrier" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Special action required by the carrier according to
chapter 5.4.1.2.5.2 RID</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="DangerousGoodsWeight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The weight of the dangerous goods in
Kilograms</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:choice>
  <xs:element name="DangerousGoodsVolumeLiters" type="VolumeValueLiter"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>The volume of the dangerous goods in
liters</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="DangerousGoodsVolumeCubicMeters" type="VolumeValue"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>The volume of the dangerous goods in cubic
meters</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:choice>
  <xs:element name="WeightNettoExplosiveMass" type="WeightValueKilo"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Special provision only necessary and allowed for Class
1 (kg)- the total net mass of explosive substance (RID
5.4.1.2.1).</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="HazardIdentificationNumber" minOccurs="0">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="2"/>
        <xs:maxLength value="4"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="UN_Number" minOccurs="0">
    <xs:annotation>
      <xs:documentation>The UNNumber of the dangerous good according to the RID
chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an
empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY

```

```

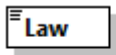
IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:length value="4"/>
    <xs:pattern value="\d*[1-9]\d*" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="RID_Class" minOccurs="0"/>
<xs:element name="ClassificationCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The Classification Code of the dangerous good
according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 -
optional, but possibly for all the other classes.</xs:documentation>
    <xs:documentation>CODE: OTIF RID-Specification</xs:documentation>
  </xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="4">
      <xs:annotation>
        <xs:documentation>present only with class 1</xs:documentation>
      </xs:annotation>
    </xs:maxLength>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="PackingGroup" minOccurs="0"/>
<xs:element name="EmptyPackingCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of empty packing as described in RID
5.4.1.1.6.2</xs:documentation>
    <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been
added as 'dummy' until the code list has been finished and approved.
</xs:documentation>
  </xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="01">
      <xs:annotation>
        <xs:documentation>EMPTY PACKAGING</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="02">
      <xs:annotation>
        <xs:documentation>EMPTY CONTAINER</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="03">
      <xs:annotation>
        <xs:documentation>EMPTY IBC</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="04">

```

	<pre> <xs:annotation> <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="05"> <xs:annotation> <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>EMPTY TANK-WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="09"> <xs:annotation> <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>EMPTY PORTABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>EMPTY VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> </pre>

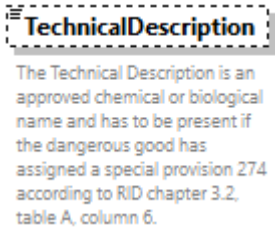
	<pre> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>EMPTY WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE le 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>EMPTY</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RID/Law**

diagram	 The law after which the RID data are declared.		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:int		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	2013	
	enumeration	2015	
	enumeration	2017	
	enumeration	2019	
	enumeration	2021	
	enumeration	2023	

	enumeration 2025 enumeration 2027 enumeration 2029 enumeration 2031 enumeration 2033 enumeration 2035 enumeration 2037
annotation	documentation The law after which the RID data are declared.
source	<pre> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> <xs:enumeration value="2021"/> <xs:enumeration value="2023"/> <xs:enumeration value="2025"/> <xs:enumeration value="2027"/> <xs:enumeration value="2029"/> <xs:enumeration value="2031"/> <xs:enumeration value="2033"/> <xs:enumeration value="2035"/> <xs:enumeration value="2037"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RID/TechnicalDescription**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1

	maxLength 350
annotation	documentation The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.
source	<pre> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RID/ProperShippingName**

diagram	ProperShippingName The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;= 1000L, "EMPTY IBC" or "EMPTY LARGE PACKAGING"									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>350</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	documentation The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L, "EMPTY IBC" or "EMPTY LARGE PACKAGING"									
source	<pre><xs:element name="ProperShippingName" minOccurs="0"> <xs:annotation> <xs:documentation>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L, "EMPTY IBC" or "EMPTY LARGE PACKAGING"</xs:documentation> </xs:annotation></pre>									

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RID/SpecialProvisionsRID**

diagram	<pre> graph LR SP[RID/SpecialProvisionsRID] -- sequence --> SP33[SpecialProvisionsRID3.3] SP -- sequence --> SP54[SpecialProvisionRID5.4] SP -- sequence --> Waste[Waste] SP -- sequence --> SPE[SpecialProvisionsEnvironment] style SP fill:none,stroke-dasharray: 5 5 style SP33 fill:none,stroke-dasharray: 5 5 style SP54 fill:none,stroke-dasharray: 5 5 style Waste fill:none,stroke-dasharray: 5 5 style SPE fill:none,stroke-dasharray: 5 5 </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	SpecialProvisionsRID3.3 SpecialProvisionRID5.4 Waste SpecialProvisionsEnvironment
source	<pre> <xs:element name="SpecialProvisionsRID" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="SpecialProvisionsRID3.3" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SpecialProvisionRID5.4" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Waste" type="xs:boolean" minOccurs="0"/> <xs:element name="SpecialProvisionsEnvironment" minOccurs="0"> <xs:complexType> <xs:choice> <xs:element name="EnvironmentalHazardous" type="xs:boolean"/> <xs:element name="MarinePollutant" type="xs:boolean"/> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RID/SpecialProvisionsRID/SpecialProvisionsRID3.3**

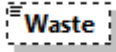
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 25 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>5</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
source	<pre><xs:element name="SpecialProvisionsRID3.3" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RID/SpecialProvisionsRID/SpecialProvisionRID5.4**

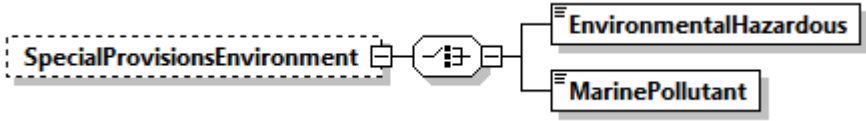
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc0 maxOcc25 contentsimple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>350</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
source	<pre><xs:element name="SpecialProvisionRID5.4" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<pre> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

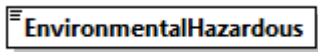
element **RID/SpecialProvisionsRID/Waste**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
source	<pre><xs:element name="Waste" type="xs:boolean" minOccurs="0"/></pre>

element **RID/SpecialProvisionsRID/SpecialProvisionsEnvironment**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	EnvironmentalHazardous MarinePollutant
source	<pre> <xs:element name="SpecialProvisionsEnvironment" minOccurs="0"> <xs:complexType> <xs:choice> <xs:element name="EnvironmentalHazardous" type="xs:boolean"/> <xs:element name="MarinePollutant" type="xs:boolean"/> </xs:choice> </xs:complexType> </xs:element> </pre>

element **RID/SpecialProvisionsRID/SpecialProvisionsEnvironment/EnvironmentalHazardous**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple

source	<code><xs:element name="EnvironmentalHazardous" type="xs:boolean"/></code>

element **RID/SpecialProvisionsRID/SpecialProvisionsEnvironment/MarinePollutant**

diagram	 A diagram showing a box labeled "MarinePollutant" with a small icon of a document with a checkmark to its left.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
source	<code><xs:element name="MarinePollutant" type="xs:boolean"/></code>

element **RID/ActionRequiredFromCarrier**

diagram	 A diagram showing a box labeled "ActionRequiredFromCarrier" with a dashed border and a small icon of a document with a checkmark to its left. Below the box, the text "Special action required by the carrier according to chapter 5.4.1.2.5.2 RID" is displayed.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Special action required by the carrier according to chapter 5.4.1.2.5.2 RID
source	<pre><xs:element name="ActionRequiredFromCarrier" minOccurs="0"> <xs:annotation> <xs:documentation>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

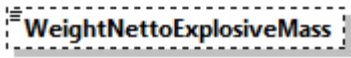
element **RID/DangerousGoodsVolumeLiters**

diagram	 The volume of the dangerous goods in liters
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	VolumeValueLiter
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999
annotation	documentation The volume of the dangerous goods in liters
source	<pre><xs:element name="DangerousGoodsVolumeLiters" type="VolumeValueLiter" minOccurs="0"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in liters</xs:documentation> </xs:annotation> </xs:element></pre>

element **RID/DangerousGoodsVolumeCubicMeters**

diagram	 The volume of the dangerous goods in cubic meters
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	VolumeValue
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre><xs:element name="DangerousGoodsVolumeCubicMeters" type="VolumeValue" minOccurs="0"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element></pre>

element **RID/WeightNettoExplosiveMass**

diagram	 Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	WeightValueKilo
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).
source	<pre><xs:element name="WeightNettoExplosiveMass" type="WeightValueKilo" minOccurs="0"> <xs:annotation> <xs:documentation>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</xs:documentation> </xs:annotation> </xs:element></pre>

element **RID/HazardIdentificationNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
used by	element ListOfDangerousGoods
facets	Kind Value Annotation minLength 2 maxLength 4
source	<pre><xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType></pre>

	</xs:element>

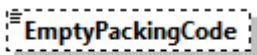
element **RID/UN_Number**

diagram	UN_Number The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
used by	element SummaryOfGoodsWithSameRID
facets	Kind Value Annotation length 4 pattern \d*[1-9]\d*
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .
source	<pre><xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RID/ClassificationCode**

diagram	ClassificationCode The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
used by	element ListOfDangerousGoods									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>4</td><td>documentation present only with class 1</td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	4	documentation present only with class 1
Kind	Value	Annotation								
minLength	1									
maxLength	4	documentation present only with class 1								
annotation	documentation The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes. documentation CODE: OTIF RID-Specification									
source	<pre><xs:element name="ClassificationCode" minOccurs="0"> <xs:annotation> <xs:documentation>The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes.</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"> <xs:annotation> <xs:documentation>present only with class 1</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RID/EmptyPackingCode**

diagram	 Code of empty packing as described in RID 5.4.1.1.6.2
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:token		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	01	documentation EMPTY PACKAGING
	enumeration	02	documentation EMPTY CONTAINER
	enumeration	03	documentation EMPTY IBC
	enumeration	04	documentation EMPTY LARGE PACKAGING
	enumeration	05	documentation EMPTY TANK-VEHICLE
	enumeration	06	documentation EMPTY TANK-WAGON
	enumeration	07	documentation EMPTY DETACHABLE TANK
	enumeration	08	documentation EMPTY DEMOUNTABLE TANK
	enumeration	09	documentation EMPTY TANK-CONTAINER
	enumeration	10	documentation EMPTY PORTABLE TANK
	enumeration	11	documentation EMPTY BATTERY-VEHICLE
	enumeration	12	documentation EMPTY BATTERY-WAGON
	enumeration	13	documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS
	enumeration	14	documentation EMPTY VEHICLE
	enumeration	15	documentation EMPTY WAGON
	enumeration	16	documentation EMPTY RECEPTACLE le 1000L
	enumeration	17	documentation EMPTY RECEPTACLE gt 1000L
	enumeration	18	documentation EMPTY
annotation	documentation Code of empty packing as described in RID 5.4.1.1.6.2 documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.		
source	<xs:element name="EmptyPackingCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved. </xs:documentation> </xs:annotation>		

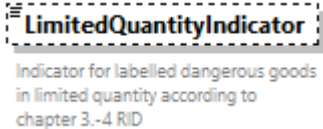
```

<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="01">
      <xs:annotation>
        <xs:documentation>EMPTY PACKAGING</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="02">
      <xs:annotation>
        <xs:documentation>EMPTY CONTAINER</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="03">
      <xs:annotation>
        <xs:documentation>EMPTY IBC</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="04">
      <xs:annotation>
        <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="05">
      <xs:annotation>
        <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="06">
      <xs:annotation>
        <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="07">
      <xs:annotation>
        <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="08">
      <xs:annotation>
        <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="09">
      <xs:annotation>
        <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
      <xs:annotation>
        <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="11">
      <xs:annotation>
        <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>

```

	<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>EMPTY VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>EMPTY WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE le 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>EMPTY</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

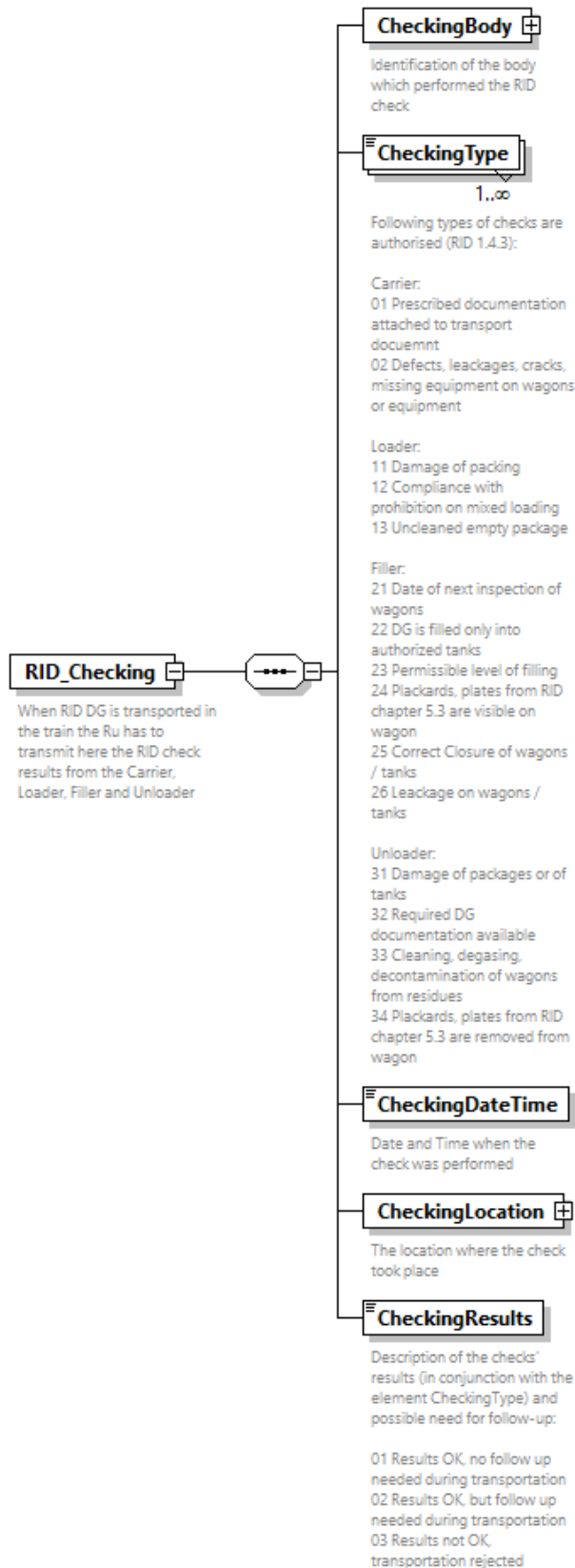
element **RID/LimitedQuantityIndicator**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean

properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID
source	<pre> <xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RID_Checking**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CheckingBody CheckingType CheckingDateTime CheckingLocation CheckingResults
used by	element Goods
annotation	documentation When RID DG is transported in the train the Ru has to transmit here the RID check results from the Carrier, Loader, Filler and Unloader
source	<pre> <xs:element name="RID_Checking"> <xs:annotation> <xs:documentation>When RID DG is transported in the train the Ru has to transmit here the RID check results from the Carrier, Loader, Filler and Unloader </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CheckingBody"> <xs:annotation> <xs:documentation>Identification of the body which performed the RID check</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="BodyType"> <xs:annotation> <xs:documentation>Following types of bodies are authorised (RID 1.4.3): 01 Carrier 02 Loader 03 Filler 04 Unloader</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="BodyID" type="CompanyCode"> <xs:annotation> <xs:documentation>4N Company Code</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="CheckingType" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Following types of checks are authorised (RID 1.4.3): </pre>

Carrier:
01 Prescribed documentation attached to transport docuemnt
02 Defects, leackages, cracks, missing equipment on wagons or equipment

Loader:
11 Damage of packing
12 Compliance with prohibition on mixed loading
13 Uncleaned empty package

Filler:
21 Date of next inspection of wagons
22 DG is filled only into authorized tanks
23 Permissible level of filling
24 Plackards, plates from RID chapter 5.3 are visible on wagon
25 Correct Closure of wagons / tanks
26 Leakage on wagons / tanks

Unloader:
31 Damage of packages or of tanks
32 Required DG documentation available
33 Cleaning, degasing, decontamination of wagons from residues
34 Plackards, plates from RID chapter 5.3 are removed from wagon

```
</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="01"/>
      <xs:enumeration value="02"/>
      <xs:enumeration value="11"/>
      <xs:enumeration value="12"/>
      <xs:enumeration value="13"/>
      <xs:enumeration value="21"/>
      <xs:enumeration value="22"/>
      <xs:enumeration value="23"/>
      <xs:enumeration value="24"/>
      <xs:enumeration value="25"/>
      <xs:enumeration value="26"/>
      <xs:enumeration value="31"/>
      <xs:enumeration value="32"/>
      <xs:enumeration value="33"/>
      <xs:enumeration value="34"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CheckingDateTime" type="xs:dateTime">
  <xs:annotation>
    <xs:documentation>Date and Time when the check was
performed</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CheckingLocation" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>The location where the check took
place</xs:documentation>
```

	<pre> </xs:annotation> </xs:element> <xs:element name="CheckingResults"> <xs:annotation> <xs:documentation>Description of the checks' results (in conjunction with the element CheckingType) and possible need for follow-up: 01 Results OK, no follow up needed during transportation 02 Results OK, but follow up needed during transportation 03 Results not OK, transportation rejected</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="01"/> <xs:pattern value="02"/> <xs:pattern value="03"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RID_Checking/CheckingBody**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	BodyType BodyID
annotation	documentation Identification of the body which performed the RID check
source	<pre> <xs:element name="CheckingBody"> <xs:annotation> <xs:documentation>Identification of the body which performed the RID check</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="BodyType"> <xs:annotation> <xs:documentation>Following types of bodies are authorised (RID 1.4.3): </pre>

	<pre> 01 Carrier 02 Loader 03 Filler 04 Unloader</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="BodyID" type="CompanyCode"> <xs:annotation> <xs:documentation>4N Company Code</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RID_Checking/CheckingBody/BodyType**

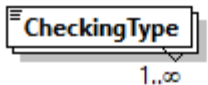
diagram	≡ BodyType Following types of bodies are authorised (RID 1.4.3): 01 Carrier 02 Loader 03 Filler 04 Unloader															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>01</td><td></td></tr><tr><td>enumeration</td><td>02</td><td></td></tr><tr><td>enumeration</td><td>03</td><td></td></tr><tr><td>enumeration</td><td>04</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	01		enumeration	02		enumeration	03		enumeration	04	
Kind	Value	Annotation														
enumeration	01															
enumeration	02															
enumeration	03															
enumeration	04															
annotation	documentation Following types of bodies are authorised (RID 1.4.3): 01 Carrier 02 Loader 03 Filler 04 Unloader															
source	<xs:element name="BodyType">															

	<pre> <xs:annotation> <xs:documentation>Following types of bodies are authorised (RID 1.4.3): 01 Carrier 02 Loader 03 Filler 04 Unloader</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RID_Checking/CheckingBody/BodyID**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation 4N Company Code												
source	<pre><xs:element name="BodyID" type="CompanyCode"> <xs:annotation> <xs:documentation>4N Company Code</xs:documentation> </xs:annotation> </xs:element></pre>												

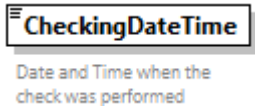
element **RID_Checking/CheckingType**

diagram	 1..∞ Following types of checks are authorised (RID 1.4.3): Carrier: 01 Prescribed documentation attached to transport documnt 02 Defects, leackages, cracks, missing equipment on wagons or equipment Loader: 11 Damage of packing 12 Compliance with prohibition on mixed loading 13 Uncleaned empty package Filler: 21 Date of next inspection of wagons 22 DG is filled only into authorized tanks 23 Permissible level of filling 24 Plackards, plates from RID chapter 5.3 are visible on wagon 25 Correct Closure of wagons / tanks 26 Leackage on wagons / tanks Unloader: 31 Damage of packages or of tanks 32 Required DG documentation available 33 Cleaning, degasing, decontamination of wagons from residues 34 Plackards, plates from RID chapter 5.3 are removed from wagon		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	minOcc	1	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	01	
	enumeration	02	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	21	
	enumeration	22	

	enumeration 23 enumeration 24 enumeration 25 enumeration 26 enumeration 31 enumeration 32 enumeration 33 enumeration 34
annotation	documentation Following types of checks are authorised (RID 1.4.3): Carrier: 01 Prescribed documentation attached to transport docuemnt 02 Defects, leakages, cracks, missing equipment on wagons or equipment Loader: 11 Damage of packing 12 Compliance with prohibition on mixed loading 13 Uncleaned empty package Filler: 21 Date of next inspection of wagons 22 DG is filled only into authorized tanks 23 Permissible level of filling 24 Plackards, plates from RID chapter 5.3 are visible on wagon 25 Correct Closure of wagons / tanks 26 Leakage on wagons / tanks Unloader: 31 Damage of packages or of tanks 32 Required DG documentation available 33 Cleaning, degasing, decontamination of wagons from residues 34 Plackards, plates from RID chapter 5.3 are removed from wagon
source	<pre> <xs:element name="CheckingType" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Following types of checks are authorised (RID 1.4.3): Carrier: 01 Prescribed documentation attached to transport docuemnt 02 Defects, leakages, cracks, missing equipment on wagons or equipment Loader: 11 Damage of packing 12 Compliance with prohibition on mixed loading 13 Uncleaned empty package Filler: 21 Date of next inspection of wagons 22 DG is filled only into authorized tanks 23 Permissible level of filling 24 Plackards, plates from RID chapter 5.3 are visible on wagon </pre>

	25 Correct Closure of wagons / tanks 26 Leackage on wagons / tanks Unloader: 31 Damage of packages or of tanks 32 Required DG documentation available 33 Cleaning, degasing, decontamination of wagons from residues 34 Plackards, plates from RID chapter 5.3 are removed from wagon </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="24"/> <xs:enumeration value="25"/> <xs:enumeration value="26"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="33"/> <xs:enumeration value="34"/> </xs:restriction> </xs:simpleType> </xs:element>

element **RID_Checking/CheckingDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Date and Time when the check was performed
source	<xs:element name="CheckingDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time when the check was performed</xs:documentation> </xs:annotation> </xs:element>

element **RID_Checking/CheckingLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation The location where the check took place
source	<pre><xs:element name="CheckingLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>The location where the check took place</xs:documentation> </xs:annotation> </xs:element></pre>

element **RID_Checking/CheckingResults**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple

facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>pattern</td><td>01</td><td></td></tr><tr><td>pattern</td><td>02</td><td></td></tr><tr><td>pattern</td><td>03</td><td></td></tr></table>	Kind	Value	Annotation	pattern	01		pattern	02		pattern	03	
Kind	Value	Annotation											
pattern	01												
pattern	02												
pattern	03												
annotation	documentation Description of the checks' results (in conjunction with the element CheckingType) and possible need for follow-up: 01 Results OK, no follow up needed during transportation 02 Results OK, but follow up needed during transportation 03 Results not OK, transportation rejected												
source	<pre><xs:element name="CheckingResults"> <xs:annotation> <xs:documentation>Description of the checks' results (in conjunction with the element CheckingType) and possible need for follow-up: 01 Results OK, no follow up needed during transportation 02 Results OK, but follow up needed during transportation 03 Results not OK, transportation rejected</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="01"/> <xs:pattern value="02"/> <xs:pattern value="03"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **RID_Class**

diagram	RID_Class The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																		
type	restriction of xs:string																		
properties	content simple																		
used by	element RID complexType DanGoodsType																		
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>enumeration</td><td>1</td><td>documentation Explosive substances and articles</td></tr><tr><td>enumeration</td><td>2</td><td>documentation Gases</td></tr><tr><td>enumeration</td><td>3</td><td>documentation</td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	4		enumeration	1	documentation Explosive substances and articles	enumeration	2	documentation Gases	enumeration	3	documentation
Kind	Value	Annotation																	
minLength	1																		
maxLength	4																		
enumeration	1	documentation Explosive substances and articles																	
enumeration	2	documentation Gases																	
enumeration	3	documentation																	

	enumeration 4.1 documentation Flammable liquids enumeration 4.2 documentation Flammable solids, self-reactive substances, polymerizing substances and solid desensitized explosives enumeration 4.3 documentation Substances liable to spontaneous combustion enumeration 5.1 documentation Substances which, in contact with water, emit flammable gases enumeration 5.2 documentation Oxidizing substances enumeration 6.1 documentation Organic peroxides enumeration 6.2 documentation Toxic substances enumeration 7 documentation Infectious substances enumeration 8 documentation Radioactive material enumeration 9 documentation Corrosive substances Miscellaneous dangerous substances and articles
annotation	documentation The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.
source	<pre> <xs:element name="RID_Class"> <xs:annotation> <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Explosive substances and articles</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Flammable liquids</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Flammable solids, self-reactive substances, polymerizing substances and solid desensitized explosives</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

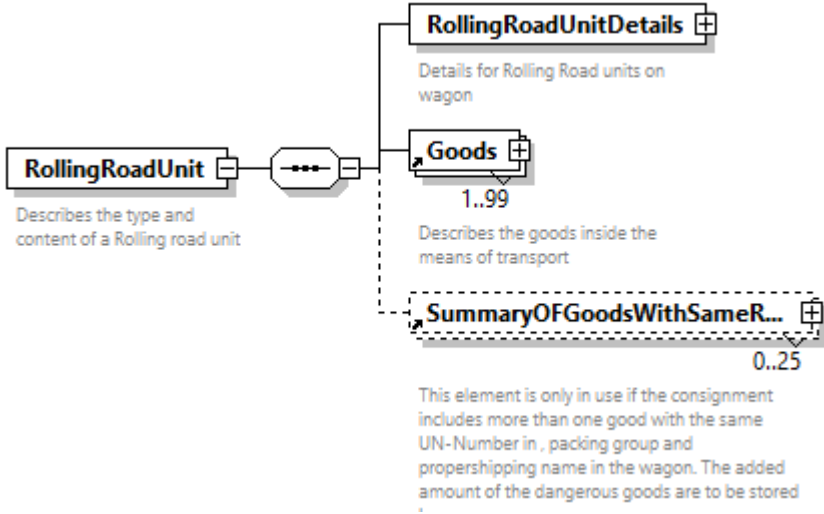
<xs:enumeration value="4.2">
  <xs:annotation>
    <xs:documentation>Substances liable to spontaneous
combustion</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.3">
  <xs:annotation>
    <xs:documentation>Substances which, in contact with water, emit
flammable gases</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5.1">
  <xs:annotation>
    <xs:documentation>Oxidizing substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5.2">
  <xs:annotation>
    <xs:documentation>Organic peroxides</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6.1">
  <xs:annotation>
    <xs:documentation>Toxic substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6.2">
  <xs:annotation>
    <xs:documentation>Infectious substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>Radioactive material</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>Corrosive substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>Miscellaneous dangerous substances and
articles</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **RID_NameAndDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element ListOfDangerousGoods									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>350</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	documentation RID name and description									
source	<pre><xs:element name="RID_NameAndDescription"> <xs:annotation> <xs:documentation>RID name and description</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RollingRoadUnit**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	RollingRoadUnitDetails Goods SummaryOfGoodsWithSameRID

used by	element Wagons/GoodsInWagon
annotation	documentation Describes the type and content of a Rolling road unit
source	<pre> <xs:element name="RollingRoadUnit"> <xs:annotation> <xs:documentation>Describes the type and content of a Rolling road unit</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RollingRoadUnitDetails"> <xs:annotation> <xs:documentation>Details for Rolling Road units on wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LoadingStatus"/> <xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0"> <xs:annotation> <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation> <xs:documentation>CODE:</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="3"/> <xs:enumeration value="HGZ"> <xs:annotation> <xs:documentation>articulated lorry</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SAL"> <xs:annotation> <xs:documentation>semi-trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MW"> <xs:annotation> <xs:documentation>motor vehicle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ANH"> <xs:annotation> <xs:documentation>trailer</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:sequence> </xs:complexType> </xs:sequence> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

</xs:element>
<xs:element name="Vehicles" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>List of vehicles loaded (i.e. truck and
trailer).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NumberPlate">
        <xs:annotation>
          <xs:documentation>Number plate of the
vehicle.</xs:documentation>
          <xs:documentation>READ: <br/> -
Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier <br/>
- Successive carrier<br/> (With the agreement of the consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="10"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="CountryCodeISO"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="TareWeightVehicle" type="WeightValueKilo">
  <xs:annotation>
    <xs:documentation>Total weight [kg] of vehicle (truck and
trailer).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Haulier" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Information concerning the
haulier.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Name">
        <xs:annotation>
          <xs:documentation>Name of haulier.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="CountryCodeISO"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Attendants" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>Attendants during the

```

```

transport.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="LastName">
                <xs:annotation>
                    <xs:documentation>Last name of
attendant.</xs:documentation>
                <xs:documentation>READ: <br/> -
Consignee</xs:documentation>
                <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
                <xs:documentation>AMEND: <br/> - Contractual carrier <br/>
- Successive carrier <br/> (With the agreement of the consignor)</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="25"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="FirstName" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Optional first name of the
attendant.</xs:documentation>
            <xs:documentation>READ: <br/> -
Consignee</xs:documentation>
            <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
            <xs:documentation>AMEND: <br/> - Contractual carrier <br/>
- Successive carrier <br/> (With the agreement of the consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="15"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="Goods" maxOccurs="99">
    <xs:annotation/>
</xs:element>
<xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0" maxOccurs="25"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```


element **RollingRoadUnit/RollingRoadUnitDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LoadingStatus RollingRoadUnitType Vehicles TareWeightVehicle Haulier Attendants
annotation	documentation Details for Rolling Road units on wagon
source	<pre> <xs:element name="RollingRoadUnitDetails"> <xs:annotation> <xs:documentation>Details for Rolling Road units on wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LoadingStatus"/> <xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0"> <xs:annotation> <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation> <xs:documentation>CODE:</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> </pre>

```

<xs:restriction base="xs:string">
  <xs:minLength value="1"/>
  <xs:maxLength value="3"/>
  <xs:enumeration value="HGZ">
    <xs:annotation>
      <xs:documentation>articulated lorry</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="SAL">
    <xs:annotation>
      <xs:documentation>semi-trailer</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="MW">
    <xs:annotation>
      <xs:documentation>motor vehicle</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="ANH">
    <xs:annotation>
      <xs:documentation>trailer</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Vehicles" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>List of vehicles loaded (i.e. truck and
trailer).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NumberPlate">
        <xs:annotation>
          <xs:documentation>Number plate of the vehicle.</xs:documentation>
          <xs:documentation>READ: <br/> - Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> - Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
Successive carrier<br/> (With the agreement of the consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="10"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="CountryCodeISO"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="TareWeightVehicle" type="WeightValueKilo">
  <xs:annotation>
    <xs:documentation>Total weight [kg] of vehicle (truck and

```

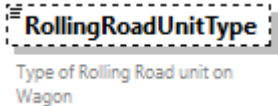
```

trailer).</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Haulier" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Information concerning the
haulier.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Name">
        <xs:annotation>
          <xs:documentation>Name of haulier.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="CountryCodeISO"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Attendants" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>Attendants during the transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LastName">
        <xs:annotation>
          <xs:documentation>Last name of attendant.</xs:documentation>
          <xs:documentation>READ: <br/> - Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> - Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
Successive carrier <br/> (With the agreement of the consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="25"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="FirstName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Optional first name of the
attendant.</xs:documentation>
          <xs:documentation>READ: <br/> - Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> - Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
Successive carrier <br/> (With the agreement of the consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="15"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

	<pre> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingRoadUnit/RollingRoadUnitDetails/RollingRoadUnitType**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
	default	HGZ	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	3	
	enumeration	HGZ	documentation articulated lorry
	enumeration	SAL	documentation semi-trailer
	enumeration	MW	documentation motor vehicle
	enumeration	ANH	documentation trailer
annotation	documentation Type of Rolling Road unit on Wagon documentation CODE: documentation READ: - Consignee documentation WRITE: - Consignor documentation AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)		
source	<pre> <xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0"> <xs:annotation> <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation> <xs:documentation>CODE:</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </pre>		

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="3"/> <xs:enumeration value="HGZ"> <xs:annotation> <xs:documentation>articulated lorry</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SAL"> <xs:annotation> <xs:documentation>semi-trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MW"> <xs:annotation> <xs:documentation>motor vehicle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ANH"> <xs:annotation> <xs:documentation>trailer</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles**

diagram	The diagram illustrates the structure of the Vehicles element. It is a dashed box labeled Vehicles with a multiplicity of 0..2 and a description: "List of vehicles loaded (i.e. truck and trailer).". It is connected to two child elements: NumberPlate (described as "Number plate of the vehicle.") and CountryCodeISO (described as "Identifies a County or State by code (ISO 3166-1)").
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 2 content complex
children	NumberPlate CountryCodeISO
annotation	documentation List of vehicles loaded (i.e. truck and trailer).
source	<pre> <xs:element name="Vehicles" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation>List of vehicles loaded (i.e. truck and trailer).</xs:documentation> </xs:annotation> <xs:complexType> </pre>

	<pre> <xs:sequence> <xs:element name="NumberPlate"> <xs:annotation> <xs:documentation>Number plate of the vehicle.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="CountryCodeISO"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles/NumberPlate**

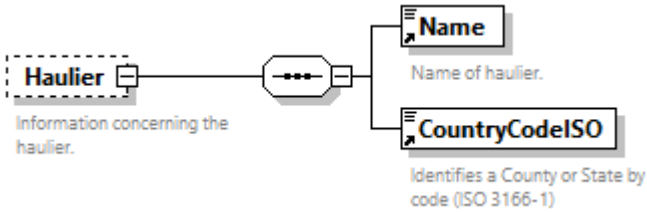
diagram	≡ NumberPlate Number plate of the vehicle.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>10</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
annotation	documentation Number plate of the vehicle. documentation READ:
 - Consignee documentation WRITE:
 - Consignor documentation AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)									
source	<pre><xs:element name="NumberPlate"> <xs:annotation> <xs:documentation>Number plate of the vehicle.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType></pre>									

	<pre> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle**

diagram	TareWeightVehicle Total weight [kg] of vehicle (truck and trailer).												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Total weight [kg] of vehicle (truck and trailer).												
source	<pre><xs:element name="TareWeightVehicle" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight [kg] of vehicle (truck and trailer).</xs:documentation> </xs:annotation> </xs:element></pre>												

element **RollingRoadUnit/RollingRoadUnitDetails/Haulier**

diagram	 Haulier Information concerning the haulier. Name Name of haulier. CountryCodeISO Identifies a County or State by code (ISO 3166-1)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Name CountryCodeISO
annotation	documentation Information concerning the haulier.
source	<pre> <xs:element name="Haulier" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>Information concerning the haulier.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"> <xs:annotation> <xs:documentation>Name of haulier.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="CountryCodeISO"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 2 content complex
children	LastName FirstName
annotation	documentation Attendants during the transport.
source	<pre> <xs:element name="Attendants" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation>Attendants during the transport.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:element> <xs:element name="FirstName" minOccurs="0"> <xs:annotation> <xs:documentation>Optional first name of the attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/LastName**

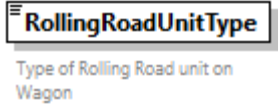
diagram	☰ LastName Last name of attendant.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>25</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	25	
Kind	Value	Annotation								
minLength	1									
maxLength	25									
annotation	documentation Last name of attendant. documentation READ:
 - Consignee documentation WRITE:
 - Consignor documentation AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)									
source	<pre><xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType></pre>									

	<pre> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/FirstName**

diagram	≡ FirstName Optional first name of the attendant.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 15
annotation	documentation Optional first name of the attendant. documentation READ:
 - Consignee documentation WRITE:
 - Consignor documentation AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)
source	<pre><xs:element name="FirstName" minOccurs="0"> <xs:annotation> <xs:documentation>Optional first name of the attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RollingRoadUnitType**

diagram	 The diagram shows a box labeled RollingRoadUnitType with a small icon to its left. Below the box, it says "Type of Rolling Road unit on Wagon".		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	HGZ	documentation articulated lorry
	enumeration	SAL	documentation semi-trailer
	enumeration	MW	documentation motor vehicle
	enumeration	ANH	documentation trailer
annotation	documentation Type of Rolling Road unit on Wagon		
source	<pre> <xs:element name="RollingRoadUnitType"> <xs:annotation> <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="HGZ"> <xs:annotation> <xs:documentation>articulated lorry</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SAL"> <xs:annotation> <xs:documentation>semi-trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MW"> <xs:annotation> <xs:documentation>motor vehicle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ANH"> <xs:annotation> <xs:documentation>trailer</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

element **RollingStockDataset**

diagram	<pre> classDiagram class RollingStockDataset { "Rolling Stock administrative and Technical Dataset" } class AdministrativeDataSet class DesignDataSet RollingStockDataset "1" -- "*" AdministrativeDataSet RollingStockDataset "1" -- "*" DesignDataSet </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	AdministrativeDataSet DesignDataSet
used by	element RollingStockDatasetMessage
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre> <xs:element name="RollingStockDataset"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="AdministrativeDataSet"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RegistrationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO country code of registration country</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DatePutIntoService"> <xs:annotation> <xs:documentation>Date of first operation</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>End date for restricted authorisation (special case)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SuspensionOfAuthorisation" type="xs:boolean"> <xs:annotation> <xs:documentation>Information if authorisation has been suspended </pre>

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by the authority</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DateSuspensionOfAuthorisation" type="xs:date"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date of the suspension of authorisation; must be
provided in case of suspension</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MultilateralAuthorisationCountries"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation> ISO country code of countries where the wagon
is authorised (applies only in case of limited interoperability); first entry
indicates the initial authorisation country</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ChannelTunnelPermitted" type="xs:boolean"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indication if wagon is allowed to pass the
Channel Tunnel - if the transport is planned between UK and France and should use
Eurotunnel infrastructure.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="QuieterRoutesExemptionCountry"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>ISO code of country where the wagon has an
exemption in accordance with TSI Noise to run on quieter routes although it is not
TSI noise compliant</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="KeeperShortNameVKM">
  <xs:annotation>
    <xs:documentation>Vehicle Keeper Marking of the wagon keeper as
listed in VKM register (https://www.era.europa.eu/domains/register/vkm\_en,
column B - without special characters)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ECM">
  <xs:annotation>
    <xs:documentation> Full name of the assigned Entity in Charge of
Maintenance</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PlannedChangeOfECM" minOccurs="0">
  <xs:complexType>
    <xs:sequence>

```

```

<xs:element name="CurrentECMAssignedUntil" type="xs:date">
  <xs:annotation>
    <xs:documentation> Date until the current Entity in Charge
of Maintenance is assigned to the wagon</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SubsequentECM">
  <xs:annotation>
    <xs:documentation> Full name of the following Entity in
Charge of Maintenance</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ECMCertificate">
  <xs:annotation>
    <xs:documentation>ECM certificate information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="EINNumber">
        <xs:annotation>
          <xs:documentation>ECM certificate reference number
NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full
description and code lists.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="CountryCodeISO"/>
            <xs:element name="TypeDocumentEIN" type="Numeric2-2">
              <xs:annotation>
                <xs:documentation>Code List Candidate:
31, 34</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="CounterAccreditedRecognizedBody"
type="Numeric0-2"/>
            <xs:element name="EINYear" type="Numeric2-2"/>
            <xs:element name="EINCounter">
              <xs:simpleType>
                <xs:restriction base="xs:integer">
                  <xs:minInclusive value="0"/>
                  <xs:maxInclusive value="9999"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>

```

```

<xs:element name="ECMCertificateValidFrom" type="xs:date">
  <xs:annotation>
    <xs:documentation>Certificate valid from
date</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ECMCertificateValidTo" type="xs:date">
  <xs:annotation>
    <xs:documentation>Certificate valid to
date</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Certificate covers tank wagons for
dangerous goods</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Certificate covers other wagons
specialised in transport of dangerous goods</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ECMCertificateSuspended" type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Identification if certificate has been
suspended for any reason</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DateECMCertificateSuspended" type="xs:date"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date of the suspension of the ECM
certificate; must be provided in case of suspension</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="InteropCapability">
  <xs:annotation>
    <xs:documentation>Identification of the general interoperability
capability of the wagon
The following values/codes are proposed for the usage (defined in the
InteropCapabilityCode):

01 = National
02 = Bi-/Multilateral (with agreement or authorisation grid)

03 = RIV
05 = TEN

```

06 = TEN-GE

07 = TEN-CW

08 = TEN RIV</xs:documentation>

</xs:annotation>

</xs:element>

<xs:element name="GCUWagon" type="xs:boolean">

<xs:annotation>

<xs:documentation>Indication if wagon is operated under the GCU contract</xs:documentation>

</xs:annotation>

</xs:element>

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="DesignDataSet">

<xs:complexType>

<xs:sequence>

<xs:element name="LetterMarking">

<xs:annotation>

<xs:documentation>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</xs:documentation>

</xs:annotation>

<xs:simpleType>

<xs:restriction base="xs:string">

<xs:maxLength value="20"/>

</xs:restriction>

</xs:simpleType>

</xs:element>

<xs:element name="TankCode" minOccurs="0">

<xs:annotation>

<xs:documentation>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</xs:documentation>

</xs:annotation>

<xs:simpleType>

<xs:restriction base="xs:string">

<xs:maxLength value="20"/>

</xs:restriction>

</xs:simpleType>

</xs:element>

<xs:element ref="WagonNumberOfAxles"/>

<xs:element name="WheelSetType" minOccurs="0">

<xs:annotation>

<xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation>

</xs:annotation>

<xs:simpleType>

<xs:restriction base="xs:string">

<xs:maxLength value="256"/>

</xs:restriction>

</xs:simpleType>

</xs:element>


```

<xs:element ref="WheelDiameter" minOccurs="0"/>
<xs:element ref="WheelsetGauge" minOccurs="0"
maxOccurs="unbounded"/>
<xs:element ref="WheelSetTransformationMethod" minOccurs="0"/>
<xs:element ref="NumberOfBogies" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of bogies for a wagon (applies for bogie
wagons only)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="BogiePitch" minOccurs="0"/>
<xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Largest distance between two adjacent bogie
pitches in mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="InnerWheelbase" type="Numeric1-5">
  <xs:annotation>
    <xs:documentation>Maximum distance between two adjacent axles in
mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="CouplingType" minOccurs="0"/>
<xs:element name="BufferType" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Classification of buffer. The following values
are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2
(150), L4 (130), L4 (150)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="NormalLoadingGauge" minOccurs="0"/>
<xs:element ref="MinCurveRadius">
  <xs:annotation>
    <xs:documentation> Minimum allowed curve radius due to design
characteristics, measured in meters</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="MinVerticalRadiusYardHump" minOccurs="0"/>
<xs:element ref="WagonWeightEmpty">
  <xs:annotation>
    <xs:documentation>Weight of the empty wagon (tara weight) in
kg</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LengthOverBuffers"/>
<xs:element ref="MaxAxleWeight"/>
<xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates the load tables marked on the wagon.

```

When load tables are marked on the wagon the information must be provided in the RSRD message.

Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively.

For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided.

The complete load table must be provided including the empty load row (if existent).

```
</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="LoadTableProduct" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Product description, only applies for
product-specific load tables</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="ProductUNCode" type="Numeric4-4">
            <xs:annotation>
              <xs:documentation>UN code of product if product
specific load table</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="ProductRIDName">
            <xs:annotation>
              <xs:documentation> RID product name as written on the
folding panel</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="256"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="LoadTableCountry" type="CountryIdentISO"
minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>ISO country code of countries for
additional load tables</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="SpeedCategory" type="Numeric1-5"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Numeric speed in load table, without speed
empty in km/h</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="LoadTableStars" minOccurs="0">
      <xs:annotation>
```

```

        <xs:documentation>Number of load table stars. Currently
        recognized values/codes:
        1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not
        meet all the requirements for 100 km/h conditions
        2 = Authorised to run loaded in trains up to 120 km/h with a brake that does not
        meet all the requirements for 120 km/h conditions
        3 = Authorised to run loaded in trains up to 120 km/h with a brake that does not
        meet all the requirements for 120 km/h conditions. Wagon is fitted with an automatic
        load-proportional braking system.
    </xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="RouteClassPayloads" maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="RouteClass"/>
            <xs:element name="MaxPayload" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>Maximum payload in tonns of line
                    category; number of entries must fit to number of entries in
                    SpeedCategory</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:decimal">
                        <xs:totalDigits value="4"/>
                        <xs:fractionDigits value="1"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="MaxDesignSpeed"/>
<xs:element ref="AirBrake"/>
<xs:element ref="HandBrake">
    <xs:annotation>
        <xs:documentation>Characteristics of hand
        brake</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="DerailmentDetectionDevice"
type="DerailmentDetectionDevice" minOccurs="0"/>
<xs:element name="BrakeBlock" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Characteristics of brake
        blocks</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="BrakeBlockName" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Name of the brake block type, including

```

```

the length in mm</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="CompositeBrakeBlockRetrofitted"
type="xs:boolean" minOccurs="0">
    <xs:annotation>
        <xs:documentation> Indication if composite brake blocks are
retrofitted or originally equipped</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="CompositeBrakeBlockInstallationDate"
type="xs:date" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Date of composite brake block
installation, for originally equipped wagon = date put into
service</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="WagonTelematics" type="WagonTelematics"
minOccurs="0">
    <xs:annotation>
        <xs:documentation xml:lang="en">Information about telematics
devices mounted on the wagon.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="MaxLengthOfLoad" minOccurs="0">
    <xs:annotation>
        <xs:documentation> Maximum length of the load measured in mm
</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="LoadArea" minOccurs="0"/>
<xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Height of the loading plane when wagon is empty
measured in mm</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="RemovableAccessories" minOccurs="0"
maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="TypeOfRemovableAccessories">
                <xs:annotation>
                    <xs:documentation>Specification of removable accessory.
TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13:

```

01 = Removable stanchion
 02 = Removable side flap of flat wagon
 03 = Removable end flap of flat wagon
 04 = Removable side rail
 05 = Removable intermediate upright for securing the load
 06 = Stanchion chain
 07 = Removable handle and wheel for winch on car-carrying wagon
 08 = Swivelling bolster (with stanchions)
 09 = Coupling rod (rigid coupling)
 10 = Ice bunker
 11 = Ice bunker screen
 12 = Ice bunker frame
 13 = Trestle or bar with hooks for hanging meat
 14 = Movable cross-member of wagon with low loading plane
 15 = Removable support
 16 = Mooring cross-member on wagon for special loads
 17 = Movable floor panel on wagon for special loads
 18 = Scotch
 19 = Skid bar with or without shoes on car-carrying wagon
 20 = Mooring strap on car-carrying wagon
 21 = Beam for movable ramp on car-carrying wagon
 22 = Spare heating half-coupling
 23 = Fire extinguisher
 24 = Wheel scotches (for cars) on car-carrying wagon
 25 = Gangway loading ramp on car-carrying wagon
 26 = Metal cradles for rolls of metal sheeting
 27 = Panel for covering markings
 28 = Loading frame for special types of goods
 29 = Headstock for "rolling roads"
 99 = Other wagon accessories

```

</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="NumberOfAccessorOfSpecType"
type="Numeric2-2">
    <xs:annotation>
      <xs:documentation>Number of specified accessory equipped on
the wagon</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="LoadingCapacity" minOccurs="0"/>
<xs:element ref="MaxGrossWeight">
  <xs:annotation>
    <xs:documentation>Weight of max Gross Load Weight plus the tare
weight of the equipment in kg</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="VapourReturnSystem" type="xs:boolean"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indication if tank wagon is equipped with a
vapour return system</xs:documentation>
  
```

```

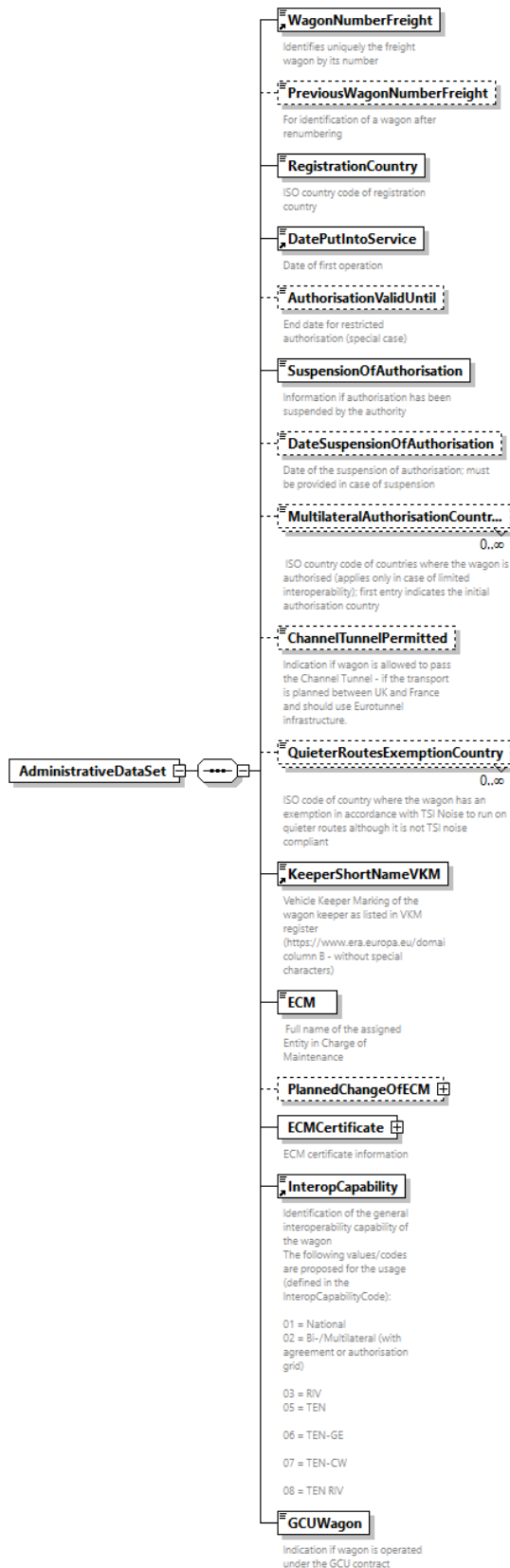
        </xs:annotation>
      </xs:element>
      <xs:element name="Hitch" minOccurs="0" maxOccurs="2"/>
      <xs:element ref="FerryPermittedFlag" minOccurs="0">
        <xs:annotation>
          <xs:documentation> Indication if wagon is permitted to be used on
ferries</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="FerryRampAngle" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Maximum allowed angle of the ferry ramp (in
grades: °)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:decimal">
            <xs:totalDigits value="3"/>
            <xs:fractionDigits value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="TemperatureRange" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:annotation>
              <xs:documentation>Temperature Range</xs:documentation>
            </xs:annotation>
            <xs:element ref="MaxTemp"/>
            <xs:element ref="MinTemp"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element ref="TechnicalForwardingRestrictions" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>Restrictions relevant to wagon operations in
train formation, yards or in trains due to design characteristics.
Type will be the RestrictionCode instead of ForwardingRestrictionType, according
to 920-13: annotation will carry the information that only thetechnical parameters
are allowed to be used here. Only the code numbers should be in the
annotation</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="DateLastOverhaul">
        <xs:annotation>
          <xs:documentation>Date of the last overhaul, if yet no overhaul
date of putting into service</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="OverhaulValidityPeriod"/>
      <xs:element ref="PermittedTolerance"/>
      <xs:element ref="PlannedDateNextOverhaul" minOccurs="0"/>
      <xs:element name="DateOfNextTankInspection" type="xs:date"
minOccurs="0">
        <xs:annotation>

```

	<pre> <xs:documentation>Date of the next tank inspection, applies only for tank wagons</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element RollingStockDataset/AdministrativeDataSet

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonNumberFreight PreviousWagonNumberFreight RegistrationCountry DatePutIntoService AuthorisationValidUntil SuspensionOfAuthorisation DateSuspensionOfAuthorisation MultilateralAuthorisationCountries ChannelTunnelPermitted QuieterRoutesExemptionCountry KeeperShortNameVKM ECM PlannedChangeOfECM ECMCertificate InteropCapability GCUWagon
source	<pre> <xs:element name="AdministrativeDataSet"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RegistrationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO country code of registration country</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DatePutIntoService"> <xs:annotation> <xs:documentation>Date of first operation</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>End date for restricted authorisation (special case)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SuspensionOfAuthorisation" type="xs:boolean"> <xs:annotation> <xs:documentation>Information if authorisation has been suspended by the authority</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of authorisation; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation> ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates </pre>

```

the initial authorisation country</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ChannelTunnelPermitted" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indication if wagon is allowed to pass the Channel
Tunnel - if the transport is planned between UK and France and should use Eurotunnel
infrastructure.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="QuieterRoutesExemptionCountry" type="CountryIdentISO"
minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>ISO code of country where the wagon has an exemption
in accordance with TSI Noise to run on quieter routes although it is not TSI noise
compliant</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="KeeperShortNameVKM">
  <xs:annotation>
    <xs:documentation>Vehicle Keeper Marking of the wagon keeper as listed
in VKM register (https://www.era.europa.eu/domains/registers/vkm\_en, column B -
without special characters)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ECM">
  <xs:annotation>
    <xs:documentation> Full name of the assigned Entity in Charge of
Maintenance</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PlannedChangeOfECM" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CurrentECMAssignedUntil" type="xs:date">
        <xs:annotation>
          <xs:documentation> Date until the current Entity in Charge of
Maintenance is assigned to the wagon</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="SubsequentECM">
        <xs:annotation>
          <xs:documentation> Full name of the following Entity in Charge of
Maintenance</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="ECMCertificate">
    <xs:annotation>
      <xs:documentation>ECM certificate information</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="EINNumber">
          <xs:annotation>
            <xs:documentation>ECM certificate reference number
NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full
description and code lists.</xs:documentation>
          </xs:annotation>
        </xs:complexType>
        <xs:sequence>
          <xs:element ref="CountryCodeISO"/>
          <xs:element name="TypeDocumentEIN" type="Numeric2-2">
            <xs:annotation>
              <xs:documentation>Code List Candidate:
31, 34</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="CounterAcreditedRecognizedBody"
type="Numeric0-2"/>
          <xs:element name="EINYear" type="Numeric2-2"/>
          <xs:element name="EINCounter">
            <xs:simpleType>
              <xs:restriction base="xs:integer">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="9999"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="ECMCertificateValidFrom" type="xs:date">
      <xs:annotation>
        <xs:documentation>Certificate valid from date</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ECMCertificateValidTo" type="xs:date">
      <xs:annotation>
        <xs:documentation>Certificate valid to date</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
      <xs:annotation>
        <xs:documentation>Certificate covers tank wagons for dangerous
goods</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

```

        </xs:element>
        <xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
            <xs:annotation>
                <xs:documentation>Certificate covers other wagons specialised in
transport of dangerous goods</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="ECMCertificateSuspended" type="xs:boolean">
            <xs:annotation>
                <xs:documentation>Identification if certificate has been
suspended for any reason</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="DateECMCertificateSuspended" type="xs:date"
minOccurs="0">
            <xs:annotation>
                <xs:documentation>Date of the suspension of the ECM certificate;
must be provided in case of suspension</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="InteropCapability">
    <xs:annotation>
        <xs:documentation>Identification of the general interoperability
capability of the wagon
The following values/codes are proposed for the usage (defined in the
InteropCapabilityCode):

01 = National
02 = Bi-/Multilateral (with agreement or authorisation grid)

03 = RIV
05 = TEN

06 = TEN-GE

07 = TEN-CW

08 = TEN RIV</xs:documentation>
    </xs:annotation>
</xs:element>
    <xs:element name="GCUWagon" type="xs:boolean">
        <xs:annotation>
            <xs:documentation>Indication if wagon is operated under the GCU
contract</xs:documentation>
        </xs:annotation>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

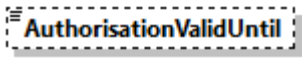
element **RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight**

diagram	PreviousWagonNumberFreight For identification of a wagon after renumbering									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	WagonIdent									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>maxLength</td><td>12</td><td></td></tr><tr><td>pattern</td><td>[0-9]{12}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	maxLength	12		pattern	[0-9]{12}	
Kind	Value	Annotation								
maxLength	12									
pattern	[0-9]{12}									
annotation	documentation For identification of a wagon after renumbering									
source	<pre><xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </xs:element></pre>									

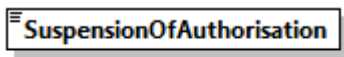
element **RollingStockDataset/AdministrativeDataSet/RegistrationCountry**

diagram	RegistrationCountry ISO country code of registration country									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation ISO country code of registration country									
source	<pre><xs:element name="RegistrationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO country code of registration country</xs:documentation> </xs:annotation> </xs:element></pre>									

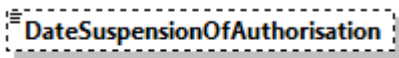
element **RollingStockDataset/AdministrativeDataSet/AuthorisationValidUntil**

diagram	 End date for restricted authorisation (special case)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation End date for restricted authorisation (special case)
source	<pre><xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>End date for restricted authorisation (special case)</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/SuspensionOfAuthorisation**

diagram	 Information if authorisation has been suspended by the authority
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Information if authorisation has been suspended by the authority
source	<pre><xs:element name="SuspensionOfAuthorisation" type="xs:boolean"> <xs:annotation> <xs:documentation>Information if authorisation has been suspended by the authority</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/DateSuspensionOfAuthorisation**

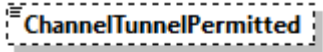
diagram	 Date of the suspension of authorisation; must be provided in case of suspension
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date

properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the suspension of authorisation; must be provided in case of suspension
source	<pre><xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of authorisation; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries**

diagram	MultilateralAuthorisationCountr... 0..∞ ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	minOcc 0 maxOcc unbounded content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country									
source	<pre><xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation> ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/AdministrativeDataSet/ChannelTunnelPermitted**

diagram	 Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.
source	<pre><xs:element name="ChannelTunnelPermitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.</xs:documentation> </xs:annotation> </xs:element></pre>

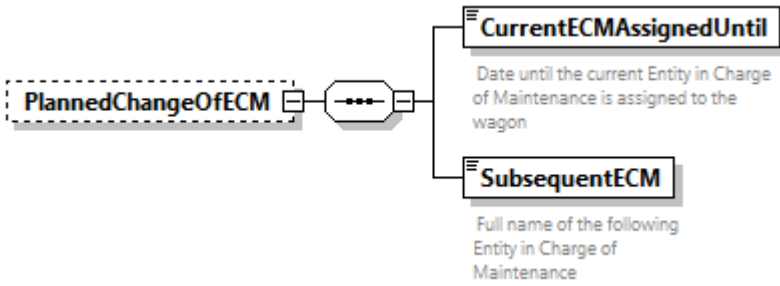
element **RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry**

diagram	QuieterRoutesExemptionCountry 0..∞ ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	minOcc 0 maxOcc unbounded content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant									
source	<pre><xs:element name="QuieterRoutesExemptionCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/AdministrativeDataSet/ECM**

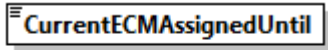
diagram	ECM Full name of the assigned Entity in Charge of Maintenance						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>256</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation Full name of the assigned Entity in Charge of Maintenance						
source	<pre><xs:element name="ECM"> <xs:annotation> <xs:documentation> Full name of the assigned Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	CurrentECMAssignedUntil SubsequentECM
source	<pre> <xs:element name="PlannedChangeOfECM" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="CurrentECMAssignedUntil" type="xs:date"> <xs:annotation> <xs:documentation> Date until the current Entity in Charge of Maintenance is assigned to the wagon</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SubsequentECM" type="xs:string"> <xs:annotation> <xs:documentation> Full name of the following Entity in Charge of Maintenance</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:annotation> </xs:element> <xs:element name="SubsequentECM"> <xs:annotation> <xs:documentation> Full name of the following Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/CurrentECMAssignedUntil**

diagram	 Date until the current Entity in Charge of Maintenance is assigned to the wagon
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
annotation	documentation Date until the current Entity in Charge of Maintenance is assigned to the wagon
source	<pre> <xs:element name="CurrentECMAssignedUntil" type="xs:date"> <xs:annotation> <xs:documentation> Date until the current Entity in Charge of Maintenance is assigned to the wagon</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/SubsequentECM**

diagram	 Full name of the following Entity in Charge of Maintenance
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation

	maxLength 256
annotation	documentation Full name of the following Entity in Charge of Maintenance
source	<pre> <xs:element name="SubsequentECM"> <xs:annotation> <xs:documentation> Full name of the following Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate**

diagram	<pre> graph LR ECMCertificate[ECMCertificate ECM certificate information] --- Seq((...)) Seq --- EINNumber[EINNumber ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.] Seq --- ECMCertificateValidFrom[ECMCertificateValidFrom Certificate valid from date] Seq --- ECMCertificateValidTo[ECMCertificateValidTo Certificate valid to date] Seq --- CoversTankWagonsForDangerousGoods[CoversTankWagonsForDangerousGoods Certificate covers tank wagons for dangerous goods] Seq --- CoversNonTankWagonsForDangerousGoods[CoversNonTankWagonsForDangerousGoods Certificate covers other wagons specialised in transport of dangerous goods] Seq --- ECMCertificateSuspended[ECMCertificateSuspended Identification if certificate has been suspended for any reason] Seq -.-> DateECMCertificateSuspended[DateECMCertificateSuspended Date of the suspension of the ECM certificate; must be provided in case of suspension] </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	EINNumber ECMCertificateValidFrom ECMCertificateValidTo CoversTankWagonsForDangerousGoods CoversNonTankWagonsForDangerousGoods ECMCertificateSuspended DateECMCertificateSuspended

annotation	documentation ECM certificate information
source	<pre> <xs:element name="ECMCertificate"> <xs:annotation> <xs:documentation>ECM certificate information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EINNumber"> <xs:annotation> <xs:documentation>ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CounterAccreditedRecognizedBody" type="Numeric0-2"/> <xs:element name="EINYear" type="Numeric2-2"/> <xs:element name="EINCounter"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ECMCertificateValidFrom" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid from date</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ECMCertificateValidTo" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid to date</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers tank wagons for dangerous goods</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"> </pre>

	<pre> <xs:annotation> <xs:documentation>Certificate covers other wagons specialised in transport of dangerous goods</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ECMCertificateSuspended" type="xs:boolean"> <xs:annotation> <xs:documentation>Identification if certificate has been suspended for any reason</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of the ECM certificate; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber**

diagram	<pre> graph LR EINNumber[ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.] --- Container(()) Container --- CountryCodeISO[CountryCodeISO Identifies a County or State by code (ISO 3166-1)] Container --- TypeDocumentEIN[TypeDocumentEIN Code List Candidate: 31, 34] Container --- CounterAcreditedRecognizedB[CounterAcreditedRecognizedB...] Container --- EINYear[EINYear] Container --- EINCounter[EINCounter] </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CountryCodeISO TypeDocumentEIN CounterAcreditedRecognizedBody EINYear EINCounter
annotation	documentation ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.
source	<pre> <xs:element name="EINNumber"> <xs:annotation> <xs:documentation>ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</xs:documentation> </xs:annotation> </pre>

	<pre> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CounterAccreditedRecognizedBody" type="Numeric0-2"/> <xs:element name="EINYear" type="Numeric2-2"/> <xs:element name="EINCounter"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN**

diagram	TypeDocumentEIN Code List Candidate: 31, 34									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric2-2									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>01</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Code List Candidate: 31, 34									
source	<pre><xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element></pre>									

element

RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecognizedBody

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric0-2									
properties	content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>00</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	00		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	00									
maxInclusive	99									
source	<xs:element name="CounterAcreditedRecognizedBody" type="Numeric0-2"/>									

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	Numeric2-2		
properties	content simple		
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
source	<xs:element name="EINYear" type="Numeric2-2"/>		

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINCounter**

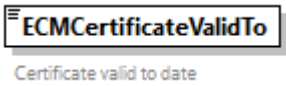
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	9999									
source	<pre><xs:element name="EINCounter"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<code></xs:simpleType></code> <code></xs:element></code>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidFrom**

diagram	 ECMCertificateValidFrom Certificate valid from date
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
annotation	documentation Certificate valid from date
source	<pre><xs:element name="ECMCertificateValidFrom" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid from date</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidTo**

diagram	 ECMCertificateValidTo Certificate valid to date
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
annotation	documentation Certificate valid to date
source	<pre><xs:element name="ECMCertificateValidTo" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid to date</xs:documentation> </xs:annotation> </xs:element></pre>

element

RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversTankWagonsForDangerousGoods

diagram	 CoversTankWagonsForDangero... Certificate covers tank wagons for dangerous goods
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	xs:boolean
properties	content simple
annotation	documentation Certificate covers tank wagons for dangerous goods
source	<pre> <xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers tank wagons for dangerous goods</xs:documentation> </xs:annotation> </xs:element> </pre>

element

RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversNonTankWagonsForDangerousGoods

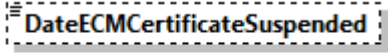
diagram	 Certificate covers other wagons specialised in transport of dangerous goods
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Certificate covers other wagons specialised in transport of dangerous goods
source	<pre> <xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers other wagons specialised in transport of dangerous goods</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateSuspended**

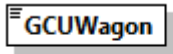
diagram	 Identification if certificate has been suspended for any reason
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Identification if certificate has been suspended for any reason
source	<pre> <xs:element name="ECMCertificateSuspended" type="xs:boolean"> <xs:annotation> <xs:documentation>Identification if certificate has been suspended for any </pre>

	<pre> reason</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/DateECMCertificateSuspended**

diagram	 Date of the suspension of the ECM certificate; must be provided in case of suspension
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the suspension of the ECM certificate; must be provided in case of suspension
source	<pre> <xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of the ECM certificate; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RollingStockDataset/AdministrativeDataSet/GCUWagon**

diagram	 Indication if wagon is operated under the GCU contract
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Indication if wagon is operated under the GCU contract
source	<pre> <xs:element name="GCUWagon" type="xs:boolean"> <xs:annotation> <xs:documentation>Indication if wagon is operated under the GCU contract</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet**

diagram

[illegible]

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LetterMarking TankCode WagonNumberOfAxles WheelSetType WheelDiameter WheelsetGauge WheelSetTransformationMethod NumberOfBogies BogiePitch BogiePivotPitch InnerWheelbase CouplingType BufferType NormalLoadingGauge MinCurveRadius MinVerticalRadiusYardHump WagonWeightEmpty LengthOverBuffers MaxAxleWeight LoadTable MaxDesignSpeed AirBrake HandBrake DerailmentDetectionDevice BrakeBlock WagonTelematics MaxLengthOfLoad LoadArea HeightOfLoadingPlaneUnladen RemovableAccessories LoadingCapacity MaxGrossWeight VapourReturnSystem Hitch FerryPermittedFlag FerryRampAngle TemperatureRange TechnicalForwardingRestrictions DateLastOverhaul OverhaulValidityPeriod PermittedTolerance PlannedDateNextOverhaul DateOfNextTankInspection
source	<pre> <xs:element name="DesignDataSet"> <xs:complexType> <xs:sequence> <xs:element name="LetterMarking"> <xs:annotation> <xs:documentation>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TankCode" minOccurs="0"> <xs:annotation> <xs:documentation>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WagonNumberOfAxles"/> <xs:element name="WheelSetType" minOccurs="0"> <xs:annotation> <xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WheelDiameter" minOccurs="0"/> <xs:element ref="WheelsetGauge" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="WheelSetTransformationMethod" minOccurs="0"/> </pre>

```

<xs:element ref="NumberOfBogies" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of bogies for a wagon (applies for bogie wagons
only)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="BogiePitch" minOccurs="0"/>
<xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Largest distance between two adjacent bogie pitches in
mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="InnerWheelbase" type="Numeric1-5">
  <xs:annotation>
    <xs:documentation>Maximum distance between two adjacent axles in
mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="CouplingType" minOccurs="0"/>
<xs:element name="BufferType" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Classification of buffer. The following values are
mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150),
L4 (130), L4 (150)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="NormalLoadingGauge" minOccurs="0"/>
<xs:element ref="MinCurveRadius">
  <xs:annotation>
    <xs:documentation> Minimum allowed curve radius due to design
characteristics, measured in meters</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="MinVerticalRadiusYardHump" minOccurs="0"/>
<xs:element ref="WagonWeightEmpty">
  <xs:annotation>
    <xs:documentation>Weight of the empty wagon (tara weight) in
kg</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LengthOverBuffers"/>
<xs:element ref="MaxAxleWeight"/>
<xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates the load tables marked on the wagon.
When load tables are marked on the wagon the information must be provided in the
RSRD message.
Several load tables (international, product specific for LPG wagons and
additional/country specific) can be specified by providing the element several times

```

consecutively.

For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided.

The complete load table must be provided including the empty load row (if existent).

```
</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="LoadTableProduct" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Product description, only applies for
product-specific load tables</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ProductUNCode" type="Numeric4-4">
      <xs:annotation>
        <xs:documentation>UN code of product if product specific
load table</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ProductRIDName">
      <xs:annotation>
        <xs:documentation>RID product name as written on the folding
panel</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="256"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="LoadTableCountry" type="CountryIdentISO"
minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>ISO country code of countries for additional
load tables</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SpeedCategory" type="Numeric1-5"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Numeric speed in load table, without speed empty
in km/h</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LoadTableStars" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of load table stars. Currently recognized
values/codes:
1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not
meet all the requirements for 100 km/h conditions
```

2 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions
 3 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions. Wagon is fitted with an automatic load-proportional braking system.

```

</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RouteClassPayloads" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="RouteClass"/>
      <xs:element name="MaxPayload" maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>Maximum payload in tonns of line category;
number of entries must fit to number of entries in SpeedCategory</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:decimal">
            <xs:totalDigits value="4"/>
            <xs:fractionDigits value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="MaxDesignSpeed"/>
<xs:element ref="AirBrake"/>
<xs:element ref="HandBrake">
  <xs:annotation>
    <xs:documentation>Characteristics of hand brake</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DerailmentDetectionDevice"
type="DerailmentDetectionDevice" minOccurs="0"/>
  <xs:element name="BrakeBlock" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Characteristics of brake blocks</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="BrakeBlockName" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Name of the brake block type, including the
length in mm</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:maxLength value="256"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:sequence>

```

```

</xs:element>
<xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean"
minOccurs="0">
  <xs:annotation>
    <xs:documentation> Indication if composite brake blocks are
retrofitted or originally equipped</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CompositeBrakeBlockInstallationDate"
type="xs:date" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date of composite brake block installation, for
originally equipped wagon = date put into service</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="WagonTelematics" type="WagonTelematics" minOccurs="0">
  <xs:annotation>
    <xs:documentation xml:lang="en">Information about telematics devices
mounted on the wagon.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="MaxLengthOfLoad" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Maximum length of the load measured in mm
</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LoadArea" minOccurs="0"/>
<xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Height of the loading plane when wagon is empty
measured in mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RemovableAccessories" minOccurs="0"
maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="TypeOfRemovableAccessories">
        <xs:annotation>
          <xs:documentation>Specification of removable accessory.
TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13:
01 = Removable stanchion
02 = Removable side flap of flat wagon
03 = Removable end flap of flat wagon
04 = Removable side rail
05 = Removable intermediate upright for securing the load
06 = Stanchion chain
07 = Removable handle and wheel for winch on car-carrying wagon
08 = Swivelling bolster (with stanchions)
09 = Coupling rod (rigid coupling)

```


10 = Ice bunker
 11 = Ice bunker screen
 12 = Ice bunker frame
 13 = Trestle or bar with hooks for hanging meat
 14 = Movable cross-member of wagon with low loading plane
 15 = Removable support
 16 = Mooring cross-member on wagon for special loads
 17 = Movable floor panel on wagon for special loads
 18 = Scotch
 19 = Skid bar with or without shoes on car-carrying wagon
 20 = Mooring strap on car-carrying wagon
 21 = Beam for movable ramp on car-carrying wagon
 22 = Spare heating half-coupling
 23 = Fire extinguisher
 24 = Wheel scotches (for cars) on car-carrying wagon
 25 = Gangway loading ramp on car-carrying wagon
 26 = Metal cradles for rolls of metal sheeting
 27 = Panel for covering markings
 28 = Loading frame for special types of goods
 29 = Headstock for "rolling roads"
 99 = Other wagon accessories

```

</xs:documentation>
  </xs:annotation>
</xs:element>
  <xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2">
    <xs:annotation>
      <xs:documentation>Number of specified accessory equipped on the
wagon</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="LoadingCapacity" minOccurs="0"/>
<xs:element ref="MaxGrossWeight">
  <xs:annotation>
    <xs:documentation>Weight of max Gross Load Weight plus the tare weight
of the equipment in kg</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indication if tank wagon is equipped with a vapour
return system</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Hitch" minOccurs="0" maxOccurs="2"/>
<xs:element ref="FerryPermittedFlag" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Indication if wagon is permitted to be used on
ferries</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FerryRampAngle" minOccurs="0">
  <xs:annotation>

```

```

<xs:documentation>Maximum allowed angle of the ferry ramp (in grades:
°)</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:decimal">
    <xs:totalDigits value="3"/>
    <xs:fractionDigits value="2"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="TemperatureRange" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:annotation>
        <xs:documentation>Temperature Range</xs:documentation>
      </xs:annotation>
      <xs:element ref="MaxTemp"/>
      <xs:element ref="MinTemp"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="TechnicalForwardingRestrictions" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Restrictions relevant to wagon operations in train
formation, yards or in trains due to design characteristics.
Type will be the RestrictionCode instead of ForwardingRestrictionType, according
to 920-13: annotation will carry the information that only thechnical parameters
are allowed to be used here. Only the code numbers should be in the
annotation</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="DateLastOverhaul">
  <xs:annotation>
    <xs:documentation>Date of the last overhaul, if yet no overhaul date of
putting into service</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="OverhaulValidityPeriod"/>
<xs:element ref="PermittedTolerance"/>
<xs:element ref="PlannedDateNextOverhaul" minOccurs="0"/>
<xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date of the next tank inspection, applies only for tank
wagons</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **RollingStockDataset/DesignDataSet/LetterMarking**

diagram	LetterMarking Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>20</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	20	
Kind	Value	Annotation					
maxLength	20						
annotation	documentation Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2						
source	<pre><xs:element name="LetterMarking"> <xs:annotation> <xs:documentation>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **RollingStockDataset/DesignDataSet/TankCode**

diagram	TankCode Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 20
annotation	documentation Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1
source	<xs:element name="TankCode" minOccurs="0"> <xs:annotation>

	<pre> <xs:documentation>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/WheelSetType**

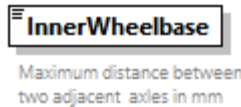
diagram	WheelSetType Type name of the wheel sets, and the name of the type depends on the manufacturer.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 256
annotation	documentation Type name of the wheel sets, and the name of the type depends on the manufacturer.
source	<pre><xs:element name="WheelSetType" minOccurs="0"> <xs:annotation> <xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/BogiePivotPitch**

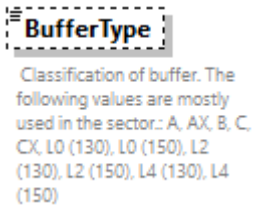
diagram	 Largest distance between two adjacent bogie pitches in mm
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric1-5
properties	minOcc 0 maxOcc 1

	content	simple
used by	element	WagonDataHERMES/WagonTechDataHERMES
facets	Kind	Value Annotation
	minInclusive	1
	maxInclusive	99999
annotation	documentation	Largest distance between two adjacent bogie pitches in mm
source	<pre><xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0"> <xs:annotation> <xs:documentation>Largest distance between two adjacent bogie pitches in mm</xs:documentation> </xs:annotation> </xs:element></pre>	

element **RollingStockDataset/DesignDataSet/InnerWheelbase**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric1-5									
properties	content simple									
used by	element WagonDataHERMES/WagonTechDataHERMES									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Maximum distance between two adjacent axles in mm									
source	<pre><xs:element name="InnerWheelbase" type="Numeric1-5"> <xs:annotation> <xs:documentation>Maximum distance between two adjacent axles in mm</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/DesignDataSet/BufferType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 256
annotation	documentation Classification of buffer. The following values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150), L4 (130), L4 (150)
source	<pre> <xs:element name="BufferType" minOccurs="0"> <xs:annotation> <xs:documentation> Classification of buffer. The following values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150), L4 (130), L4 (150)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/LoadTable**

diagram	LoadTable 0..∞ Indicates the load tables marked on the wagon. When load tables are marked on the wagon the information must be provided in the RSRD message. Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively. For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided. The complete load table must be provided including the empty load row (if existent). LoadTableProduct 1..∞ Product description, only applies for product-specific load tables LoadTableCountry 0..∞ ISO country code of countries for additional load tables SpeedCategory 1..∞ Numeric speed in load table, without speed empty in km/h LoadTableStars 1..∞ Number of load table stars. Currently recognized values/codes: 1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not meet all the requirements for 100 km/h conditions 2 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions 3 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions. Wagon is fitted with an automatic load-proportional braking system. RouteClassPayloads 1..∞
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	LoadTableProduct LoadTableCountry SpeedCategory LoadTableStars RouteClassPayloads
annotation	documentation Indicates the load tables marked on the wagon. When load tables are marked on the wagon the information must be provided in the RSRD message. Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively. For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided. The complete load table must be provided including the empty load row (if existent).
source	<xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded"> <xs:annotation>

`<xs:documentation>`Indicates the load tables marked on the wagon.
When load tables are marked on the wagon the information must be provided in the RSRD message.
Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively.
For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided.
The complete load table must be provided including the empty load row (if existent).`</xs:documentation>`

```

</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="LoadTableProduct" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Product description, only applies for
product-specific load tables</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="ProductUNCode" type="Numeric4-4">
            <xs:annotation>
              <xs:documentation>UN code of product if product specific load
table</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="ProductRIDName">
            <xs:annotation>
              <xs:documentation> RID product name as written on the folding
panel</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="256"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="LoadTableCountry" type="CountryIdentISO" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>ISO country code of countries for additional load
tables</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Numeric speed in load table, without speed empty in
km/h</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="LoadTableStars" minOccurs="0">
      <xs:annotation>

```


	<pre> <xs:documentation>Number of load table stars. Currently recognized values/codes: 1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not meet all the requirements for 100 km/h conditions 2 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions 3 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions. Wagon is fitted with an automatic load-proportional braking system. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="RouteClassPayloads" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="RouteClass"/> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonns of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ProductUNCode ProductRIDName
annotation	documentation Product description, only applies for product-specific load tables

source	<pre> <xs:element name="LoadTableProduct" minOccurs="0"> <xs:annotation> <xs:documentation>Product description, only applies for product-specific load tables</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ProductUNCode" type="Numeric4-4"> <xs:annotation> <xs:documentation>UN code of product if product specific load table</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProductRIDName"> <xs:annotation> <xs:documentation> RID product name as written on the folding panel</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

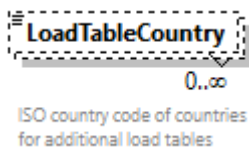
element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode**

diagram	ProductUNCode UN code of product if product specific load table									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric4-4									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0001</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0001		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0001									
maxInclusive	9999									
annotation	documentation UN code of product if product specific load table									
source	<pre><xs:element name="ProductUNCode" type="Numeric4-4"> <xs:annotation> <xs:documentation>UN code of product if product specific load table</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductRIDName**

diagram	ProductRIDName RID product name as written on the folding panel						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>maxLength</td><td>256</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation RID product name as written on the folding panel						
source	<pre><xs:element name="ProductRIDName"> <xs:annotation> <xs:documentation> RID product name as written on the folding panel</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

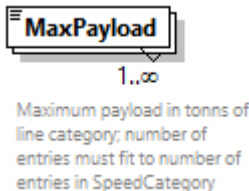
element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableCountry**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CountryIdentISO
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation ISO country code of countries for additional load tables
source	<pre><xs:element name="LoadTableCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>ISO country code of countries for additional load tables</xs:documentation></pre>

element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads**

diagram	RouteClass Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes. MaxPayload Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc unbounded content complex
children	RouteClass MaxPayload
source	<pre> <xs:element name="RouteClassPayloads" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="RouteClass"/> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonns of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

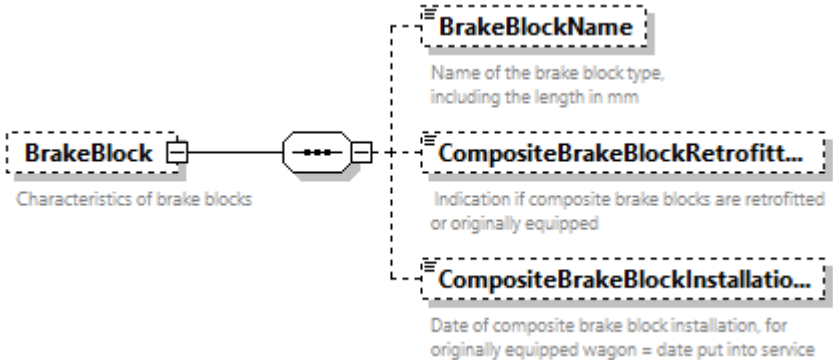
element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads/MaxPayload**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:decimal
properties	minOcc 1 maxOcc unbounded content simple
facets	Kind Value Annotation totalDigits 4 fractionDigits 1
annotation	documentation Maximum payload in tonns of line category; number of entries must fit to number of entries in SpeedCategory
source	<pre><xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonns of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/DerailmentDetectionDevice**

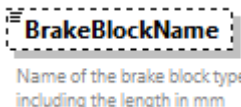
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	DerailmentDetectionDevice
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration EDT 101 enumeration MDV 100 enumeration Non coded device
source	<pre><xs:element name="DerailmentDetectionDevice" type="DerailmentDetectionDevice" minOccurs="0"/></pre>

element **RollingStockDataset/DesignDataSet/BrakeBlock**

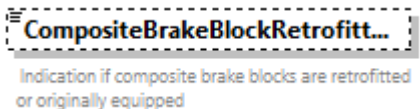
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	BrakeBlockName CompositeBrakeBlockRetrofitted CompositeBrakeBlockInstallationDate
annotation	documentation Characteristics of brake blocks
source	<pre> <xs:element name="BrakeBlock" minOccurs="0"> <xs:annotation> <xs:documentation>Characteristics of brake blocks</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="BrakeBlockName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the brake block type, including the length in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation> Indication if composite brake blocks are retrofitted or originally equipped</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of composite brake block installation, for originally equipped wagon = date put into service</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/BrakeBlock/BrakeBlockName**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 256
annotation	documentation Name of the brake block type, including the length in mm
source	<pre> <xs:element name="BrakeBlockName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the brake block type, including the length in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockRetrofitted**

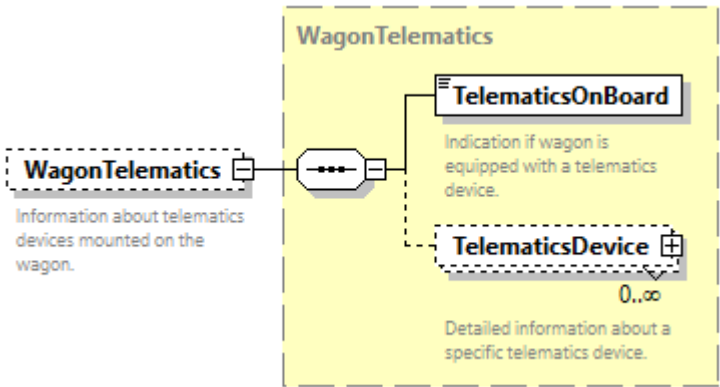
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if composite brake blocks are retrofitted or originally equipped
source	<pre> <xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0"> <xs:annotation> </pre>

	<pre> <xs:documentation> Indication if composite brake blocks are retrofitted or originally equipped</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockInstallationDate**

diagram	 The diagram shows a dashed box labeled "CompositeBrakeBlockInstallatio...". Below it, the text reads: "Date of composite brake block installation, for originally equipped wagon = date put into service".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of composite brake block installation, for originally equipped wagon = date put into service
source	<pre> <xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of composite brake block installation, for originally equipped wagon = date put into service</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/WagonTelematics**

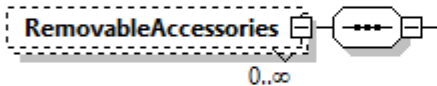
diagram	 The diagram shows a dashed box labeled "WagonTelematics" with the text "Information about telematics devices mounted on the wagon." To its right is a yellow box labeled "WagonTelematics". Inside this yellow box, there is a "TelematicsOnBoard" element (a rectangle with a small square icon) and a "TelematicsDevice" element (a dashed box with a small square icon). A line connects "TelematicsOnBoard" to "TelematicsDevice". Below "TelematicsDevice" is the text "0..∞" and "Detailed information about a specific telematics device."
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	WagonTelematics
properties	minOcc 0 maxOcc 1 content complex
children	TelematicsOnBoard TelematicsDevice

annotation	documentation Information about telematics devices mounted on the wagon.
source	<pre><xs:element name="WagonTelematics" type="WagonTelematics" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Information about telematics devices mounted on the wagon.</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen**

diagram	HeightOfLoadingPlaneUnladen Height of the loading plane when wagon is empty measured in mm									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric1-5									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Height of the loading plane when wagon is empty measured in mm									
source	<pre><xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5" minOccurs="0"> <xs:annotation> <xs:documentation>Height of the loading plane when wagon is empty measured in mm</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/DesignDataSet/RemovableAccessories**

diagram	 TypeOfRemovableAccessories Specification of removable accessory. TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13: 01 = Removable stanchion 02 = Removable side flap of flat wagon 03 = Removable end flap of flat wagon 04 = Removable side rail 05 = Removable intermediate upright for securing the load 06 = Stanchion chain 07 = Removable handle and wheel for winch on car-carrying wagon 08 = Swivelling bolster (with stanchions) 09 = Coupling rod (rigid coupling) 10 = Ice bunker 11 = Ice bunker screen 12 = Ice bunker frame 13 = Trestle or bar with hooks for hanging meat 14 = Movable cross-member of wagon with low loading plane 15 = Removable support 16 = Mooring cross-member on wagon for special loads 17 = Movable floor panel on wagon for special loads 18 = Scotch 19 = Skid bar with or without shoes on car-carrying wagon 20 = Mooring strap on car-carrying wagon 21 = Beam for movable ramp on car-carrying wagon 22 = Spare heating half-coupling 23 = Fire extinguisher 24 = Wheel scotches (for cars) on car-carrying wagon 25 = Gangway loading ramp on car-carrying wagon 26 = Metal cradles for rolls of metal sheeting 27 = Panel for covering markings 28 = Loading frame for special types of goods 29 = Headstock for "rolling roads" 99 = Other wagon accessories NumberOfAccessorOfSpecType Number of specified accessory equipped on the wagon
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	TypeOfRemovableAccessories NumberOfAccessorOfSpecType
source	<pre><xs:element name="RemovableAccessories" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="TypeOfRemovableAccessories"> <xs:annotation> <xs:documentation>Specification of removable accessory.</pre>

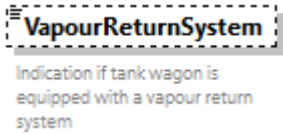
	TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13: 01 = Removable stanchion 02 = Removable side flap of flat wagon 03 = Removable end flap of flat wagon 04 = Removable side rail 05 = Removable intermediate upright for securing the load 06 = Stanchion chain 07 = Removable handle and wheel for winch on car-carrying wagon 08 = Swivelling bolster (with stanchions) 09 = Coupling rod (rigid coupling) 10 = Ice bunker 11 = Ice bunker screen 12 = Ice bunker frame 13 = Trestle or bar with hooks for hanging meat 14 = Movable cross-member of wagon with low loading plane 15 = Removable support 16 = Mooring cross-member on wagon for special loads 17 = Movable floor panel on wagon for special loads 18 = Scotch 19 = Skid bar with or without shoes on car-carrying wagon 20 = Mooring strap on car-carrying wagon 21 = Beam for movable ramp on car-carrying wagon 22 = Spare heating half-coupling 23 = Fire extinguisher 24 = Wheel scotches (for cars) on car-carrying wagon 25 = Gangway loading ramp on car-carrying wagon 26 = Metal cradles for rolls of metal sheeting 27 = Panel for covering markings 28 = Loading frame for special types of goods 29 = Headstock for "rolling roads" 99 = Other wagon accessories <pre> </xs:documentation> </xs:annotation> </xs:element> <xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of specified accessory equipped on the wagon</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType**

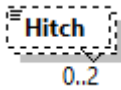
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric2-2

properties	content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
annotation	documentation Number of specified accessory equipped on the wagon
source	<pre><xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of specified accessory equipped on the wagon</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/VapourReturnSystem**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if tank wagon is equipped with a vapour return system
source	<pre><xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication if tank wagon is equipped with a vapour return system</xs:documentation> </xs:annotation> </xs:element></pre>

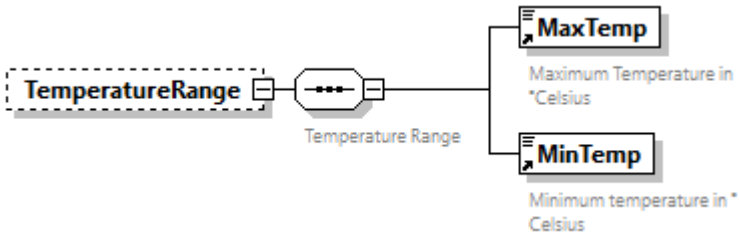
element **RollingStockDataset/DesignDataSet/Hitch**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 2
source	<pre><xs:element name="Hitch" minOccurs="0" maxOccurs="2"/></pre>

element **RollingStockDataset/DesignDataSet/FerryRampAngle**

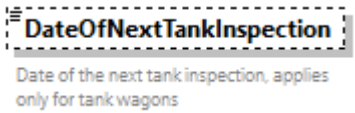
diagram	FerryRampAngle Maximum allowed angle of the ferry ramp (in grades: °)									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>totalDigits</td><td>3</td><td></td></tr><tr><td>fractionDigits</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	totalDigits	3		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	3									
fractionDigits	2									
annotation	documentation Maximum allowed angle of the ferry ramp (in grades: °)									
source	<pre><xs:element name="FerryRampAngle" minOccurs="0"> <xs:annotation> <xs:documentation>Maximum allowed angle of the ferry ramp (in grades: °)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="3"/> <xs:fractionDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RollingStockDataset/DesignDataSet/TemperatureRange**

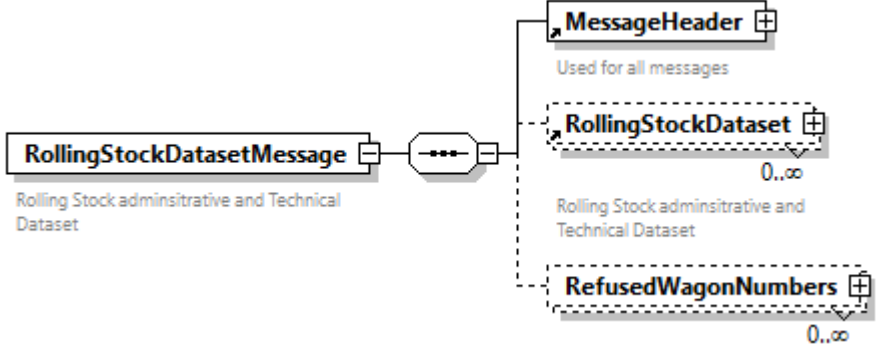
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	MaxTemp MinTemp
source	<pre> <xs:element name="TemperatureRange" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:annotation> <xs:documentation>Temperature Range</xs:documentation> </pre>

	<pre> </xs:annotation> <xs:element ref="MaxTemp"/> <xs:element ref="MinTemp"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/DateOfNextTankInspection**

diagram	 DateOfNextTankInspection Date of the next tank inspection, applies only for tank wagons
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the next tank inspection, applies only for tank wagons
source	<pre> <xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the next tank inspection, applies only for tank wagons</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RollingStockDatasetMessage**

diagram	 RollingStockDatasetMessage Rolling Stock administrative and Technical Dataset The diagram shows a sequence of three elements: MessageHeader (Used for all messages), RollingStockDataset (Rolling Stock administrative and Technical Dataset, 0..∞), and RefusedWagonNumbers (0..∞).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader RollingStockDataset RefusedWagonNumbers
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre> <xs:element name="RollingStockDatasetMessage"> </pre>

	<pre><xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RollingStockDataset" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalCode"/> <xs:element ref="KeeperShortNameVKM" minOccurs="0"> <xs:annotation> <xs:documentation>Vehicle Keeper Marking of the wagon keeper as listed in VKM register (https://www.era.europa.eu/domains/registers/vkm_en, 2nd column (UNIQUE) - without special characters)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **RollingStockDatasetMessage/RefusedWagonNumbers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	WagonNumberFreight RefusalCode KeeperShortNameVKM

source	<pre> <xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalCode"/> <xs:element ref="KeeperShortNameVKM" minOccurs="0"> <xs:annotation> <xs:documentation>Vehicle Keeper Marking of the wagon keeper as listed in VKM register (https://www.era.europa.eu/domains/registers/vkm_en, 2nd column (UNIQUE) - without special characters)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDatasetQueryMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader WagonNumberFreight
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre> <xs:element name="RollingStockDatasetQueryMessage"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockIdentification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	EuropeanVehicleNumber TrainsetID
annotation	documentation Code used to identify a vehicle or a trainset
source	<pre> <xs:element name="RollingStockIdentification"> <xs:annotation> <xs:documentation>Code used to identify a vehicle or a trainset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="EuropeanVehicleNumber" minOccurs="0"/> <xs:element name="TrainsetID" minOccurs="0"> <xs:annotation> <xs:documentation>Coding used to identify uniquely a trainset</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="12"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockIdentification/TrainsetID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1

	content simple
facets	Kind Value Annotation minLength 1 maxLength 12
annotation	documentation Coding used to identify uniquely a trainset
source	<pre> <xs:element name="TrainsetID" minOccurs="0"> <xs:annotation> <xs:documentation>Coding used to identify uniquely a trainset</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="12"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RollingStockRestrictionMessage**

diagram	RollingStockRestrictionMessage Message used for passenger trains when the restrictions and defects are sent within the Passenger Train Composition Process message MessageHeader Used for all messages MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion TransportOperationalIdentifiers 0..∞ OperationalTrainNumberIdentifier ReferenceOTN TransfereeIM Next IM TransferPoint Transfer point or station of destination in the considered network LocationOfRestrictionDetection Location where the restriction or defect is detected UnitIdentification Code used to identify a vehicle or a trainset PassengerUnitRestriction Set of restrictions or defects related to the rolling stock
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN TransfereeIM TransferPoint LocationOfRestrictionDetection UnitIdentification PassengerUnitRestriction
annotation	documentation Message used for passenger trains when the restrictions and defects are sent within the Passenger Train Composition Process message
source	<pre><xs:element name="RollingStockRestrictionMessage"> <xs:annotation> <xs:documentation>Message used for passenger trains when the restrictions and defects are sent within the Passenger Train Composition Process message</xs:documentation> </xs:annotation> <xs:complexType></pre>

```
<xs:sequence>
  <xs:element ref="MessageHeader"/>
  <xs:element ref="MessageStatus"/>
  <xs:element ref="TransportOperationalIdentifiers" minOccurs="0"
maxOccurs="unbounded"/>
  <xs:element ref="OperationalTrainNumberIdentifier"/>
  <xs:element ref="ReferenceOTN" minOccurs="0"/>
  <xs:element ref="TransfereeIM" minOccurs="0"/>
  <xs:element ref="TransferPoint" minOccurs="0"/>
  <xs:element ref="LocationOfRestrictionDetection" minOccurs="0"/>
  <xs:element ref="UnitIdentification"/>
  <xs:element ref="PassengerUnitRestriction"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **RollingStockTechnicalData**

diagram

RollingStockTechnicalData

This element shows the rolling stock relevant technical data for the rolling stock within a running train

NumberOfAxles

The sum of number of axles of all wagons and all traction units

WagonMaxSpeed

Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh

LengthOverBuffers

Length over buffers is expressed in cm.

WagonWeightEmpty

The weight of an empty wagon according to the entry in the rolling stock database

TotalLoadWeight

The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment

LoadingGauge

The enlarged reference profile as defined in UIC Leaflet 506.

ExceptionalGaugingProfile

Identification of special load. Profile No - UIC IRS 50596-6 Macro-profile No: UIC leaflet 502-2 (4AN + 3N)

ExceptionalGaugingIdent

Indicates that an exceptional Gauging is in the train or for the wagon

TypeOfHeating

Type of heating system in a passenger vehicle or trainset

HandBrake

AirBrake

Characteristics of Air Brakes

AirBrakeSpecialCharacteristic

Special characteristic of an air brake system (e.g. two or more steps brake). Coding in IRS 90920-13; A.4.2.1 (Brake design)

CouplingType

Classification of coupling

BrakeType

Type of braking system.

BrakeWeight

Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NumberOfAxles WagonMaxSpeed LengthOverBuffers WagonWeightEmpty TotalLoadWeight LoadingGauge ExceptionalGaugingProfile ExceptionalGaugingIdent TypeOfHeating HandBrake AirBrake AirBrakeSpecialCharacteristic CouplingType BrakeType BrakeWeight
annotation	documentation This element shows the rolling stock relevant technical data for the rolling stock within a running train
source	<pre> <xs:element name="RollingStockTechnicalData"> <xs:annotation> <xs:documentation>This element shows the rolling stock relevant technical data for the rolling stock within a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="NumberOfAxles" minOccurs="0"/> <xs:element ref="WagonMaxSpeed" minOccurs="0"/> <xs:element ref="LengthOverBuffers" minOccurs="0"/> <xs:element ref="WagonWeightEmpty" minOccurs="0"/> <xs:element ref="TotalLoadWeight" minOccurs="0"/> <xs:element ref="LoadingGauge" minOccurs="0"/> <xs:element ref="ExceptionalGaugingProfile" minOccurs="0"/> <xs:element ref="ExceptionalGaugingIdent" minOccurs="0"/> <xs:element ref="TypeOfHeating" minOccurs="0"/> <xs:element ref="HandBrake" minOccurs="0"/> <xs:element ref="AirBrake" minOccurs="0"/> <xs:element ref="AirBrakeSpecialCharacteristic" minOccurs="0"/> <xs:element ref="CouplingType" minOccurs="0"/> <xs:sequence minOccurs="0" maxOccurs="unbounded"> <xs:element ref="BrakeType"/> <xs:element ref="BrakeWeight"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockType**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
used by	element	GeneralParameters	
facets	Kind enumeration	Value 0	Annotation documentation

	enumeration 1 Composite documentation EMU enumeration 2 documentation DMU
annotation	documentation Indicates the type of the rolling stock, used in the capacity product.
source	<pre> <xs:element name="RollingStockType"> <xs:annotation> <xs:documentation>Indicates the type of the rolling stock, used in the capacity product.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Composite</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>EMU</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>DMU</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RouteClass**

diagram	 Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

properties	content simple		
used by	elements PlannedTrainTechnicalData RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	3	
	enumeration	A	
	enumeration	B	
	enumeration	B1	
	enumeration	B2	
	enumeration	C	
	enumeration	C2	
	enumeration	C3	
	enumeration	C4	
	enumeration	CM	
	enumeration	CM2	
	enumeration	CM3	
	enumeration	CM4	
	enumeration	CE	
	enumeration	D	
	enumeration	D2	
	enumeration	D3	
	enumeration	D4	
	enumeration	D5	
	enumeration	E	
	enumeration	E4	
	enumeration	E5	
	enumeration	E6	
	enumeration	F	
	enumeration	G	
annotation	documentation Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.		
source	<pre><xs:element name="RouteClass"> <xs:annotation> <xs:documentation>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre>		

	<pre> <xs:minLength value="1"/> <xs:maxLength value="3"/> <xs:enumeration value="A"/> <xs:enumeration value="B"/> <xs:enumeration value="B1"/> <xs:enumeration value="B2"/> <xs:enumeration value="C"/> <xs:enumeration value="C2"/> <xs:enumeration value="C3"/> <xs:enumeration value="C4"/> <xs:enumeration value="CM"/> <xs:enumeration value="CM2"/> <xs:enumeration value="CM3"/> <xs:enumeration value="CM4"/> <xs:enumeration value="CE"/> <xs:enumeration value="D"/> <xs:enumeration value="D2"/> <xs:enumeration value="D3"/> <xs:enumeration value="D4"/> <xs:enumeration value="D5"/> <xs:enumeration value="E"/> <xs:enumeration value="E4"/> <xs:enumeration value="E5"/> <xs:enumeration value="E6"/> <xs:enumeration value="F"/> <xs:enumeration value="G"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RouteCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	elements ConsignmentOrderMessage/COMS/COM/RouteSection Routing/RouteSection									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>5</td><td></td></tr><tr><td>pattern</td><td>\d*[1-9]</td><td></td></tr></table>	Kind	Value	Annotation	length	5		pattern	\d*[1-9]	
Kind	Value	Annotation								
length	5									
pattern	\d*[1-9]									
annotation	documentation Route code (International RouteCode)									
source	<pre><xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> <xs:simpleType></pre>									

	<pre> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Routing**

diagram	<pre> sequenceDiagram class Routing class RouteSection Routing --> "1..30" RouteSection note over RouteSection: Route sequence </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	RouteSection
used by	element WagonStatusMessages/WagonStatusMessage
annotation	documentation Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not
source	<pre> <xs:element name="Routing"> <xs:annotation> <xs:documentation>Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RouteSection" maxOccurs="30"> <xs:annotation> <xs:documentation>Route sequence</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> <xs:sequence> <xs:element ref="RouteCode"/> <xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> </pre>

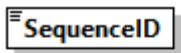
	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Routing/RouteSection**

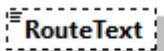
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc 30 content complex
children	SequenceID RouteCode RouteText
annotation	documentation Route sequence
source	<pre> <xs:element name="RouteSection" maxOccurs="30"> <xs:annotation> <xs:documentation>Route sequence</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </pre>

	<pre> <xs:element ref="RouteCode"/> <xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Routing/RouteSection/SequenceID**

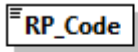
diagram	 Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:int
properties	content simple
annotation	documentation Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.
source	<pre> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Routing/RouteSection/RouteText**

diagram	 Description of the specific route section
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 80
annotation	documentation Description of the specific route section
source	<pre><xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RP_Code**

diagram	 Routing point code of the production station of the acceptance or delivery point.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint ProductionStation
facets	Kind Value Annotation length 5
annotation	documentation Routing point code of the production station of the acceptance or delivery point.
source	<pre><xs:element name="RP_Code"> <xs:annotation> <xs:documentation>Routing point code of the production station of the acceptance or delivery point. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RU_DeclarationCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	element	ConsignmentOrderMessage/COMS/COM/RU Declarations/RU Declaration	
facets	Kind	Value	Annotation
	enumeration	1	documentation Without packing
	enumeration	2	documentation Unsatisfactory packaging: ...(give details)
	enumeration	3	documentation Insufficient packaging: ... (give details)
	enumeration	4.1	documentation Goods clearly in poor condition: ... (give details)
	enumeration	4.2	documentation Goods damaged:(give details)
	enumeration	4.3	documentation Goods wet: ... (give details)
	enumeration	4.4	documentation Goods frozen: ... (give details)
	enumeration	5	documentation Loaded by the consignor
	enumeration	6	documentation Loaded by the carrier in inclement weather at the request of the consignor
	enumeration	7	documentation Unloaded by the consignee
	enumeration	8	documentation Unloaded by the carrier in ...
	enumeration	9.1	documentation Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of inclement weather
	enumeration	9.2	documentation Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of sealing of the wagon or ITU
	enumeration	9.3	documentation Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of load in the wagon or ITU inaccessible
	enumeration	10	documentation Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor
	enumeration	11	documentation Examination not made because of a shortage of resources: ... (give details)
	enumeration	12	documentation

	enumeration 13 Other reserves: ... (give details) documentation Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.
annotation	documentation Carrier declaration code.
source	<pre> <xs:element name="RU_DeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Without packing</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Unsatisfactory packaging: ...(give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Insufficient packaging: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Goods clearly in poor condition: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.2"> <xs:annotation> <xs:documentation>Goods damaged:(give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.3"> <xs:annotation> <xs:documentation>Goods wet: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.4"> <xs:annotation> <xs:documentation>Goods frozen: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Loaded by the consignor</xs:documentation> </pre>

```

        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6">
        <xs:annotation>
            <xs:documentation>Loaded by the carrier in inclement weather at the
request of the consignor </xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="7">
        <xs:annotation>
            <xs:documentation>Unloaded by the consignee</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
        <xs:annotation>
            <xs:documentation>Unloaded by the carrier in ...</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9.1">
        <xs:annotation>
            <xs:documentation>Inclement weather, at the request of the consignee
Impossible to make the examination in accordance with CIM Article 11 section 3,
because of inclement weather </xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9.2">
        <xs:annotation>
            <xs:documentation>Inclement weather, at the request of the consignee
Impossible to make the examination in accordance with CIM Article 11 section 3,
because of sealing of the wagon or ITU </xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9.3">
        <xs:annotation>
            <xs:documentation>Inclement weather, at the request of the consignee
Impossible to make the examination in accordance with CIM Article 11 section 3,
because of load in the wagon or ITU inaccessible </xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
        <xs:annotation>
            <xs:documentation>Request for examination in accordance with CIM Article
11 section 3 presented late by the consignor</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="11">
        <xs:annotation>
            <xs:documentation>Examination not made because of a shortage of
resources: ... (give details)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="12">
        <xs:annotation>
            <xs:documentation>Other reserves: ... (give details)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>

```

	<pre> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RU_Partner**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	content	simple	
used by	elements	ConsignmentOrderMessage/COMS/COM/CustomsProcedures SpecialTreatments	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
annotation	documentation	Railway Undertaking	
source	<pre><xs:element name="RU_Partner" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking</xs:documentation> </xs:annotation> </xs:element></pre>		

element **RunningStatusReportMessage**

diagram	RunningStatusReportMessage This message can be sent by RU to IM for reporting the precise localisation of the train, and contains raw GNSS data. The frequency of the message will be subject to agreements between RUs and IMs. MessageHeader Used for all messages MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion TelematicDeviceID ID of the tracking device on the transport device. Value "NA" if not applicable. TransportDeviceID Type and identification of the object that is tracked by the telematic device. Only one of the choices has to be provided. TrainOperationalIdentification ReferenceOTN ResponsibleRU RU Responsible for the physical operation of the train or wagon LocationDateTime Identifies the actual or forecasted Date / Time at a specific reporting point GeoLocalisation Geolocalisation that may be between two identified locations. TotalLoadWeight The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus TelematicDeviceID TransportDeviceID TrainOperationalIdentification ReferenceOTN ResponsibleRU LocationDateTime GeoLocalisation TotalLoadWeight
annotation	documentation This message can be sent by RU to IM for reporting the precise localisation of the train, and contains raw GNSS data. The frequency of the message will be subject to agreements between RUs and IMs.

source	<pre> <xs:element name="RunningStatusReportMessage"> <xs:annotation> <xs:documentation> This message can be sent by RU to IM for reporting the precise localisation of the train, and contains raw GNSS data. The frequency of the message will be subject to agreements between RUs and IMs. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TelematicDeviceID"> <xs:annotation> <xs:documentation>ID of the tracking device on the transport device. Value "NA" if not applicable.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TransportDeviceID"> <xs:annotation> <xs:documentation>Type and identification of the object that is tracked by the telematic device. Only one of the choices has to be provided.</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element name="LocoNumber"> <xs:annotation> <xs:documentation>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="EuropeanVehicleNumber"/> <xs:element ref="WagonNumberFreight" minOccurs="1"> <xs:annotation> <xs:documentation>Identifies uniquely the freight wagon by its number</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LoadUnitNumber" type="LoadUnitNumberType" minOccurs="1"> <xs:annotation> <xs:documentation> Identification number of load units used in combined transport, such as containers and swap bodies. First 4A the owner key, second 6N registration number, third 1N control digit</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="LocationDateTime" minOccurs="0"/> </pre>

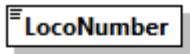
	<pre> <xs:element ref="GeoLocalisation"/> <xs:element name="TotalLoadWeight" minOccurs="0"> <xs:annotation> <xs:documentation>The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RunningStatusReportMessage/TransportDeviceID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	OperationalTrainNumberIdentifier LocoNumber EuropeanVehicleNumber WagonNumberFreight LoadUnitNumber
annotation	documentation Type and identification of the object that is tracked by the telematic device. Only one of the choices has to be provided.
source	<pre> <xs:element name="TransportDeviceID"> <xs:annotation> <xs:documentation>Type and identification of the object that is tracked by the telematic device. Only one of the choices has to be provided.</xs:documentation> </pre>

	<pre> </xs:annotation> <xs:complexType> <xs:choice> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element name="LocoNumber"> <xs:annotation> <xs:documentation>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="EuropeanVehicleNumber"/> <xs:element ref="WagonNumberFreight" minOccurs="1"> <xs:annotation> <xs:documentation>Identifies uniquely the freight wagon by its number</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LoadUnitNumber" type="LoadUnitNumberType" minOccurs="1"> <xs:annotation> <xs:documentation> Identification number of load units used in combined transport, such as containers and swap bodies. First 4A the owner key, second 6N registration number, third 1N control digit</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre>

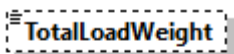
element **RunningStatusReportMessage/TransportDeviceID/LocoNumber**

diagram	 Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
used by	element TrainCompositionJourneySection/Locoident
annotation	documentation Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.
source	<pre> <xs:element name="LocoNumber"> <xs:annotation> <xs:documentation>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RunningStatusReportMessage/TransportDeviceID/LoadUnitNumber**

diagram	≡ LoadUnitNumber Identification number of load units used in combined transport, such as containers and swap bodies. First 4A the owner key, second 6N registration number, third 1N control digit									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	LoadUnitNumberType									
properties	content simple									
used by	elements ILUDataMessage/QueryResponse/ILUData ILUDataMessage/QueryResponse/RefusedILUData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>whiteSpace</td><td>replace</td><td></td></tr><tr><td>pattern</td><td colspan="2">[A-Za-z0-9]{11}</td></tr></table>	Kind	Value	Annotation	whiteSpace	replace		pattern	[A-Za-z0-9]{11}	
Kind	Value	Annotation								
whiteSpace	replace									
pattern	[A-Za-z0-9]{11}									
annotation	documentation Identification number of load units used in combined transport, such as containers and swap bodies. First 4A the owner key, second 6N registration number, third 1N control digit									
source	<pre><xs:element name="LoadUnitNumber" type="LoadUnitNumberType" minOccurs="1"> <xs:annotation> <xs:documentation> Identification number of load units used in combined transport, such as containers and swap bodies. First 4A the owner key, second 6N registration number, third 1N control digit</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RunningStatusReportMessage/TotalLoadWeight**

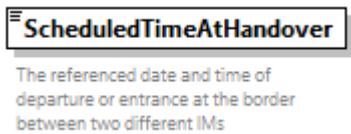
diagram	 The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1
used by	elements WagonPerformanceMessage/PerformanceData RollingStockTechnicalData UnitTechnicalData WagonLoad WagonOperationalData
annotation	documentation The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment
source	<pre><xs:element name="TotalLoadWeight" minOccurs="0"> <xs:annotation></pre>

	<pre> <xs:documentation>The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment</xs:documentation> </xs:annotation> </xs:element> </pre>

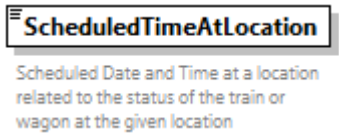
element **ScheduledDateTimeAtTransfer**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier OperationalTrainNumberIdentifier PathSectionNotificationMessage
annotation	documentation The referenced date and time of arrival or exit at the border between two different IMs
source	<pre> <xs:element name="ScheduledDateTimeAtTransfer" type="xs:dateTime"> <xs:annotation> <xs:documentation>The referenced date and time of arrival or exit at the border between two different IMs</xs:documentation> </xs:annotation> </xs:element> </pre>

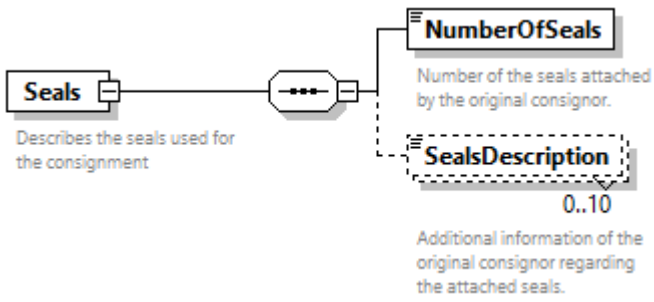
element **ScheduledTimeAtHandover**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier OperationalTrainNumberIdentifier
annotation	documentation The referenced date and time of departure or entrance at the border between two different IMs
source	<pre> <xs:element name="ScheduledTimeAtHandover" type="xs:dateTime"> <xs:annotation> <xs:documentation>The referenced date and time of departure or entrance at the border between two different IMs</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ScheduledTimeAtLocation**

diagram	 ScheduledTimeAtLocation Scheduled Date and Time at a location related to the status of the train or wagon at the given location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element ExceptionPoint
annotation	documentation Scheduled Date and Time at a location related to the status of the train or wagon at the given location
source	<pre><xs:element name="ScheduledTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>Scheduled Date and Time at a location related to the status of the train or wagon at the given location</xs:documentation> </xs:annotation> </xs:element></pre>

element **Seals**

diagram	 Seals Describes the seals used for the consignment NumberOfSeals Number of the seals attached by the original consignor. SealsDescription 0..10 Additional information of the original consignor regarding the attached seals.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NumberOfSeals SealsDescription
used by	elements ILU Details ITU Details Wagons/WagonDetails
annotation	documentation Describes the seals used for the consignment
source	<pre><xs:element name="Seals"> <xs:annotation> <xs:documentation>Describes the seals used for the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre>

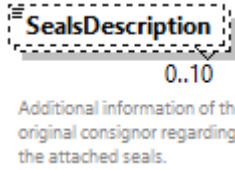
	<pre> <xs:element name="NumberOfSeals"> <xs:annotation> <xs:documentation>Number of the seals attached by the original consignor.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SealsDescription" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Additional information of the original consignor regarding the attached seals.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Seals/NumberOfSeals**

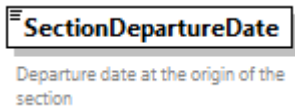
diagram	☰ NumberOfSeals Number of the seals attached by the original consignor.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>totalDigits</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		totalDigits	2	
Kind	Value	Annotation								
minInclusive	0									
totalDigits	2									
annotation	documentation Number of the seals attached by the original consignor.									
source	<pre><xs:element name="NumberOfSeals"> <xs:annotation> <xs:documentation>Number of the seals attached by the original consignor.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<pre> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Seals/SealsDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 10 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>10</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
annotation	documentation Additional information of the original consignor regarding the attached seals.									
source	<pre><xs:element name="SealsDescription" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Additional information of the original consignor regarding the attached seals.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **SectionDepartureDate**

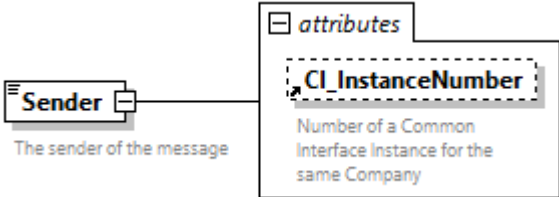
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
used by	element PassengerJourneySectionOrigin

annotation	documentation Departure date at the origin of the section
source	<pre><xs:element name="SectionDepartureDate" type="xs:date"> <xs:annotation> <xs:documentation>Departure date at the origin of the section</xs:documentation> </xs:annotation> </xs:element></pre>

element **SectionDepartureTime**

diagram	 A diagram showing a box labeled 'SectionDepartureTime' with a small icon of a document with lines on the top left.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:time
properties	content simple
used by	element PassengerJourneySectionOrigin
source	<pre><xs:element name="SectionDepartureTime" type="xs:time"/></pre>

element **Sender**

diagram	 A diagram showing a box labeled 'Sender' with the text 'The sender of the message' below it. A line connects this box to a larger box labeled 'attributes'. Inside the 'attributes' box, there is a dashed box labeled 'CI_InstanceNumber' with the text 'Number of a Common Interface Instance for the same Company' below it.					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
type	extension of CompanyCode					
properties	content complex					
used by	element MessageHeader					
facets	Kind	Value	Annotation			
	minLength	4				
	maxLength	4				
	pattern	[0-9A-Z]{4}				
attributes	Name	Type	Use	Default	Fixed	Annotation
	CI_InstanceNumber	Numeric2-2				documentation Number of a Common Interface Instance for the same Company

annotation	documentation The sender of the message
source	<pre> <xs:element name="Sender"> <xs:annotation> <xs:documentation>The sender of the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CompanyCode"> <xs:attribute ref="CI_InstanceNumber"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>

element **SenderReference**

diagram	SenderReference reference used by the sender (e.g. FTP file name)									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	element MessageHeader									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation reference used by the sender (e.g. FTP file name)									
source	<xs:element name="SenderReference" type="FreeText"> <xs:annotation> <xs:documentation>reference used by the sender (e.g. FTP file name)</xs:documentation> </xs:annotation> </xs:element>									

element **Ship**

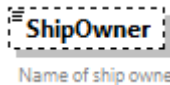
diagram	Ship Additional information for transports, which shall be handed over to a ship VesselIndication This element identifies to which extent the transportation unit is used HarbourName Name of harbour, where the transport will be handed over to a ship. ShipOwner Name of ship owner.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	VesselIndication HarbourName ShipOwner
used by	elements ILU Details ITU Details Wagons/WagonDetails
annotation	documentation Additional information for transports, which shall be handed over to a ship
source	<pre> <xs:element name="Ship"> <xs:annotation> <xs:documentation>Additional information for transports, which shall be handed over to a ship</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="VesselIndication"/> <xs:element name="HarbourName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of harbour, where the transport will be handed over to a ship.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShipOwner" minOccurs="0"> <xs:annotation> <xs:documentation>Name of ship owner.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Ship/HarbourName**

diagram	HarbourName Name of harbour, where the transport will be handed over to a ship.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of harbour, where the transport will be handed over to a ship.
source	<pre><xs:element name="HarbourName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of harbour, where the transport will be handed over to a ship.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Ship/ShipOwner**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									

annotation	documentation Name of ship owner.
source	<pre> <xs:element name="ShipOwner" minOccurs="0"> <xs:annotation> <xs:documentation>Name of ship owner.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **SpecialInterchangeLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName
used by	elements InterchangePoints WagonDataHERMES/Consignmentdata/ListOfInterchangeOrBorderCrossingPoints
annotation	documentation Special interchange station
source	<pre> <xs:element name="SpecialInterchangeLocation"> <xs:annotation> <xs:documentation>Special interchange station</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **SpecialProvisions**

diagram	SpecialProvisions Special provisions									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	String1-4									
properties	content simple									
used by	element ListOfDangerousGoods									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	4	
Kind	Value	Annotation								
minLength	1									
maxLength	4									
annotation	documentation Special provisions									
source	<pre><xs:element name="SpecialProvisions" type="String1-4"> <xs:annotation> <xs:documentation>Special provisions</xs:documentation> </xs:annotation> </xs:element></pre>									

element **SpecialProvisionsADR_RID_tanks**

diagram	≡ SpecialProvisionsADR_RID_tanks Special provisions ADR RID tanks									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element ListOfDangerousGoods									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	4	
Kind	Value	Annotation								
minLength	1									
maxLength	4									
annotation	documentation Special provisions ADR RID tanks									
source	<pre><xs:element name="SpecialProvisionsADR_RID_tanks"> <xs:annotation> <xs:documentation>Special provisions ADR RID tanks</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **SpecialServiceDescription**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	SpecialServiceDescriptionCode AvailabilityFrom AvailabilityTo
used by	element UnitData
annotation	documentation Special Service provided in a Train according to TAP Code List B.4.7161
source	<pre> <xs:element name="SpecialServiceDescription"> <xs:annotation> <xs:documentation>Special Service provided in a Train according to TAP Code List B.4.7161</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="SpecialServiceDescriptionCode" minOccurs="0"/> <xs:element ref="AvailabilityFrom" minOccurs="0"/> <xs:element ref="AvailabilityTo" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **SpecialServiceDescriptionCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
used by	elements SpecialServiceDescription TypeofService
facets	Kind Value Annotation

	maxLength	3	
	enumeration	00	documentation Alternative service documentation The journey planner algorithm should look for an alternative Service documentation 1
	enumeration	3	documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars documentation 0
	enumeration	4	documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars documentation 0
	enumeration	5	documentation Breakfast documentation Breakfast documentation 0
	enumeration	6	documentation Dinner documentation Dinner documentation 0
	enumeration	7	documentation Loading documentation Loading of vehicles on a train of accompanied motorcars documentation 0
	enumeration	8	documentation Lunch documentation Lunch documentation 0
	enumeration	9	documentation Unloading documentation Unloading of vehicles from a train of accompanied motorcars documentation 0
	enumeration	11	documentation Child documentation Services for children

		documentation 0
enumeration	21	documentation Cold buffet documentation Cold buffet service documentation 0
enumeration	22	documentation Restaurant in 1st class only documentation Restaurant service in 1st class only documentation 0
enumeration	23	documentation Hot buffet documentation Hot buffet service documentation 0
enumeration	24	documentation Meal included for 1st class passengers documentation Meal service included for 1st class passengers documentation 0
enumeration	25	documentation Trolley documentation Trolley service (beverage and food cart) documentation 0
enumeration	26	documentation Snack documentation Snack documentation 0
enumeration	27	documentation Disabled documentation Services for disabled persons documentation 0
enumeration	28	documentation Movies documentation Movies documentation 0
enumeration	29	documentation Business documentation Services for business people

		documentation 0
	enumeration 30	documentation Nursery documentation Nursery service documentation 0
	enumeration 31	documentation Buffet documentation Buffet documentation 0
	enumeration 32	documentation Special services for military documentation Special services for army families documentation 0
	enumeration 33	documentation Boarding possible 2 hours before departure documentation Boarding is possible 2 hours before departure documentation 0
	enumeration 34	documentation Alighting possible until 2 hours after arrival documentation Alighting is possible up to 2 hours after arrival documentation 0
	enumeration 35	documentation Boarding possible 30 minutes before departure documentation Boarding is possible 30 minutes before departure documentation 0
	enumeration 36	documentation Alighting possible until 30 minutes after arrival documentation Alighting is possible up to 30 minutes after arrival documentation 0
	enumeration 37	documentation Postal services documentation Postal services available documentation 0
	enumeration 38	documentation Meal at the seat documentation Meal is provided at the seat

		documentation 0
enumeration	39	documentation Self service documentation Self service meals documentation 0
enumeration	40	documentation Overnight stay documentation Overnight stay possible on board documentation 0
enumeration	41	documentation Luggage transport documentation Luggage transport offered documentation 0
enumeration	42	documentation Luggage transport excluded documentation Luggage transport is not offered documentation 0
enumeration	43	documentation Music documentation Music documentation 0
enumeration	44	documentation Check-in documentation Time at which the traveller checks in documentation 0
enumeration	45	documentation Check-out documentation Time at which the traveller checks out documentation 0
enumeration	46	documentation Free WiFi on board documentation Free WiFi service on board available documentation 0
enumeration	47	documentation WiFi on board documentation WiFi service on board available

	documentation 0 enumeration 48 documentation Warning! Service may be affected by strike action documentation Warning! Service may be affected by strike action documentation 0
annotation	documentation Service on a Train according to TAP Code List B.4.716, type7161CodeList
source	<pre> <xs:element name="SpecialServiceDescriptionCode"> <xs:annotation> <xs:documentation>Service on a Train according to TAP Code List B.4.716, type7161CodeList</xs:documentation> </xs:annotation> <xs:simpleType> <xs:annotation> <xs:documentation xml:lang="en">Code list for the special services (B.4.7161)</xs:documentation> </xs:annotation> <xs:appinfo> <dc:title>Code list for the special services</dc:title> <dc:source>B.4.7161</dc:source> </xs:appinfo> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="3"/> <xs:enumeration value="00"> <xs:annotation> <xs:documentation xml:lang="en">Alternative service</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Description">The journey planner algorithm should look for an alternative Service</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Remark"/> <xs:documentation xml:lang="en" doc:docType="Status">1</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation xml:lang="en">Additional loading</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Description">Additional loading of vehicles on a train of accompanied motorcars</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Remark"/> <xs:documentation xml:lang="en" doc:docType="Status">0</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation xml:lang="en">Additional unloading</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Description">Additional unloading of vehicles from a train of accompanied motorcars</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Remark"/> <xs:documentation xml:lang="en" </pre>


```

doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation xml:lang="en">Breakfast</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Description">Breakfast</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation xml:lang="en">Dinner</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Description">Dinner</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation xml:lang="en">Loading</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Loading of
vehicles on a train of accompanied motorcars</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation xml:lang="en">Lunch</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Description">Lunch</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation xml:lang="en">Unloading</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Unloading of
vehicles from a train of accompanied motorcars</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>

```

```

        <xs:documentation xml:lang="en">Child</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Description">Services for
children</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="21">
        <xs:annotation>
            <xs:documentation xml:lang="en">Cold buffet</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Description">Cold buffet
service</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="Remark"/>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="22">
            <xs:annotation>
                <xs:documentation xml:lang="en">Restaurant in 1st class
only</xs:documentation>
                <xs:documentation xml:lang="en" doc:docType="Description">Restaurant
service in 1st class only</xs:documentation>
                <xs:documentation xml:lang="en" doc:docType="Remark"/>
                <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="23">
                <xs:annotation>
                    <xs:documentation xml:lang="en">Hot buffet</xs:documentation>
                    <xs:documentation xml:lang="en" doc:docType="Description">Hot buffet
service</xs:documentation>
                    <xs:documentation xml:lang="en" doc:docType="Remark"/>
                    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
                    </xs:annotation>
                </xs:enumeration>
                <xs:enumeration value="24">
                    <xs:annotation>
                        <xs:documentation xml:lang="en">Meal included for 1st class
passengers</xs:documentation>
                        <xs:documentation xml:lang="en" doc:docType="Description">Meal service
included for 1st class passengers</xs:documentation>
                        <xs:documentation xml:lang="en" doc:docType="Remark"/>
                        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
                        </xs:annotation>
                    </xs:enumeration>
                    <xs:enumeration value="25">
                        <xs:annotation>
                            <xs:documentation xml:lang="en">Trolley</xs:documentation>
                            <xs:documentation xml:lang="en" doc:docType="Description">Trolley
service (beverage and food cart)</xs:documentation>

```

```

        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="26">
    <xs:annotation>
        <xs:documentation xml:lang="en">Snack</xs:documentation>
        <xs:documentation xml:lang="en"
doc:docType="Description">Snack</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="27">
    <xs:annotation>
        <xs:documentation xml:lang="en">Disabled</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Description">Services for
disabled persons</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="28">
    <xs:annotation>
        <xs:documentation xml:lang="en">Movies</xs:documentation>
        <xs:documentation xml:lang="en"
doc:docType="Description">Movies</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="29">
    <xs:annotation>
        <xs:documentation xml:lang="en">Business</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Description">Services for
business people</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="30">
    <xs:annotation>
        <xs:documentation xml:lang="en">Nursery</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Description">Nursery
service</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>

```

```

<xs:enumeration value="31">
  <xs:annotation>
    <xs:documentation xml:lang="en">Buffet</xs:documentation>
    <xs:documentation xml:lang="en"
doc:docType="Description">Buffet</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="32">
  <xs:annotation>
    <xs:documentation xml:lang="en">Special services for
military</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Special
services for army families</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="33">
  <xs:annotation>
    <xs:documentation xml:lang="en">Boarding possible 2 hours before
departure</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Boarding is
possible 2 hours before departure</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="34">
  <xs:annotation>
    <xs:documentation xml:lang="en">Alighting possible until 2 hours after
arrival</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Alighting is
possible up to 2 hours after arrival</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="35">
  <xs:annotation>
    <xs:documentation xml:lang="en">Boarding possible 30 minutes before
departure</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">Boarding is
possible 30 minutes before departure</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
    <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="36">

```

```

        <xs:annotation>
          <xs:documentation xml:lang="en">Alighting possible until 30 minutes
after arrival</xs:documentation>
          <xs:documentation xml:lang="en" doc:docType="Description">Alighting is
possible up to 30 minutes after arrival</xs:documentation>
          <xs:documentation xml:lang="en" doc:docType="Remark"/>
          <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="37">
        <xs:annotation>
          <xs:documentation xml:lang="en">Postal services</xs:documentation>
          <xs:documentation xml:lang="en" doc:docType="Description">Postal
services available</xs:documentation>
          <xs:documentation xml:lang="en" doc:docType="Remark"/>
          <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="38">
        <xs:annotation>
          <xs:documentation xml:lang="en">Meal at the seat</xs:documentation>
          <xs:documentation xml:lang="en" doc:docType="Description">Meal is
provided at the seat</xs:documentation>
          <xs:documentation xml:lang="en" doc:docType="Remark"/>
          <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="39">
        <xs:annotation>
          <xs:documentation xml:lang="en">Self service</xs:documentation>
          <xs:documentation xml:lang="en" doc:docType="Description">Self service
meals</xs:documentation>
          <xs:documentation xml:lang="en" doc:docType="Remark"/>
          <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="40">
        <xs:annotation>
          <xs:documentation xml:lang="en">Overnight stay</xs:documentation>
          <xs:documentation xml:lang="en" doc:docType="Description">Overnight
stay possible on board</xs:documentation>
          <xs:documentation xml:lang="en" doc:docType="Remark"/>
          <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="41">
        <xs:annotation>
          <xs:documentation xml:lang="en">Luggage transport</xs:documentation>
          <xs:documentation xml:lang="en" doc:docType="Description">Luggage
transport offered</xs:documentation>

```

```

        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="42">
    <xs:annotation>
        <xs:documentation xml:lang="en">Luggage transport
excluded</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Description">Luggage
transport is not offered</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="43">
    <xs:annotation>
        <xs:documentation xml:lang="en">Music</xs:documentation>
        <xs:documentation xml:lang="en"
doc:docType="Description">Music</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="44">
    <xs:annotation>
        <xs:documentation xml:lang="en">Check-in</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Description">Time at which
the traveller checks in</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="45">
    <xs:annotation>
        <xs:documentation xml:lang="en">Check-out</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Description">Time at which
the traveller checks out</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="46">
    <xs:annotation>
        <xs:documentation xml:lang="en">Free WiFi on board</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Description">Free WiFi
service on board available</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
    </xs:annotation>

```

	<pre> </xs:enumeration> <xs:enumeration value="47"> <xs:annotation> <xs:documentation xml:lang="en">WiFi on board</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Description">WiFi service on board available</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Remark"/> <xs:documentation xml:lang="en" doc:docType="Status">0</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="48"> <xs:annotation> <xs:documentation xml:lang="en">Warning! Service may be affected by strike action</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Description">Warning! Service may be affected by strike action</xs:documentation> <xs:documentation xml:lang="en" doc:docType="Remark"/> <xs:documentation xml:lang="en" doc:docType="Status">0</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **SpecialTreatments**

diagram	<pre> classDiagram class SpecialTreatments { RU_Partner SpecialTreatmentCode SpecialTreatmentInformation Location } class RU_Partner { "Railway Undertaking dedicated to fulfill the special treatment" } class SpecialTreatmentCode { "Special Treatment code" } class SpecialTreatmentInformation { "Additional Text for codes with free text" } class Location { "Identifies a Location using a LocationIdent" } SpecialTreatments --> RU_Partner SpecialTreatments --> SpecialTreatmentCode SpecialTreatments --> SpecialTreatmentInformation SpecialTreatments --> Location </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	RU_Partner SpecialTreatmentCode SpecialTreatmentInformation Location
used by	element ConsignmentOrderMessage/COMS/COM
annotation	documentation Special treatment

source	<pre> <xs:element name="SpecialTreatments"> <xs:annotation> <xs:documentation>Special treatment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="RU_Partner" minOccurs="0"> <xs:annotation> <xs:documentation>Railway Undertaking dedicated to fulfill the special treatment</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SpecialTreatmentCode"> <xs:annotation> <xs:documentation>Special Treatment code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SpecialTreatmentInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **SpecialTreatments/SpecialTreatmentCode**

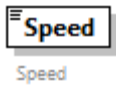
diagram	 The diagram shows a rectangular box labeled 'SpecialTreatmentCode' with a small icon of three horizontal lines to its left. Below the box, the text 'Special Treatment code' is written.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation length 2
annotation	documentation

	Special Treatment code
source	<pre> <xs:element name="SpecialTreatmentCode"> <xs:annotation> <xs:documentation>Special Treatment code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **SpecialTreatments/SpecialTreatmentInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 40
annotation	documentation Additional Text for codes with free text
source	<pre><xs:element name="SpecialTreatmentInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Speed**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short

properties	content simple						
used by	element ListOfSpeedCategories						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>3</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	3	
Kind	Value	Annotation					
totalDigits	3						
annotation	documentation Speed						
source	<pre><xs:element name="Speed"> <xs:annotation> <xs:documentation>Speed</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:totalDigits value="3"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **SpeedRestrictionDueToDamage**

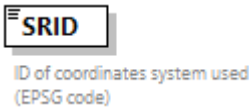
diagram	SpeedRestrictionDueToDamage Speed restriction due to irregularity						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:short						
properties	content simple						
used by	element WagonDataHERMES/DamageWagonData						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>3</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	3	
Kind	Value	Annotation					
totalDigits	3						
annotation	documentation Speed restriction due to irregularity						
source	<pre><xs:element name="SpeedRestrictionDueToDamage"> <xs:annotation> <xs:documentation>Speed restriction due to irregularity</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:totalDigits value="3"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **SpeedRestrictionForSpecialLoad**

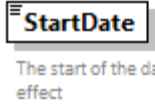
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	content simple
used by	element ExceptionalGaugingInfo
facets	Kind Value Annotation totalDigits 3
annotation	documentation Speed restriction for special load
source	<pre> <xs:element name="SpeedRestrictionForSpecialLoad"> <xs:annotation> <xs:documentation>Speed restriction for special load</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:totalDigits value="3"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

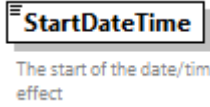
element **SRID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
used by	element GeographicCoordinates
facets	Kind Value Annotation pattern [0-9]{4}
annotation	documentation ID of coordinates system used (EPSG code)
source	<pre> <xs:element name="SRID"> <xs:annotation> <xs:documentation>ID of coordinates system used (EPSG code)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="[0-9]{4}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **StartDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType
annotation	documentation The start of the date/time in effect
source	<pre><xs:element name="StartDate" type="xs:date"> <xs:annotation> <xs:documentation>The start of the date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre>

element **StartDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements RequestedPeriod RequestedTimeframe complexType ValidityPeriodType
annotation	documentation The start of the date/time in effect
source	<pre><xs:element name="StartDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The start of the date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre>

element **StartLocation**

diagram	The diagram illustrates the structure of the StartLocation element. It is connected to a dashed box labeled LocationIdent. Inside this box, there are four sub-elements: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an offication language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location). The StartLocation element is described as the 'Starting point of section or segment'.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements PartJourney WagonPerformanceMessage/PerformanceData complexTypes SectionType TCRType
annotation	documentation Starting point of section or segment
source	<pre> <xs:element name="StartLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Starting point of section or segment</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Station**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint
annotation	documentation Details of station serving the point
source	<pre> <xs:element name="Station"> <xs:annotation> <xs:documentation>Details of station serving the point</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **StatusOfDocument**

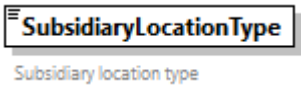
diagram	StatusOfDocument Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	content simple									
used by	element ConsignmentOrderMessage/COMS/COM/AttachedDocuments									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>1</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	2		enumeration	1	
Kind	Value	Annotation								
enumeration	2									
enumeration	1									
annotation	documentation Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN									
source	<pre><xs:element name="StatusOfDocument"> <xs:annotation> <xs:documentation> Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="2"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **SubsidiaryLocationCode**

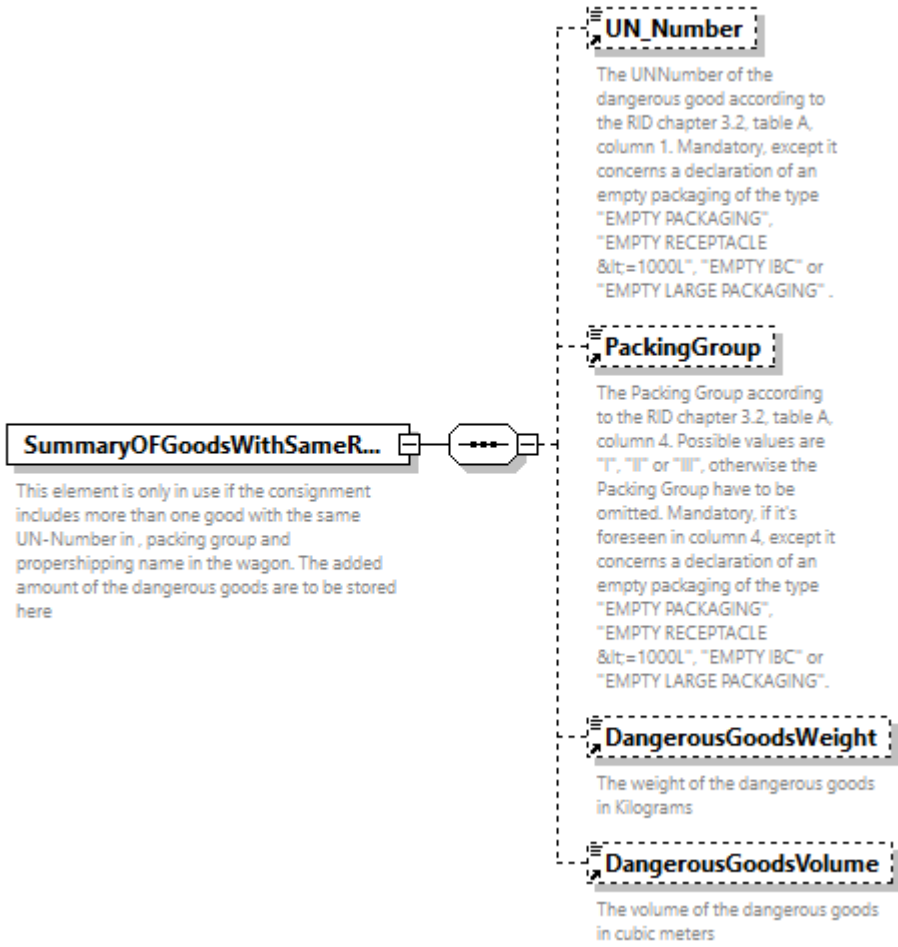
diagram	 Subsidiary location code
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	String1-10
properties	content simple
used by	elements ILU CommercialForwardingData/CommercialDestination CommercialDestinationOfWagon WagonDataHERMES/Consignmentdata/CommercialForwardingData ILU CommercialForwardingData/CommercialOrigin CustomsClearingPoint DeliveryLocation WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation IntermediateHandling OperationalDestinationOfWagon
facets	Kind Value Annotation minLength 1 maxLength 10
annotation	documentation Subsidiary location code
source	<pre><xs:element name="SubsidiaryLocationCode" type="String1-10"> <xs:annotation> <xs:documentation>Subsidiary location code</xs:documentation> </xs:annotation> </xs:element></pre>

element **SubsidiaryLocationType**

diagram	 The diagram shows a box labeled "SubsidiaryLocationType" with a small icon to its left. Below the box, the text "Subsidiary location type" is written.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
used by	elements CustomsClearingPoint WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation IntermediateHandling
facets	Kind Value Annotation length 2 pattern \d*[1-9]\d*
annotation	documentation Subsidiary location type
source	<pre><xs:element name="SubsidiaryLocationType"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **SummaryOFGoodsWithSameRID**

diagram	 SummaryOFGoodsWithSameR... This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and propershipping name in the wagon. The added amount of the dangerous goods are to be stored here UN_Number The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING". PackingGroup The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING". DangerousGoodsWeight The weight of the dangerous goods in Kilograms DangerousGoodsVolume The volume of the dangerous goods in cubic meters
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	UN_Number PackingGroup DangerousGoodsWeight DangerousGoodsVolume
used by	elements ILU ITU RollingRoadUnit Wagons
annotation	documentation This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and propershipping name in the wagon. The added amount of the dangerous goods are to be stored here
source	<pre> <xs:element name="SummaryOFGoodsWithSameRID"> <xs:annotation> <xs:documentation>This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and propershipping name in the wagon. The added amount of the dangerous goods are to be stored here</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre>

	<pre> <xs:element ref="UN_Number" minOccurs="0"/> <xs:element ref="PackingGroup" minOccurs="0"/> <xs:element ref="DangerousGoodsWeight" minOccurs="0"> <xs:annotation> <xs:documentation>The weight of the dangerous goods in Kilograms</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DangerousGoodsVolume" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TableOfLoadLimits**

diagram	<pre> classDiagram class TableOfLoadLimits { "Table of load limits" } class ListOfLoadLimits { "List of load limits" } TableOfLoadLimits "1" -- "0..9" ListOfLoadLimits </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ListOfLoadLimits
used by	element WagonDataHERMES/WagonTechDataHERMES
annotation	documentation Table of load limits
source	<pre> <xs:element name="TableOfLoadLimits"> <xs:annotation> <xs:documentation>Table of load limits</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ListOfLoadLimits" minOccurs="0" maxOccurs="9"> <xs:annotation> <xs:documentation>List of load limits</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ListOfCountriesWhereApplicable"> <xs:annotation> <xs:documentation>List of countries where applicable</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberOfCountries"> <xs:annotation> <xs:documentation>Number of countries</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> </pre>

```

        <xs:minInclusive value="0"/>
        <xs:maxInclusive value="20"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Country" minOccurs="0" maxOccurs="20">
    <xs:annotation>
        <xs:documentation>Country</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:length value="2"/>
            <xs:pattern value="\d*[1-9]\d*" />
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SpeedCategories">
    <xs:annotation>
        <xs:documentation>Speed categories</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="NumberOfSpeedCategories"/>
            <xs:element ref="ListOfSpeedCategories" maxOccurs="6"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
    <xs:element ref="LineCategory" maxOccurs="15"/>
    <xs:element ref="AuthorisedMaximumLoad" maxOccurs="72"/>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **TableOfLoadLimits/ListOfLoadLimits**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 9 content complex
children	ListOfCountriesWhereApplicable SpeedCategories LineCategory AuthorisedMaximumLoad
annotation	documentation List of load limits
source	<pre> <xs:element name="ListOfLoadLimits" minOccurs="0" maxOccurs="9"> <xs:annotation> <xs:documentation>List of load limits</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ListOfCountriesWhereApplicable"> <xs:annotation> <xs:documentation>List of countries where applicable</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberOfCountries"> <xs:annotation> <xs:documentation>Number of countries</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Country" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Country</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>

	<pre> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="SpeedCategories"> <xs:annotation> <xs:documentation>Speed categories</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="NumberOfSpeedCategories"/> <xs:element ref="ListOfSpeedCategories" maxOccurs="6"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="LineCategory" maxOccurs="15"/> <xs:element ref="AuthorisedMaximumLoad" maxOccurs="72"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TableOfLoadLimits/ListOfLoadLimits/ListOfCountriesWhereApplicable**

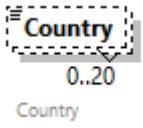
diagram	<pre> classDiagram class ListOfCountriesWhereApplicable { <<complexType>> +NumberOfCountries +Country } class NumberOfCountries { <<simpleType>> } class Country { <<complexType>> } ListOfCountriesWhereApplicable --> NumberOfCountries ListOfCountriesWhereApplicable --> Country </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NumberOfCountries Country
annotation	documentation List of countries where applicable
source	<pre> <xs:element name="ListOfCountriesWhereApplicable"> <xs:annotation> <xs:documentation>List of countries where applicable</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberOfCountries"> <xs:annotation> <xs:documentation>Number of countries</xs:documentation> </xs:annotation> <xs:simpleType> </pre>

	<pre> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Country" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Country</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

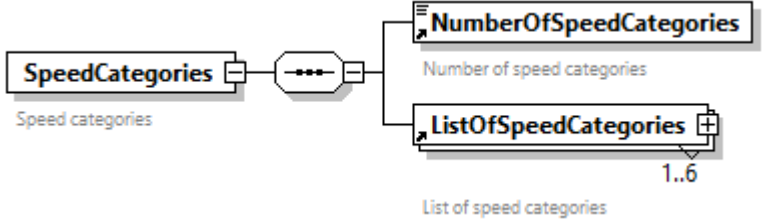
element **TableOfLoadLimits/ListOfLoadLimits/ListOfCountriesWhereApplicable/NumberOfCountries**

diagram	NumberOfCountries Number of countries									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>20</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	20	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	20									
annotation	documentation Number of countries									
source	<pre><xs:element name="NumberOfCountries"> <xs:annotation> <xs:documentation>Number of countries</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="20"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TableOfLoadLimits/ListOfLoadLimits/ListOfCountriesWhereApplicable/Country**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 20 content simple
facets	Kind Value Annotation length 2 pattern \d*[1-9]\d*
annotation	documentation Country
source	<pre><xs:element name="Country" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Country</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **TableOfLoadLimits/ListOfLoadLimits/SpeedCategories**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NumberOfSpeedCategories ListOfSpeedCategories
annotation	documentation Speed categories
source	<pre><xs:element name="SpeedCategories"> <xs:annotation> <xs:documentation>Speed categories</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre>

	<pre> <xs:element ref="NumberOfSpeedCategories"/> <xs:element ref="ListOfSpeedCategories" maxOccurs="6"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TankCapacity**

diagram	TankCapacity Loading capacity in liter									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element VolumeSpecification									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>9999999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999999									
annotation	documentation Loading capacity in liter									
source	<pre><xs:element name="TankCapacity"> <xs:annotation> <xs:documentation>Loading capacity in liter</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TareOfUnit**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element ILU Data									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999999									

annotation	documentation Tare of unit
source	<pre> <xs:element name="TareOfUnit"> <xs:annotation> <xs:documentation>Tare of unit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TCRCanceledMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader TCRID Description
annotation	documentation TCR Canceled message to be used to reject the planned (created) TCR. The status of TCR will be changed to "Canceled" and can not be edit any more
source	<pre> <xs:element name="TCRCanceledMessage"> <xs:annotation> <xs:documentation>TCR Canceled message to be used to reject the planned (created) TCR. The status of TCR will be changed to "Canceled" and can not be edit any more</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="TCRID"/> <xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Brief description of the TCR cancellation.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<code></xs:element></code>

element **TCRCanceledMessage/Description**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Brief description of the TCR cancelation.
source	<pre><xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Brief description of the TCR cancelation.</xs:documentation> </xs:annotation> </xs:element></pre>

element **TCRClassification**

diagram	TCRClassification Classifies the impact of the TCR 10 Minor 20 Medium 30 High 40 Major 50 Unclassified
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:token
properties	content simple
used by	element TCRSearchCriteria/TCRClassificationSearch complexType OperationalConsequencesType
facets	Kind Value Annotation enumeration 10 enumeration 20 enumeration 30 enumeration 40 enumeration 50
annotation	documentation Classifies the impact of the TCR 10 Minor

	20 Medium 30 High 40 Major 50 Unclassified
source	<pre> <xs:element name="TCRClassification"> <xs:annotation> <xs:documentation>Classifies the impact of the TCR 10 Minor 20 Medium 30 High 40 Major 50 Unclassified </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"/> <xs:enumeration value="20"/> <xs:enumeration value="30"/> <xs:enumeration value="40"/> <xs:enumeration value="50"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TCRDirection**

diagram	TCRDirection Defines, which direction of the section is affected by the TCR (bi-directional, direction towards starting point of the location, direction towards end point of the location). 10 Both direction 20 end to start 30 start to end												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:token												
properties	content simple												
used by	complexType TCRType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>10</td><td></td></tr><tr><td>enumeration</td><td>20</td><td></td></tr><tr><td>enumeration</td><td>30</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	10		enumeration	20		enumeration	30	
Kind	Value	Annotation											
enumeration	10												
enumeration	20												
enumeration	30												

annotation	documentation Defines, which direction of the section is affected by the TCR (bi-directional, direction towards starting point of the location, direction towards end point of the location). 10 Both direction 20 end to start 30 start to end
source	<pre> <xs:element name="TCRDirection"> <xs:annotation> <xs:documentation>Defines, which direction of the section is affected by the TCR (bi-directional, direction towards starting point of the location, direction towards end point of the location). 10 Both direction 20 end to start 30 start to end </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"/> <xs:enumeration value="20"/> <xs:enumeration value="30"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

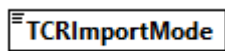
element **TCRID**

diagram	CompositIdentifierPlannedType ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) and TCR(TC) Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determent by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: The start of the date/time in effect TCRID: Unique Identifier for a TCR.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements TCRCanceledMessage TCRSearchCriteria/TCRIDSearch complexType ImportResultType
annotation	documentation Unique Identifier for a TCR.
source	<pre><xs:element name="TCRID" type="CompositIdentifierPlannedType"> <xs:annotation> <xs:documentation>Unique Identifier for a TCR.</xs:documentation> </xs:annotation> </xs:element></pre>

element **TCRImportJobStatus**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	NEW	
	enumeration	PROCESSING	
	enumeration	FINISHED	
source	<pre><xs:element name="TCRImportJobStatus"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="NEW"/> <xs:enumeration value="PROCESSING"/> <xs:enumeration value="FINISHED"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **TCRImportMode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>IMPORT</td><td></td></tr><tr><td>enumeration</td><td>VALIDATE</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	IMPORT		enumeration	VALIDATE	
Kind	Value	Annotation								
enumeration	IMPORT									
enumeration	VALIDATE									
source	<pre><xs:element name="TCRImportMode"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="IMPORT"/> <xs:enumeration value="VALIDATE"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TCRMeasures**

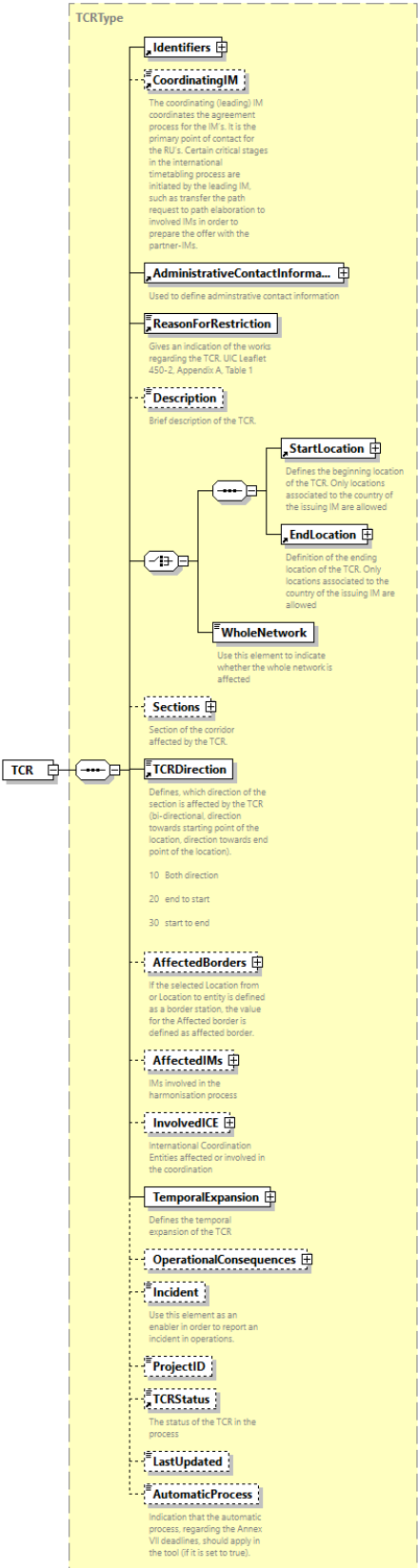
diagram	TCRMeasures Indication of traffic measures taken regarding the TCR. 10 Freight trains 20 LongDistance trains 30 ShortDistance trains 40 Commuter trains															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:token															
properties	content simple															
used by	complexTypees AffectedServicesType DelayType															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>10</td><td></td></tr><tr><td>enumeration</td><td>20</td><td></td></tr><tr><td>enumeration</td><td>30</td><td></td></tr><tr><td>enumeration</td><td>40</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	10		enumeration	20		enumeration	30		enumeration	40	
Kind	Value	Annotation														
enumeration	10															
enumeration	20															
enumeration	30															
enumeration	40															
annotation	documentation Indication of traffic measures taken regarding the TCR. 10 Freight trains 20 LongDistance trains 30 ShortDistance trains 40 Commuter trains															
source	<pre><xs:element name="TCRMeasures"> <xs:annotation> <xs:documentation>Indication of traffic measures taken regarding the TCR. 10 Freight trains 20 LongDistance trains 30 ShortDistance trains 40 Commuter trains </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"/> <xs:enumeration value="20"/> <xs:enumeration value="30"/> <xs:enumeration value="40"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element TCRMessage

diagram	TCRMessage Message to exchange information about TCRs between the systems of the involved IMs/Allocations Bodies and RU/Applicants MessageHeader Used for all messages TCR
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader TCR
annotation	documentation Message to exchange information about TCRs between the systems of the involved IMs/Allocations Bodies and RU/Applicants
source	<pre> <xs:element name="TCRMessage"> <xs:annotation> <xs:documentation>Message to exchange information about TCRs between the systems of the involved IMs/Allocations Bodies and RU/Applicants</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <!-- IM responsible for the TCR --> <xs:element name="TCR" type="TCRType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

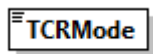
element **TCRMessage/TCR**

diagram

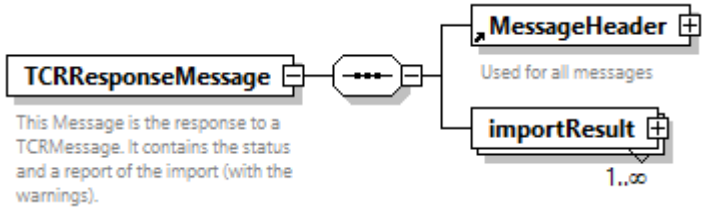


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	TCRType
properties	content complex
children	Identifiers CoordinatingIM AdministrativeContactInformation ReasonForRestriction Description StartLocation EndLocation WholeNetwork Sections TCRDirection AffectedBorders AffectedIMs InvolvedICE TemporalExpansion OperationalConsequences Incident ProjectID TCRStatus LastUpdated AutomaticProcess
source	<pre><xs:element name="TCR" type="TCRType"/></pre>

element **TCRMode**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
used by	complexType ImportResultType															
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>NEW</td><td></td></tr><tr><td>enumeration</td><td>UPDATE</td><td></td></tr><tr><td>enumeration</td><td>CANCEL</td><td></td></tr><tr><td>enumeration</td><td>IGNORE</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	NEW		enumeration	UPDATE		enumeration	CANCEL		enumeration	IGNORE	
Kind	Value	Annotation														
enumeration	NEW															
enumeration	UPDATE															
enumeration	CANCEL															
enumeration	IGNORE															
source	<pre><xs:element name="TCRMode"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="NEW"/> <xs:enumeration value="UPDATE"/> <xs:enumeration value="CANCEL"/> <xs:enumeration value="IGNORE"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element **TCRResponseMessage**

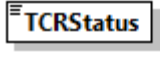
diagram	 A diagram showing the structure of the TCRResponseMessage element. It is a container element (rectangle with a small square on the left) containing a sequence of elements. The first element is a message header (rectangle with a small square on the left) labeled 'MessageHeader' with the note 'Used for all messages'. The second element is a complex type (rectangle with a small square on the left) labeled 'importResult' with a cardinality of '1..∞'. The TCRResponseMessage element has a cardinality of '1'.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	MessageHeader importResult
annotation	documentation This Message is the response to a TCRMessage. It contains the status and a report of the import (with the warnings).
source	<pre> <xs:element name="TCRResponseMessage"> <xs:annotation> <xs:documentation>This Message is the response to a TCRMessage. It contains the status and a report of the import (with the warnings).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element name="importResult" type="ImportResultType" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TCRResponseMessage/importResult**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ImportResultType
properties	minOcc 1 maxOcc unbounded content complex
children	TCRID SyntaxValidation SemanticValidation DataValidation TCRMode
source	<pre> <xs:element name="importResult" type="ImportResultType" maxOccurs="unbounded"/> </pre>

element **TCRStatus**

diagram	 The status of the TCR in the process		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
used by	element complexType	TCRSearchCriteria/TCRStatusSearch TCRType	
facets	Kind	Value	Annotation
	enumeration	10	documentation Planned
	enumeration	20	documentation Coordination
	enumeration	30	documentation Consultation
	enumeration	40	documentation Published
	enumeration	50	documentation Canceled
	enumeration	60	documentation Archived
	enumeration	90	documentation Notified
	enumeration	91	documentation Solved
annotation	documentation The status of the TCR in the process		
source	<pre> <xs:element name="TCRStatus"> <xs:annotation> <xs:documentation>The status of the TCR in the process</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"> <xs:annotation> <xs:documentation xml:lang="en">Planned</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="20"> <xs:annotation> <xs:documentation xml:lang="en">Coordination</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="30"> <xs:annotation> <xs:documentation xml:lang="en">Consultation</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="40"> </pre>		

	<pre> <xs:annotation> <xs:documentation xml:lang="en">Published</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="50"> <xs:annotation> <xs:documentation xml:lang="en">Canceled</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="60"> <xs:annotation> <xs:documentation xml:lang="en">Archived</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="90"> <xs:annotation> <xs:documentation xml:lang="en">Notified</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="91"> <xs:annotation> <xs:documentation xml:lang="en">Solved</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TCRTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	StartTime EndTime
used by	complexType TemporalExpansionType

attributes	Name TCRTimeQualifier Type derived by: xs:token Use Default Fixed Annotation documentation Timing and offset definition at a specific location. Value : START_LOCATION END_LOCATION ALL_LOCATIONS
source	<pre> <xs:element name="TCRTimeAtLocation"> <xs:complexType> <xs:sequence> <xs:element name="StartTime" type="TimeAndOffset"> <xs:annotation> <xs:documentation>Start date / time of the TCR</xs:documentation> </xs:annotation> </xs:element> <xs:element name="EndTime" type="TimeAndOffset"> <xs:annotation> <xs:documentation>End date / time of the TCR</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> <xs:attribute ref="TCRTimeQualifier"/> </xs:complexType> </xs:element> </pre>

element **TCRTimeAtLocation/StartTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	TimeAndOffset
properties	content complex
children	Time Offset
annotation	documentation Start date / time of the TCR
source	<pre> <xs:element name="StartTime" type="TimeAndOffset"> <xs:annotation> </pre>

	<pre> <xs:documentation>Start date / time of the TCR</xs:documentation> </xs:annotation> </xs:element> </pre>

element **TCRTimeAtLocation/EndTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	TimeAndOffset
properties	content complex
children	Time Offset
annotation	documentation End date / time of the TCR
source	<pre> <xs:element name="EndTime" type="TimeAndOffset"> <xs:annotation> <xs:documentation>End date / time of the TCR</xs:documentation> </xs:annotation> </xs:element> </pre>

element **TechnicalForwardingRestrictions**

diagram

TechnicalForwardingRestrictions

This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load-

All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list which is contained in the code list RestrictionCodes.

In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element.

F =

Freight

P = Passenger

T = Technical

D = Damage

L = Load

Code	F or P	Description

T

D

L

07	F	Shunt only when hand brake operable with ground staff

x

x

11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres

x

12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres

x

13	F	Bogie wagon with distance between wheels of more than 17,50 metres

x

15	F	Wagon not allowed over the hump

x

x

x

16	F	Do not fly shunt or gravity shunt (3 red triangles)

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	RestrictionCodes		
properties	content	simple	
used by	element	RollingStockDataset/DesignDataSet	
facets	Kind	Value	Annotation
	enumeration	07	documentation F - Shunt only when hand brake operable with ground staff
	enumeration	08	documentation F - Tank wagon loaded with liquid
	enumeration	09	documentation F - Wagon loaded with people
	enumeration	11	documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres
	enumeration	12	documentation F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
	enumeration	13	documentation F - Bogie wagon with distance between wheels of more than 17,50 metres
	enumeration	15	documentation F - Wagon not allowed over the hump
	enumeration	16	documentation F - Do not fly shunt or gravity shunt (3 red triangles)
	enumeration	18	documentation F - Must not use active braking equipment
	enumeration	25	documentation F - Gas carrying tank wagon with orange side stripe
	enumeration	30	documentation P (+F) - CCS fault (see CCS coding list)
	enumeration	31	documentation P (+F) - Braking system fault
	enumeration	32	documentation P (+F) - Wheelset, bogie fault
	enumeration	33	documentation P (+F) - Headlighting or back lighting fault
	enumeration	34	documentation P (+F) - Front glass broken
	enumeration	35	documentation P (+F) - Horn fault
	enumeration	36	documentation P (+F) - Radio fault
	enumeration	37	documentation P (+F) - Energy supply fault
	enumeration	38	documentation P (+F) - Traction or motor fault
	enumeration	39	documentation P - Access door fault
	enumeration	41	documentation F - Place this wagon at the front of the train
	enumeration	42	documentation F - Place this wagon at the rear of the train
	enumeration	50	documentation

	enumeration	52	P (+F) - Speed restriction documentation																		
	enumeration	61	P (+F) - Diesel locomotive instead of electric locomotive documentation																		
	enumeration	62	F - Wagon forming part of a consignment of several wagons documentation																		
	enumeration	63	F - Wagon forming part of a group of wagons from which it must not be separated documentation																		
	enumeration	68	F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one documentation																		
	enumeration	70	F - First or last wagon of a wagon group from which it must not be separated documentation																		
	enumeration	71	F - Shunt with care (1 red triangle) documentation																		
	enumeration	90	F - Shunt with special care (2 red triangle) documentation																		
	enumeration	91	P - Train planned with passengers operated without passengers documentation																		
	enumeration	92	P - Train planned without passengers operated with passengers documentation																		
	enumeration	94	P - Train planned with hauled rolling stock and operated without any coaches (light engine) documentation																		
	enumeration	99	F - Gas carrying wagon without orange side stripe documentation																		
			P - Other																		
annotation	documentation		This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load- All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list which is contained in the code list RestrictionCodes. In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element. F = Freight P = Passenger T = Technical D = Damage L = Load <table><tr><th>Code</th><th>F or P</th><th>Description</th></tr><tr><td></td><td></td><td style="text-align: center;">T D L</td></tr><tr><td>07</td><td>F</td><td>Shunt only when hand brake operable with ground staff</td></tr><tr><td></td><td>x</td><td></td></tr><tr><td>11</td><td>F</td><td>Wagon other than bogie wagon with wheelbase of more than 9 metres</td></tr><tr><td></td><td></td><td style="text-align: center;">x</td></tr></table>	Code	F or P	Description			T D L	07	F	Shunt only when hand brake operable with ground staff		x		11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres			x
Code	F or P	Description																			
		T D L																			
07	F	Shunt only when hand brake operable with ground staff																			
	x																				
11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres																			
		x																			

	12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres	
	13	F	Bogie wagon with distance between wheels of more than 17,50 metres	
	15	F	Wagon not allowed over the hump	x
	16	F	Do not fly shunt or gravity shunt (3 red triangles)	x x x
	18	F	Must not use active braking equipment	x x
	25	F	Gas carrying tank wagon with orange side stripe	x
	41	F	Place this wagon at the front of the train	
	42	F	Place this wagon at the rear of the train	x x x
	63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one	x x x
	70	F	Shunt with care (1 red triangle)	x x
	71	F	Shunt with special care (2 red triangle)	x x x
	94	F	Gas carrying wagon without orange side stripe	x x x
				x
source	<code><xs:element name="TechnicalForwardingRestrictions" type="RestrictionCodes"></code> <code><xs:annotation></code> <code><xs:documentation></code> This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load- All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list which is contained in the code list RestrictionCodes. In this element we use only those codes that have "T - Technical"			

characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element.

F = Freight

P = Passenger

T = Technical

D = Damage

L = Load

Code F or P Description

		T	D	L	
07	F				Shunt only when hand brake operable with ground staff
					x
11	F				Wagon other than bogie wagon with wheelbase of more than 9 metres
					x
12	F				Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
13	F				Bogie wagon with distance between wheels of more than 17,50 metres
					x
15	F				Wagon not allowed over the hump
					x
16	F	x	x		Do not fly shunt or gravity shunt (3 red triangles)
					x
18	F	x			Must not use active braking equipment
					x
25	F				Gas carrying tank wagon with orange side stripe
					x
41	F				Place this wagon at the front of the train
					x
42	F	x	x		Place this wagon at the rear of the train
					x
63	F (+P)	x	x		Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one
					x
70	F				Shunt with care (1 red triangle)
					x
71	F	x	x	x	Shunt with special care (2 red triangle)

	<pre> x x x 94 F Gas carrying wagon without orange side stripe x </xs:documentation> </xs:annotation> </xs:element> </pre>

element **TechnicalParameters**

diagram	TechnicalParameters TrainWeight The sum of all weights of wagons and traction units TrainLength The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres TrainMaxSpeed The max. possible speed of a train in km/h PlannedSpeed IM may inform the RA of the recommended speed which was the basis for path construction. Adjusting the speed to the situation remains the responsibility of the operating RU. Acceleration Shown in m/s^2 BrakeType Type of braking system. BrakingRatio Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainWeight TrainLength TrainMaxSpeed PlannedSpeed Acceleration BrakeType BrakingRatio

used by	complexType PlannedLocationInfoType
source	<pre> <xs:element name="TechnicalParameters"> <xs:complexType> <xs:sequence> <xs:element ref="TrainWeight" minOccurs="0"/> <xs:element ref="TrainLength" minOccurs="0"/> <xs:element ref="TrainMaxSpeed" minOccurs="0"/> <xs:element ref="PlannedSpeed" minOccurs="0"/> <xs:element ref="Acceleration" minOccurs="0"/> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="BrakingRatio" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TechnicalRestrictions**

diagram	TechnicalRestrictions Restrictions, depending on design characteristics		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:short		
properties	content	simple	
used by	element	WagonDataHERMES/WagonTechDataHERMES	
facets	Kind	Value	Annotation
	enumeration	07	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	15	
	enumeration	16	
	enumeration	18	
	enumeration	25	
	enumeration	41	
	enumeration	42	
	enumeration	63	
	enumeration	70	
	enumeration	71	
	enumeration	72	
annotation	documentation	Restrictions, depending on design characteristics	
source	<xs:element name="TechnicalRestrictions"> <xs:annotation> <xs:documentation>Restrictions, depending on design characteristics</xs:documentation>		

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="07"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="15"/> <xs:enumeration value="16"/> <xs:enumeration value="18"/> <xs:enumeration value="25"/> <xs:enumeration value="41"/> <xs:enumeration value="42"/> <xs:enumeration value="63"/> <xs:enumeration value="70"/> <xs:enumeration value="71"/> <xs:enumeration value="72"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

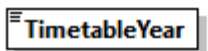
element **TelematicDeviceID**

diagram	TelematicDeviceID ID of the tracking device on the transport device. "NA" is not available.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element RunningStatusReportMessage									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>256</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	256	
Kind	Value	Annotation								
minLength	1									
maxLength	256									
annotation	documentation ID of the tracking device on the transport device. "NA" is not available.									
source	<pre><xs:element name="TelematicDeviceID"> <xs:annotation> <xs:documentation>ID of the tracking device on the transport device. "NA" is not available.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TiltingFunction**

diagram	 Indicates if a train uses a tilting system
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	elements GeneralParameters PassengerTrainData PlannedTrainTechnicalData
annotation	documentation Indicates if a train uses a tilting system
source	<pre><xs:element name="TiltingFunction" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates if a train uses a tilting system</xs:documentation> </xs:annotation> </xs:element></pre>

element **TimetableYear**

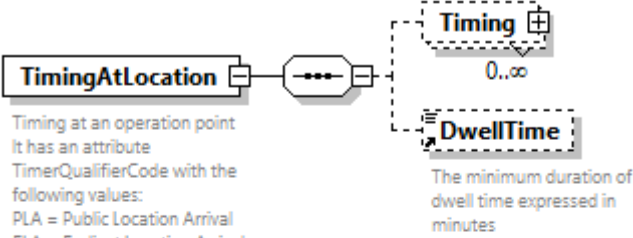
diagram	 Refers to the timetable period in which the business will be carried out
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	content simple
used by	complexTypees CompositIdentifierOperationalType CompositIdentifierPlannedType
facets	Kind Value Annotation minInclusive 2012 maxInclusive 2097
annotation	documentation Refers to the timetable period in which the business will be carried out
source	<pre><xs:element name="TimetableYear"> <xs:annotation> <xs:documentation>Refers to the timetable period in which the business will be carried out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="2012"/> <xs:maxInclusive value="2097"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

	<pre> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TimeUnit**

diagram	TimeUnit Indicates whether weekly or monthly time unit is used for indication of the frequency.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	content simple									
used by	element FrequencyOfDays									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>0</td><td>documentation Weekly</td></tr><tr><td>enumeration</td><td>1</td><td>documentation Monthly</td></tr></table>	Kind	Value	Annotation	enumeration	0	documentation Weekly	enumeration	1	documentation Monthly
Kind	Value	Annotation								
enumeration	0	documentation Weekly								
enumeration	1	documentation Monthly								
annotation	documentation Indicates whether weekly or monthly time unit is used for indication of the frequency.									
source	<pre><xs:element name="TimeUnit"> <xs:annotation> <xs:documentation>Indicates whether weekly or monthly time unit is used for indication of the frequency.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Weekly</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Monthly</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TimingAtLocation**

diagram	 Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arrival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Timing DwellTime
used by	elements AssociatedAttachedTimingAtLocation TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/DestinationOfVehicle TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/OriginOfVehicle PlannedJourneyLocation complexType PlannedLocationInfoType
annotation	documentation Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arrival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through
source	<pre><xs:element name="TimingAtLocation"> <xs:annotation> <xs:documentation>Timing at an operation point It has an attribute TimerQualifierCode with the following values:</pre>

PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through <pre> </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Timing" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Time"> <xs:annotation> <xs:documentation>hh:mm:ss</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:time"/> </xs:simpleContent> </xs:complexType> </xs:element> <xs:element ref="Offset"> <xs:annotation> <xs:documentation>in days</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> <xs:attribute ref="TimingQualifierCode"/> </xs:complexType> </xs:element> <xs:element ref="DwellTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TimingAtLocation/Timing**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
properties	minOcc 0 maxOcc unbounded content complex					
children	Time Offset BookedLocationDateTime					
attributes	Name	Type	Use	Default	Fixed	Annotation
	TimingQualifierCode	derived by: xs:token				
source	<pre> <xs:element name="Timing" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Time"> <xs:annotation> <xs:documentation>hh:mm:ss</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:time"/> </xs:simpleContent> </xs:complexType> </xs:element> <xs:element ref="Offset"> <xs:annotation> <xs:documentation>in days</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> <xs:attribute ref="TimingQualifierCode"/> </xs:complexType> </xs:element> </pre>					

element **TimingAtLocation/Timing/Time**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of xs:time
properties	content complex
annotation	documentation hh:mm:ss
source	<pre> <xs:element name="Time"> <xs:annotation> <xs:documentation>hh:mm:ss</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:time"/> </xs:simpleContent> </xs:complexType> </xs:element> </pre>

element **ToleranceOnOverhaulDate**

diagram	ToleranceOnOverhaulDate Tolerance on overhaul date									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element Overhaul									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>9</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9									
annotation	documentation Tolerance on overhaul date									
source	<pre><xs:element name="ToleranceOnOverhaulDate"> <xs:annotation> <xs:documentation>Tolerance on overhaul date</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TotalLoadWeight**

diagram	TotalLoadWeight The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	elements WagonPerformanceMessage/PerformanceData RollingStockTechnicalData UnitTechnicalData WagonLoad WagonOperationalData												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment												
source	<pre><xs:element name="TotalLoadWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment</xs:documentation> </xs:annotation> </xs:element></pre>												

element **TotalWagonWeight**

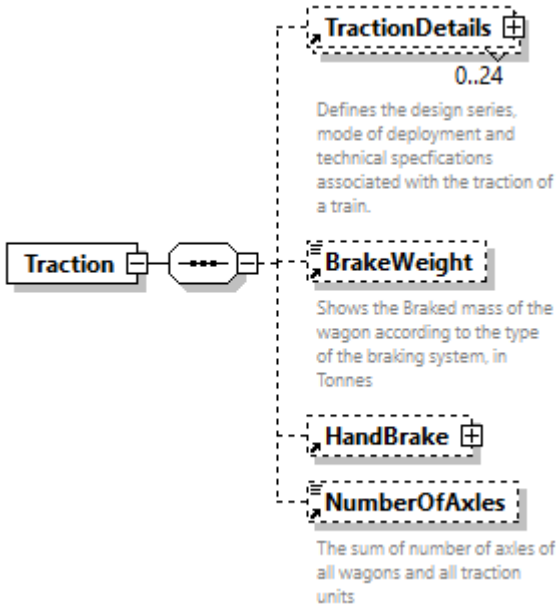
diagram	TotalWagonWeight Total wagon weight												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	element ActualOperationalWagonData												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Total wagon weight												

source	<pre><xs:element name="TotalWagonWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total wagon weight</xs:documentation> </xs:annotation> </xs:element></pre>

element **TotalWeight**

diagram	TotalWeight Total weight of the loaded wagon [kg].												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	elements Wagons/WagonDetails WagonInformation												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Total weight of the loaded wagon [kg].												
source	<pre><xs:element name="TotalWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the loaded wagon [kg]. </xs:documentation> </xs:annotation> </xs:element></pre>												

element **Traction**

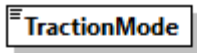
diagram	 Traction TractionDetails 0..24 Defines the design series, mode of deployment and technical specifications associated with the traction of a train. BrakeWeight Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes HandBrake NumberOfAxes The sum of number of axles of all wagons and all traction units
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TractionDetails BrakeWeight HandBrake NumberOfAxes
source	<pre> <xs:element name="Traction"> <xs:complexType> <xs:sequence> <xs:element ref="TractionDetails" minOccurs="0" maxOccurs="24"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="HandBrake" minOccurs="0"/> <xs:element ref="NumberOfAxes" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TractionDetails**

diagram	TractionDetails Defines the design series, mode of deployment and technical specifications associated with the traction of a train. LocoTypeNumber Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive TypeOfUsedHybridPowerunit Indication of type of power unit of a hybrid loco which is used; it has be filled only mandatory in case of hybrid locomotive TractionMode Identifies the mode of deployment of a traction unit within a train TractionWeight Check with group to see if it is for sum or individual - check TAP Length Length in millimetres - Used for TAP
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LocoTypeNumber TypeOfUsedHybridPowerunit TractionMode TractionWeight Length
used by	elements PlannedTrainTechnicalData Traction
annotation	documentation Defines the design series, mode of deployment and technical specifications associated with the traction of a train.
source	<pre> <xs:element name="TractionDetails"> <xs:annotation> <xs:documentation>Defines the design series, mode of deployment and technical specifications associated with the traction of a train.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocoTypeNumber"/> <xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"> <xs:annotation> <xs:documentation>Indication of type of power unit of a hybrid loco which is used; it has be filled only mandatory in case of hybrid locomotive</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TractionMode" minOccurs="0"> <xs:annotation> </pre>

	<pre> <xs:documentation>Identifies the mode of deployment of a traction unit within a train</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TractionWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Check with group to see if it is for sum or individual - check TAP</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Length" minOccurs="0"> <xs:annotation> <xs:documentation>Length in millimetres - Used for TAP</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TractionMode**

diagram	 Identifies the mode of deployment of a traction within a train First digit – traction role Second digit – position in group of traction units with the same role		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	content simple		
used by	elements Locoldent TrainCompositionJourneySection/Locoldent TractionDetails UnitData		
facets	Kind	Value	Annotation
	minInclusive	11	
	maxInclusive	99	
	enumeration	11	documentation Train traction in the front of the train - 1st traction unit in the group
	enumeration	21	documentation Intermediate traction - 1st traction unit in the group
	enumeration	31	documentation Banking locomotive - 1st traction unit in the group
	enumeration	41	documentation Banking locomotive not coupled - 1st traction unit in the group
	enumeration	51	documentation Train traction in the rear of the train - 1st traction unit in the group
	enumeration	12	documentation Train traction in the front of the train - 2nd traction unit in the group
	enumeration	22	documentation

	enumeration 32 documentation Intermediate traction - 2nd traction unit in the group enumeration 42 documentation Banking locomotive - 2nd traction unit in the group enumeration 52 documentation Banking locomotive not coupled - 2nd traction unit in the group enumeration 13 documentation Train traction in the rear of the train - 2nd traction unit in the group enumeration 23 documentation Train traction in the front of the train - 3rd traction unit in the group enumeration 33 documentation Intermediate traction - 3rd traction unit in the group enumeration 43 documentation Banking locomotive - 3rd traction unit in the group enumeration 53 documentation Banking locomotive not coupled - 3rd traction unit in the group enumeration 14 documentation Train traction in the rear of the train - 3rd traction unit in the group enumeration 24 documentation Train traction in the front of the train - 4th traction unit in the group enumeration 34 documentation Intermediate traction - 4th traction unit in the group enumeration 44 documentation Banking locomotive - 4th traction unit in the group enumeration 54 documentation Banking locomotive not coupled - 4th traction unit in the group enumeration 15 documentation Train traction in the rear of the train - 4th traction unit in the group enumeration 25 documentation Train traction in the front of the train - 5th traction unit in the group enumeration 35 documentation Intermediate traction - 5th traction unit in the group enumeration 45 documentation Banking locomotive - 5th traction unit in the group enumeration 55 documentation Banking locomotive not coupled - 5th traction unit in the group enumeration 16 documentation Train traction in the rear of the train - 5th traction unit in the group enumeration 26 documentation Train traction in the front of the train - 6th traction unit in the group enumeration 36 documentation Intermediate traction - 6th traction unit in the group enumeration 46 documentation Banking locomotive - 6th traction unit in the group enumeration 56 documentation Banking locomotive not coupled - 6th traction unit in the group enumeration 56 documentation Train traction in the rear of the train - 6th traction unit in the group
annotation	documentation Identifies the mode of deployment of a traction within a train First digit – traction role Second digit – position in group of traction units with the same role
source	<xs:element name="TractionMode">

```

<xs:annotation>
  <xs:documentation>Identifies the mode of deployment of a traction within a train
First digit - traction role
Second digit - position in group of traction units with the same role
</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="11"/>
    <xs:maxInclusive value="99"/>
    <xs:enumeration value="11">
      <xs:annotation>
        <xs:documentation>Train traction in the front of the train - 1st traction
unit in the group</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="21">
      <xs:annotation>
        <xs:documentation>Intermediate traction - 1st traction unit in the
group</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="31">
      <xs:annotation>
        <xs:documentation>Banking locomotive - 1st traction unit in the
group</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="41">
      <xs:annotation>
        <xs:documentation>Banking locomotive not coupled - 1st traction unit in
the group</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="51">
      <xs:annotation>
        <xs:documentation>Train traction in the rear of the train - 1st traction
unit in the group</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="12">
      <xs:annotation>
        <xs:documentation>Train traction in the front of the train - 2nd traction
unit in the group</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="22">
      <xs:annotation>
        <xs:documentation>Intermediate traction - 2nd traction unit in the
group</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="32">
      <xs:annotation>
        <xs:documentation>Banking locomotive - 2nd traction unit in the

```

```

group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="42">
  <xs:annotation>
    <xs:documentation>Banking locomotive not coupled - 2nd traction unit in
the group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="52">
  <xs:annotation>
    <xs:documentation>Train traction in the rear of the train - 2nd traction
unit in the group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Train traction in the front of the train - 3rd traction
unit in the group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="23">
  <xs:annotation>
    <xs:documentation>Intermediate traction - 3rd traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="33">
  <xs:annotation>
    <xs:documentation>Banking locomotive - 3rd traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="43">
  <xs:annotation>
    <xs:documentation>Banking locomotive not coupled - 3rd traction unit in
the group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="53">
  <xs:annotation>
    <xs:documentation>Train traction in the rear of the train - 3rd traction
unit in the group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>Train traction in the front of the train - 4th traction
unit in the group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Intermediate traction - 4th traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

```

        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="34">
        <xs:annotation>
          <xs:documentation>Banking locomotive - 4th traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="44">
        <xs:annotation>
          <xs:documentation>Banking locomotive not coupled - 4th traction unit in
the group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="54">
        <xs:annotation>
          <xs:documentation>Train traction in the rear of the train - 4th traction
unit in the group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="15">
        <xs:annotation>
          <xs:documentation>Train traction in the front of the train - 5th traction
unit in the group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="25">
        <xs:annotation>
          <xs:documentation>Intermediate traction - 5th traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="35">
        <xs:annotation>
          <xs:documentation>Banking locomotive - 5th traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="45">
        <xs:annotation>
          <xs:documentation>Banking locomotive not coupled - 5th traction unit in
the group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="55">
        <xs:annotation>
          <xs:documentation>Train traction in the rear of the train - 5th traction
unit in the group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="16">
        <xs:annotation>
          <xs:documentation>Train traction in the front of the train - 6th traction
unit in the group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>

```

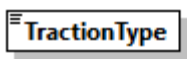
	<pre> </xs:enumeration> <xs:enumeration value="26"> <xs:annotation> <xs:documentation>Intermediate traction - 6th traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="36"> <xs:annotation> <xs:documentation>Banking locomotive - 6th traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="46"> <xs:annotation> <xs:documentation>Banking locomotive not coupled - 6th traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="56"> <xs:annotation> <xs:documentation>Train traction in the rear of the train - 6th traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TractionPositionInTrain**

diagram	TractionPositionInTrain Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	elements Locoldent TrainCompositionJourneySection/Locoldent									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>01</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.									
source	<pre><xs:element name="TractionPositionInTrain"> <xs:annotation></pre>									

	<pre> <xs:documentation>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="01"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TractionType**

diagram	 Identifies the type of a locomotive: First digit: "0" = not specified "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) "2" = on-board traction power supply for traction without external electrical or other power supply available "3" = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014): "0" = not specified "1" = locomotive or power unit "2" = trainset or multiple unit or railcar "3" = shunter "4" = on track machine or infrastructure inspection vehicle		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
used by	elements	Locoldent TrainCompositionJourneySection/Locoldent UnitData	
facets	Kind	Value	Annotation
	enumeration	00	
	enumeration	01	
	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	10	
	enumeration	11	

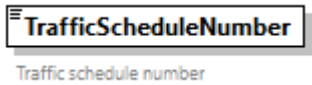
	enumeration 12 enumeration 13 enumeration 14 enumeration 20 enumeration 21 enumeration 22 enumeration 23 enumeration 24 enumeration 30 enumeration 31 enumeration 32 enumeration 33 enumeration 34
annotation	documentation Identifies the type of a locomotive: First digit: "0" = not specified "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) "2" = on-board traction power supply for traction without external electrical or other power supply available "3" = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014): "0" = not specified "1" = locomotive or power unit "2" = trainset or multiple unit or railcar "3" = shunter "4" = on track machine or infrastructure inspection vehicle
source	<pre> <xs:element name="TractionType"> <xs:annotation> <xs:documentation>Identifies the type of a locomotive: First digit: "0" = not specified "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) "2" = on-board traction power supply for traction without external electrical or other power supply available "3" = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014): "0" = not specified "1" = locomotive or power unit "2" = trainset or multiple unit or railcar "3" = shunter "4" = on track machine or infrastructure inspection vehicle </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="00"/> <xs:enumeration value="01"/> </pre>

	<pre> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="10"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="14"/> <xs:enumeration value="20"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="24"/> <xs:enumeration value="30"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="33"/> <xs:enumeration value="34"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TractionWeight**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	WeightValueTonne									
properties	content simple									
used by	element TractionDetails									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation The weight of the traction unit									
source	<pre><xs:element name="TractionWeight" type="WeightValueTonne"> <xs:annotation> <xs:documentation>The weight of the traction unit</xs:documentation> </xs:annotation> </xs:element></pre>									

element **TrafficScheduleNumber**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	String1-10		
properties	content	simple	
used by	element	TransportMonitoringAndMethod	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	10	
annotation	documentation Traffic schedule number		
source	<pre><xs:element name="TrafficScheduleNumber" type="String1-10"> <xs:annotation> <xs:documentation>Traffic schedule number</xs:documentation> </xs:annotation> </xs:element></pre>		

element **TrafficType**

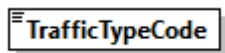
diagram	<pre> classDiagram class TrafficType { "information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)" } class TrafficTypeNetwork { "The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list." } class TrafficTypeCode TrafficType "1" -- "1" TrafficTypeNetwork TrafficType "1" -- "1" TrafficTypeCode </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrafficTypeNetwork TrafficTypeCode
used by	element PlannedTrainData complexType CapacityModelType
annotation	documentation information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)
source	<pre><xs:element name="TrafficType"> <xs:annotation> <xs:documentation>information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="TrafficTypeNetwork" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>The code of the company (IM) that has planning</pre>

	responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list. <pre> </xs:documentation> </xs:annotation> </xs:element> <xs:element name="TrafficTypeCode"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrafficType/TrafficTypeNetwork**

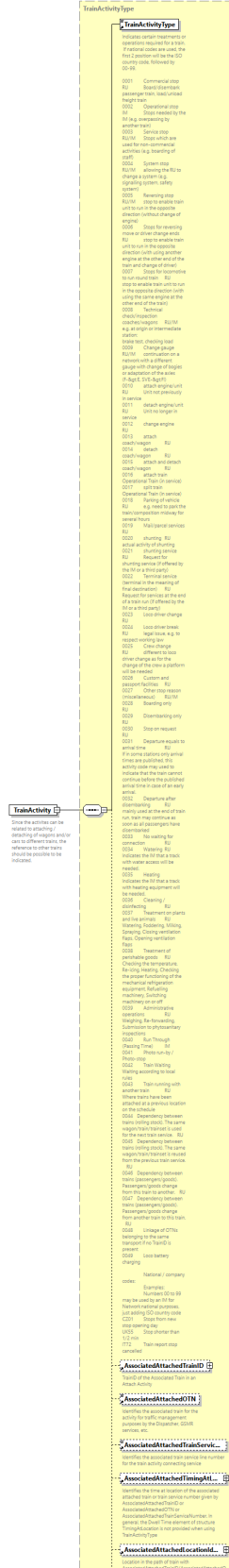
diagram	TrafficTypeNetwork The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.												
source	<pre><xs:element name="TrafficTypeNetwork" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **TrafficType/TrafficTypeCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>9</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
source	<pre><xs:element name="TrafficTypeCode"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TrainActivity**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	TrainActivityType
properties	content complex
children	TrainActivityType AssociatedAttachedTrainID AssociatedAttachedOTN AssociatedAttachedTrainServiceNumber AssociatedAttachedTimingAtLocation AssociatedAttachedLocationIdent FreeTextField
used by	elements PassengerTrainData/Activities TrainRunningData/Activities PlannedJourneyLocation complexType PlannedLocationInfoType
annotation	documentation Since the activites can be related to attaching / detaching of wagons and/or cars to different trains, the reference to other trains should be possible to be indicated.
source	<pre> <xs:element name="TrainActivity" type="TrainActivityType"> <xs:annotation> <xs:documentation>Since the activites can be related to attaching / detaching of wagons and/or cars to different trains, the reference to other trains should be possible to be indicated.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **TrainActivityType**

diagram

TrainActivityType

Indicates certain treatments or conditions required for a train. If national codes are used, the first 2 position will be the ISO country code, followed by 00-99.

- 0001 Commercial stop
- RJ Basic disembark, passenger train, load/unload freight train
- 0002 Operational stop
- M Stop needed by the M (e.g. overpassing by another train)
- 0003 Service stop
- RJ/M Stop which are used for non-commercial activities (e.g. loading of cargo)
- 0004 System stop
- RJ/M allowing the RJ to change a system (e.g. signaling system, safety system)
- 0005 Reversing stop
- RJ/M stop to enable train unit to run in the opposite direction without change of engine
- 0006 Stops for reversing move or driver change ends
- RJ stop to enable train unit to run in the opposite direction (with using another engine at the other end of the train and change of driver)
- 0007 Stops for locomotive to run ahead train
- RJ stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train)
- 0008 Technical check/operation
- coaches/wagons RJ/M e.g. at a light or intermediate station
- 0009 Change gauge
- RJ/M conversion to a network with a different gauge with change of bogies or adaptation of the axle
- 0010 Attach engine/unit
- RJ attach engine/unit
- 0011 Unit not previously in service
- 0011 detach engine/unit
- RJ Unit no longer in service
- 0012 change engine
- RJ
- 0013 attach coaches/wagon
- RJ
- 0014 detach coaches/wagon
- RJ
- 0015 attach and detach coaches/wagon
- RJ
- 0016 attach train
- Operational Train (in service)
- 0017 Unit train
- Operational Train (in service)
- 0018 Parking of vehicle
- RJ e.g. need to park the train (operation railway for several hours)
- 0019 Mail parcel services
- RJ
- 0020 shunting
- RJ actual activity of shunting
- 0021 shunting service
- RJ Request for shunting service (offered by the RJ or a third party)
- 0022 Terminal service (terminal in the meaning of their destination)
- RJ Request for services at the end of a train run (offered by the RJ or a third party)
- 0023 Load driver change
- RJ
- 0024 Load driver break
- RJ legal issue, e.g. to repossessing train
- 0025 Crew change
- RJ different to load driver change as for the change of the crew a platform will be needed
- 0026 Customs and passport facilities
- RJ
- 0027 Other stop reason (non-commercial)
- RJ/M
- 0028 Boarding only
- RJ
- 0029 Disembarking only
- RJ
- 0030 Stop on request
- RJ
- 0031 Departure equals to arrival time
- RJ If some stations only arrival times are published, this activity code may be used to indicate that the train cannot continue before the published arrival time in case of an early arrival.
- 0032 Departure after disembarking
- RJ mainly used at the end of train run, train may continue as soon as all passengers have disembarked
- 0033 No waiting for connection
- RJ
- 0034 Waiting
- RJ indicates the M that a track with water access will be needed
- 0035 Heating
- Indicates the M that a track with heating equipment will be needed
- 0036 Cleaning / disinfecting
- RJ
- 0037 Treatment on plants and live animals
- RJ
- 0038 Washing, Drying, Misting, Scrubbing, Cooling, ventilation, Heat, Cooling, ventilation, Heat
- 0039 Treatment of perishable goods
- RJ
- 0040 Checking the temperature, Re-icing, Heating, Checking the proper functioning of the mechanical refrigeration equipment, Refueling, machinery, Switching
- 0039 Administrative operations
- RJ
- 0041 Dragging, Re-forwarding, Submission to phytosanitary inspections
- 0040 Run Through
- 0041 Chasing Time
- M
- 0041 Photo run-by / Photo stop
- 0042 Train flaring
- Waiting according to local rules
- 0043 Train running with another train
- RJ where trains have been attached at a previous location on the schedule
- 0044 Dependency between trains (rolling stock). The same wagon/train/trainset is used for the next train service.
- RJ
- 0045 Dependency between trains (rolling stock). The same wagon/train/trainset is reused from the previous train service.
- RJ
- 0046 Dependency between trains (passengers/goods). Passengers/goods change from this train to another.
- RJ
- 0047 Dependency between trains (passengers/goods). Passengers/goods change from another train to this train.
- RJ
- 0048 Linage of OTNs belonging to the same transport if no TrainID is present
- 0049 Less battery
- 0049
- charging
- 0049 National / company
- 0049
- Examples
- Numbers 00 to 99 may be used by an M for

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																																																																																																										
type	restriction of xs:string																																																																																																																										
properties	content	simple																																																																																																																									
used by	complexType	TrainActivityType																																																																																																																									
facets	Kind	Value	Annotation																																																																																																																								
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boarding of staff)	0004	System stop	RU/IM	allowing the RU to change a system (e.g. signalling system, safety system)	0005	Reversing stop	RU/IM	stop to enable train unit to run in the opposite direction (without change of engine)	0006	Stops for reversing move or driver change ends	RU	stop to enable train unit to run in the opposite direction (with using another engine at the other end of the train and change of driver)	0007	Stops for locomotive to run round train	RU	stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train)	0008	Technical check/inspection coaches/wagons	RU/IM	e.g. at origin or intermediate station: brake test, checking load	0009	Change gauge	RU/IM	continuation on a network with a different gauge with change of bogies or adaptation of the axles (F->E, SVE->FI)	0010	attach engine/unit	RU	Unit not previously in service	0011	detach engine/unit	RU	Unit no longer in service	0012	change engine	RU		0013	attach 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source	<pre><xs:element name="TrainActivityType"> <xs:annotation> <xs:documentation>Indicates certain treatments or operations required for a train. If national codes are used, the first 2 position will be the ISO country code, followed by 00-99. 0001 Commercial stop RU Board/disembark passenger train, load/unload freight train 0002 Operational stop IM Stops needed by the IM (e.g. overpassing by another train) 0003 Service stop RU/IM Stops which are used for non-commercial activities (e.g. boarding of staff) 0004 System stop RU/IM allowing the RU to change a system (e.g. signalling system, safety system)</pre>

0005	Reversing stop	RU/IM	stop to enable train unit to run in the opposite direction (without change of engine)
0006	Stops for reversing move or driver change ends	RU	stop to enable train unit to run in the opposite direction (with using another engine at the other end of the train and change of driver)
0007	Stops for locomotive to run round train	RU	stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train)
0008	Technical check/inspection coaches/wagons	RU/IM	e.g. at origin or intermediate station: brake test, checking load
0009	Change gauge	RU/IM	continuation on a network with a different gauge with change of bogies or adaptation of the axles (F->E, SVE->FI)
0010	attach engine/unit	RU	Unit not previously in service
0011	detach engine/unit	RU	Unit no longer in service
0012	change engine	RU	
0013	attach coach/wagon	RU	
0014	detach coach/wagon	RU	
0015	attach and detach coach/wagon	RU	
0016	attach train		Operational Train (in service)
0017	split train		Operational Train (in service)
0018	Parking of vehicle	RU	e.g. need to park the train/composition midway for several hours
0019	Mail/parcel services	RU	
0020	shunting	RU	actual activity of shunting
0021	shunting service	RU	Request for shunting service (if offered by the IM or a third party)
0022	Terminal service (terminal in the meaning of final destination)	RU	Request for services at the end of a train run (if offered by the IM or a third party)
0023	Loco driver change	RU	
0024	Loco driver break	RU	legal issue, e.g. to respect working law
0025	Crew change	RU	different to loco driver change as for the change of the crew a platform will be needed
0026	Custom and passport facilities	RU	
0027	Other stop reason (miscellaneous)	RU/IM	
0028	Boarding only	RU	
0029	Disembarking only	RU	
0030	Stop on request	RU	
0031	Departure equals to arrival time	RU	If in some stations only arrival times are published, this activity code may used to indicate that the train cannot continue before the published arrival time in case of an early arrival.
0032	Departure after disembarking	RU	mainly used at the end of train run, train may continue as soon as all passengers have disembarked
0033	No waiting for connection	RU	
0034	Watering	RU	Indicates the IM that a track with water access will be needed.
0035	Heating		Indicates the IM that a track with heating equipment will be needed.
0036	Cleaning / disinfecting	RU	
0037	Treatment on plants and live animals	RU	Watering, Foddering, Milking, Spraying, Closing ventilation flaps, Opening ventilation flaps
0038	Treatment of perishable goods	RU	Checking the temperature, Re-icing, Heating, Checking the proper functioning of the mechanical refrigeration equipment, Refuelling machinery, Switching machinery on or off

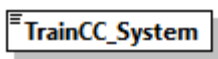
	0039 Administrative operations RU Weighing, Re-forwarding, Submission to phytosanitary inspections 0040 Run Through (Passing Time)IM 0041 Photo run-by / Photo-stop 0042 Train Waiting Waiting according to local rules 0043 Train running with another train RU Where trains have been attached at a previous location on the schedule 0044 Dependency between trains (rolling stock). The same wagon/train/trainset is used for the next train service. RU 0045 Dependency between trains (rolling stock). The same wagon/train/trainset is reused from the previous train service. RU 0046 Dependency between trains (passengers/goods). Passengers/goods change from this train to another. RU 0047 Dependency between trains (passengers/goods). Passengers/goods change from another train to this train. RU 0048 Linkage of OTNs belonging to the same transport if no TrainID is present 0049 Loco battery charging National / company codes: Examples: Numbers 00 to 99 may be used by an IM for Network national purposes, just adding ISO country code CZ01 Stops from new stop opening day UK55 Stop shorter than 1/2 min IT72 Train report stop cancelled <pre> </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TrainAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainLocationStatus OperationalTrainNumberIdentifier ReferenceOTN TrainOperationalIdentification BookedLocationDateTime ReferencedLocationDateTime LocationDateTime TrainDelay
used by	element TrainForecastAtReportingLocationMessage
annotation	documentation Specifies information about a train at a specific location
source	<pre> <xs:element name="TrainAtLocation"> <xs:annotation> <xs:documentation>Specifies information about a train at a specific location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre>

	<pre> <xs:element ref="TrainLocationStatus"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="BookedLocationDateTime"/> <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/> <xs:element ref="LocationDateTime"/> <xs:element ref="TrainDelay"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainCC_System**

diagram	 Identifies the command control system of the train in coded values.		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	TrainCC_SystemCode		
properties	content	simple	
used by	elements	PassengerTrainData PlannedTrainTechnicalData TrainRunningTechData	
facets	Kind	Value	Annotation
	enumeration	01	documentation ALSN
	enumeration	02	documentation ASFA
	enumeration	03	documentation ATB First generation
	enumeration	04	documentation ATB next generation
	enumeration	05	documentation ATC
	enumeration	06	documentation ATP
	enumeration	07	documentation CIR 1 (traction unit is equipped with LZB CIR-ELKE I)
	enumeration	08	documentation CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II)
	enumeration	09	documentation CIR 2 (traction unit is equipped with LZB CIR-ELKE II)
	enumeration	10	documentation Crocodile
	enumeration	11	documentation DAAT
	enumeration	12	documentation EBICAB 700
	enumeration	13	documentation EBICAB 900

	enumeration	14	documentation EFA (all traction units/driver's cabs of the train are equipped with an electronic driver's cab display)
	enumeration	15	documentation ETCS L1 LS plus EuroZUB
	enumeration	16	documentation ETCS L1 SRS 2.3.0d (traction unit is equipped with ETCS Level 1, version 2.3.0d)
	enumeration	17	documentation ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2, version 2.3.0d)
	enumeration	18	documentation ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2, version 3.3.0)
	enumeration	19	documentation ETCS L2 SRS 3.4.0 (traction unit is equipped with ETCS Level 2, version 3.4.0)
	enumeration	20	documentation ETCS L2 SRS 3.6.0 (traction unit is equipped with ETCS Level 2, version 3.6.0)
	enumeration	21	documentation ETCS Level 0
	enumeration	22	documentation ETCS Level 1
	enumeration	23	documentation ETCS Level 2
	enumeration	24	documentation ETCS Level 3
	enumeration	25	documentation ETCS Level NTC
	enumeration	26	documentation EVM
	enumeration	27	documentation Indusi 54
	enumeration	28	documentation Indusi 60 R
	enumeration	29	documentation Indusi PZ 80
	enumeration	30	documentation KBS-E
	enumeration	31	documentation KCVB
	enumeration	32	documentation KCVP
	enumeration	33	documentation KVB
	enumeration	34	documentation KVBP
	enumeration	35	documentation LS
	enumeration	36	documentation LS 90
	enumeration	37	documentation LS I
	enumeration	38	documentation LS III
	enumeration	39	documentation LS IV
	enumeration	40	documentation

		LZB
enumeration	41	documentation Mirel
enumeration	42	documentation NEXTEO
enumeration	43	documentation PZB
enumeration	44	documentation PZB 90
enumeration	45	documentation SCMT
enumeration	46	documentation SHP
enumeration	47	documentation SIFA
enumeration	48	documentation STM ASFA
enumeration	49	documentation STM LZB
enumeration	50	documentation TBL 1
enumeration	51	documentation TBL 2
enumeration	52	documentation TVM 300
enumeration	53	documentation TVM 430
enumeration	54	documentation ZUB
enumeration	55	documentation ATB
enumeration	56	documentation ATC v2
enumeration	57	documentation ATC vR
enumeration	58	documentation ATP-VR/RHK
enumeration	59	documentation BACC
enumeration	60	documentation CAWS and ATP
enumeration	61	documentation CAWS
enumeration	62	documentation Chiltern-ATP
enumeration	63	documentation EDICAB
enumeration	64	documentation EBICAB 700 BU
enumeration	65	documentation EBICAB 700 PT
enumeration	66	documentation EBICAB 900 ES
enumeration	67	documentation

	enumeration 68 EuroSIGNUM documentation enumeration 69 EuroZUB documentation enumeration 70 GNT (Speed monitoring for NeiTech trains) documentation enumeration 71 GW ATP documentation enumeration 72 INDUSI documentation enumeration 73 INDUSI/PZB documentation enumeration 74 INDUSI I60 documentation enumeration 75 LZB (LZB L72, LZB L72 CE I and LZB L72 CE II) documentation enumeration 76 LZB ES documentation enumeration 76 Mechanical Trainstops documentation enumeration 77 MEMOR II+ documentation enumeration 78 PKP radio system with Radiostop function documentation enumeration 79 RETB documentation enumeration 80 RSDD/SCMT documentation enumeration 81 SELCAB documentation enumeration 82 SSC documentation enumeration 83 SSC BL3 documentation enumeration 84 TBL documentation enumeration 85 TBL1+ documentation enumeration 86 TPWS/AWS documentation enumeration 87 TVM documentation enumeration 88 ZUB 123 documentation enumeration 89 ZUB 121 documentation
annotation	documentation Identifies the command control system of the train in coded values.
source	<pre><xs:element name="TrainCC_System" type="TrainCC_SystemCode"> <xs:annotation> <xs:documentation>Identifies the command control system of the train in coded values.</xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainCompositionHermesCompatibleMessage**

diagram	TrainCompositionHermesComp... This message is sent from an RU to an IM defining the composition of the proposed train. MessageHeader Used for all messages MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion TransportOperationalIdentifiers 0..∞ OperationalTrainNumberIdenti... 0..∞ HermesHeader Message header OperationalTrainNumberID Train data InterchangePoints Interchange points NetworkSpecificParameter 0..∞ The usage of this element must be specified in national rules and has to be defined by each IM Locolent 0..∞ Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train WagonDataHERMES 0..99 Wagon list (A-Z)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier HermesHeader OperationalTrainNumberID InterchangePoints NetworkSpecificParameter Locolent WagonDataHERMES
annotation	documentation This message is sent from an RU to an IM defining the composition of the proposed train.

source	<pre><xs:element name="TrainCompositionHermesCompatibleMessage"> <xs:annotation> <xs:documentation>This message is sent from an RU to an IM defining the composition of the proposed train.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/> <xs:element ref="HermesHeader"/> <xs:element ref="OperationalTrainNumberID"/> <xs:element ref="InterchangePoints"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="LocoIdent" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="WagonDataHERMES" minOccurs="0" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **TrainCompositionJourneySection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	JourneySection TrainRunningData Locolident LivestockOrPeopleIndicator WagonData NetworkSpecificParameter
used by	element TrainCompositionMessage
annotation	documentation Defines the make up of a train for each section of its journey
source	<pre> <xs:element name="TrainCompositionJourneySection"> <xs:annotation> <xs:documentation>Defines the make up of a train for each section of its journey</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre>

```

<xs:element ref="JourneySection"/>
<xs:element ref="TrainRunningData"/>
<xs:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Defines the actual Type, the number and the mode of
deployment of a traction unit of the freight train</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="TractionType"/>
      <xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/>
      <xs:element ref="LocoTypeNumber" minOccurs="0"/>
      <xs:element ref="LocoNumber" minOccurs="0"/>
      <xs:element ref="TractionMode" minOccurs="0"/>
      <xs:element ref="RegenerativeBrake" minOccurs="0"/>
      <xs:element name="DriverIndication" minOccurs="0">
        <xs:annotation>
          <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is
/are) present in Loco</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:enumeration value="0"/>
            <xs:enumeration value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="TractionPositionInTrain" minOccurs="0"/>
      <xs:element ref="ExceptionalGaugingIdent" minOccurs="0"/>
      <xs:element ref="NetworkSpecificParameter" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="LivestockOrPeopleIndicator" minOccurs="0" maxOccurs="1"/>
<xs:element ref="WagonData" minOccurs="0" maxOccurs="unbounded"/>
<xs:element ref="NetworkSpecificParameter" minOccurs="0"
maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **TrainCompositionJourneySection/LocoIdent**

diagram

LocoIdent

0..∞

Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train

TractionType

Identifies the type of a locomotive:
First digit:
"0" = not specified
"1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev)
"2" = on-board traction power supply for traction without external electrical or other power supply available
"3" = hybrid traction (both on-board or electric traction available)
Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014):
"0" = not specified
"1" = locomotive or power unit
"2" = trainset or multiple unit or railcar
"3" = shunter
"4" = on track machine or infrastructure inspection vehicle

TypeOfUsedHybridPowerunit

Information about the type of power unit in case of using a hybrid locomotive

LocoTypeNumber

Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive

LocoNumber

Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.

TractionMode

Identifies the mode of deployment of a traction within a train
First digit – traction role
Second digit – position in group of traction units with the same role

RegenerativeBrake

Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source

DriverIndication

0 - no driver present in Loco, 1 - driver(s) is /are present in Loco

TractionPositionInTrain

Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.

ExceptionalGaugingIdent

Indicates that an exceptional Gauging is in the train or for the wagon

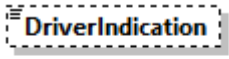
NetworkSpecificParameter

0..∞

The usage of this element must be specified in national rules and has to be defined by each IM

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	TractionType TypeOfUsedHybridPowerunit LocoTypeNumber LocoNumber TractionMode RegenerativeBrake DriverIndication TractionPositionInTrain ExceptionalGaugingIdent NetworkSpecificParameter
used by	element TrainCompositionHermesCompatibleMessage
annotation	documentation Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train
source	<pre> <xs:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TractionType"/> <xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/> <xs:element ref="LocoTypeNumber" minOccurs="0"/> <xs:element ref="LocoNumber" minOccurs="0"/> <xs:element ref="TractionMode" minOccurs="0"/> <xs:element ref="RegenerativeBrake" minOccurs="0"/> <xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TractionPositionInTrain" minOccurs="0"/> <xs:element ref="ExceptionalGaugingIdent" minOccurs="0"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainCompositionJourneySection/LocIdent/DriverIndication**

diagram	 0 - no driver present in Loco, 1 - driver(s) is /are present in Loco

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
used by	element	UnitData	
facets	Kind	Value	Annotation
	enumeration	0	
	enumeration	1	
annotation	documentation	0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco	
source	<pre><xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **TrainCompositionMessage**

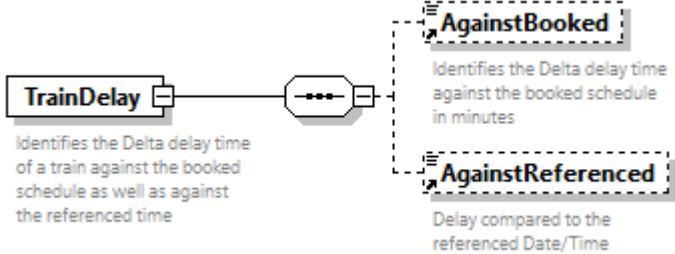
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN TransferPoint TransfereeIM TrainCompositionJourneySection
annotation	documentation This message is sent from an RU to an IM defining the composition of the proposed train.
source	<pre> <xs:element name="TrainCompositionMessage"> <xs:annotation> <xs:documentation>This message is sent from an RU to an IM defining the composition of the proposed train.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> <xs:element ref="TrainCompositionJourneySection" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainContactDetails**

diagram	TrainContactDetails Contact to driver of leading traction unit. This contact can be mobile phone number, GSM-R call number or e.g. details for an analogue radio call.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CommunicationRefID									
properties	content simple									
used by	element TrainReadyMessage									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>70</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	documentation Contact to driver of leading traction unit. This contact can be mobile phone number, GSM-R call number or e.g. details for an analogue radio call.									
source	<pre><xs:element name="TrainContactDetails" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Contact to driver of leading traction unit. This contact can be mobile phone number, GSM-R call number or e.g. details for an analogue radio call.</xs:documentation> </xs:annotation> </xs:element></pre>									

element **TrainDelay**

diagram	 Diagram showing the TrainDelay element. It is a complex content type. The description states: "Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time". The diagram shows two optional child elements: AgainstBooked (Identifies the Delta delay time against the booked schedule in minutes) and AgainstReferenced (Delay compared to the referenced Date/Time).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	AgainstBooked AgainstReferenced

used by	elements TrainAtLocation TrainLocationReport TrainReadyMessage/TrainReadyStatus TrainReadyStatus
annotation	documentation Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time
source	<pre> <xs:element name="TrainDelay"> <xs:annotation> <xs:documentation>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="AgainstBooked" minOccurs="0"/> <xs:element ref="AgainstReferenced" minOccurs="0"> <xs:annotation> <xs:documentation>Delay compared to the referenced Date/Time</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainDelayCauseMessage**

diagram	TrainDelayCauseMessage This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed MessageHeader (+) Used for all messages MessageStatus (+) Assigned by the Sender 1=creation, 2=modification, 3=deletion TrainOperationalIdentification (+) [dashed box] OperationalTrainNumberIdentifier (+) [dashed box] ReferenceOTN (+) [dashed box] ResponsibleRU (+) RU Responsible for the physical operation of the train or wagon DelayEventReport (+) Provides the detailed information about a single delay event (Replaced DelayReasonReport) TransferPoint (+) Transfer point or station of destination in the considered network TransfereeIM (+) Next IM
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU DelayEventReport TransferPoint TransfereeIM
annotation	documentation This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed
source	<pre> <xs:element name="TrainDelayCauseMessage"> <xs:annotation> <xs:documentation>This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> </pre>

	<pre> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="DelayEventReport"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainDepartureStation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element PassengerTrainCompositionMessage
annotation	documentation Origin of the train
source	<pre> <xs:element name="TrainDepartureStation" type="LocationIdent"> <xs:annotation> <xs:documentation>Origin of the train</xs:documentation> </xs:annotation> </xs:element> </pre>

element **TrainDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName
used by	element OperationalTrainNumberID
annotation	documentation Group CRD Code
source	<pre> <xs:element name="TrainDestination"> <xs:annotation> <xs:documentation>Group CRD Code</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainDestinationStation**

diagram	The diagram illustrates the structure of the TrainDestinationStation element. It is a complex type containing a LocationIdent element. The LocationIdent element is a complex type containing four sub-elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. The CountryCodeISO element is described as 'Identifies a County or State by code (ISO 3166-1)'. The LocationPrimaryCode element is described as 'Location Name in an offication language of the Country using the ISO Unicode alphabet'. The PrimaryLocationName element is described as 'Location Name in an offication language of the Country using the ISO Unicode alphabet'. The LocationSubsidiaryIdentification element is described as 'Code, Name and allocation company of Subsidiary Location'.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element PassengerTrainCompositionMessage
annotation	documentation Destination of the train
source	<pre> <xs:element name="TrainDestinationStation" type="LocationIdent"> <xs:annotation> <xs:documentation>Destination of the train</xs:documentation> </xs:annotation> </xs:element> </pre>

element **TrainForecastAtReportingLocationMessage**

diagram	TrainForecastAtReportingLoca... This message is issued following receipt of an enquiry about train forecasts at a particular reporting location. It gives a report of the forecasted time for all trains of the enquirer at a specified location. MessageHeader Used for all messages MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion Location Identifies a Location using a LocationIdent TrainAtLocation Specifies information about a train at a specific location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus Location TrainAtLocation
annotation	documentation This message is issued following receipt of an enquiry about train forecasts at a particular reporting location. It gives a report of the forecasted time for all trains of the enquirer at a specified location.
source	<pre> <xs:element name="TrainForecastAtReportingLocationMessage"> <xs:annotation> <xs:documentation>This message is issued following receipt of an enquiry about train forecasts at a particular reporting location. It gives a report of the forecasted time for all trains of the enquirer at a specified location. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="Location"/> <xs:element ref="TrainAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainForecastedDelayCauseMessage**

diagram	TrainForecastedDelayCauseMe... This message is issued to make known the cause of a forecasted delay during the Train's Journey, that hasn't occurred yet (TrainDelayCauseMessages documents the proven cause of a delay that has occurred) MessageHeader Used for all messages MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion TrainOperationalIdentification OperationalTrainNumberIdenti... ReferenceOTN ResponsibleRU RU Responsible for the physical operation of the train or wagon DelayEventForecast Provides the detailed information about a single delay event (Replaced DelayReasonReport) TransferPoint Transfer point or station of destination in the considered network TransfereeIM Next IM
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU DelayEventForecast TransferPoint TransfereeIM
annotation	documentation This message is issued to make known the cause of a forecasted delay during the Train's Journey, that hasn't occurred yet (TrainDelayCauseMessages documents the proven cause of a delay that has occurred)
source	<pre> <xs:element name="TrainForecastedDelayCauseMessage"> <xs:annotation> <xs:documentation>This message is issued to make known the cause of a forecasted delay during the Train's Journey, that hasn't occurred yet (TrainDelayCauseMessages documents the proven cause of a delay that has occurred) </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> </pre>

	<pre> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="DelayEventForecast"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainID**

diagram	<pre> graph LR TrainID[TrainID] --- Core[Core] TrainID --- Variant[Variant] Core --- ObjectType[ObjectType] Core --- Company[Company] Core --- TimetableYear[TimetableYear] Core --- StartDate[StartDate] </pre> CompositIdentifierOperationalType ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) and TCR(TC) Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determent by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: Is only used in the operational phase and refers to the date where the single train will start the train journey
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompositIdentifierOperationalType

properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements ArrivalInterchangeReport DepartureInterchangeReport WagonInterchangeNoticeMessage WagonInterchangeSubNoticeMessage
source	<code><xs:element name="TrainID" type="CompositIdentifierOperationalType"/></code>

element **TrainInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	PlannedJourneyLocation PlannedCalendar PathPlanningReferenceLocation
used by	elements UpdateLinkMessage/Operation PathCoordinationMessage PathRequestMessage ObjectInfoMessage/TrainInformationExtended
annotation	documentation Train information provided by the RUs as an overview for the entire train journey from origin to destination
source	<pre> <xs:element name="TrainInformation"> <xs:annotation> <xs:documentation>Train information provided by the RUs as an overview for the entire train journey from origin to destination</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Any operation point along a train journey</xs:documentation> </xs:annotation> </pre>

	<pre> </xs:element> <xs:element ref="PlannedCalendar"> <xs:annotation> <xs:documentation>This is the master calendar for Path Request. Contains BitmapDays as well as DayOfStart element. one of them has to be allways present. Applications have to provide the data accordingly. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="PathPlanningReferenceLocation"> <xs:annotation> <xs:documentation>It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainInformation/PathPlanningReferenceLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification

annotation	documentation It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.
source	<pre> <xs:element name="PathPlanningReferenceLocation"> <xs:annotation> <xs:documentation>It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **TrainJourneyModification**

diagram	<pre> sequenceDiagram participant T as TrainJourneyModification T --> I as TrainJourneyModificationIndicator I --> L as LocationModified L --> L </pre> This element shows which locations are changed during the running of a train This indicates what has changed in the train running e.g. rerouting, cancellation etc. This element shows the Location that has been changed for the train run 1..∞
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainJourneyModificationIndicator LocationModified
used by	element TrainJourneyModificationMessage
annotation	documentation This element shows which locations are changed during the running of a train
source	<pre> <xs:element name="TrainJourneyModification"> <xs:annotation> <xs:documentation>This element shows which locations are changed during the running of a train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainJourneyModificationIndicator"/> <xs:element ref="LocationModified" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainJourneyModificationIndicator**

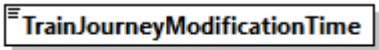
diagram	TrainJourneyModificationIndica... This indicates what has changed in the train running e.g. rerouting, cancellation etc..									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainJourneyModification									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
annotation	documentation This indicates what has changed in the train running e.g. rerouting, cancellation etc..									
source	<pre><xs:element name="TrainJourneyModificationIndicator"> <xs:annotation> <xs:documentation>This indicates what has changed in the train running e.g. rerouting, cancellation etc..</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TrainJourneyModificationMessage**

diagram	TrainJourneyModificationMess... This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed MessageHeader Used for all messages MessageStatus Assigned by the Sender 1=Creation, 2=Modification, 3=deletion TrainOperationalIdentification OperationalTrainNumberIdenti... ReferenceOTN TrainJourneyModification 1..∞ This element shows which locations are changed during the running of a train ModificationReason Identifies the reason for the train journey being modified TrainJourneyModificationTime Indicates the time time when the modification was made to the train journey Remarks 0..∞ Free Form Text TransferPoint Transfer point or station of destination in the considered network where the Reference Train Numbers refers to InternalReferenceIdentifier The link to the IM System Reference TransfereeIM 1..∞ Next IM
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN TrainJourneyModification ModificationReason TrainJourneyModificationTime Remarks TransferPoint InternalReferenceIdentifier TransfereeIM
annotation	documentation This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is

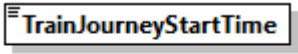
	changed
source	<pre> <xs:element name="TrainJourneyModificationMessage"> <xs:annotation> <xs:documentation> This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TrainJourneyModification" maxOccurs="unbounded"/> <xs:element ref="ModificationReason" minOccurs="0"/> <xs:element ref="TrainJourneyModificationTime" minOccurs="0"/> <xs:element ref="Remarks" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TransferPoint" minOccurs="0"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainJourneyModificationTime**

diagram	 Indicates the time time when the modification was made to the train journey
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element TrainJourneyModificationMessage
annotation	documentation Indicates the time time when the modification was made to the train journey
source	<pre> <xs:element name="TrainJourneyModificationTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Indicates the time time when the modification was made to the train journey</xs:documentation> </pre>

	<code></xs:annotation></code> <code></xs:element></code>

element **TrainJourneyStartTime**

diagram	 The precise time at which the train should present itself on the network
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation The precise time at which the train should present itself on the network
source	<pre><xs:element name="TrainJourneyStartTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The precise time at which the train should present itself on the network</xs:documentation> </xs:annotation> </xs:element></pre>

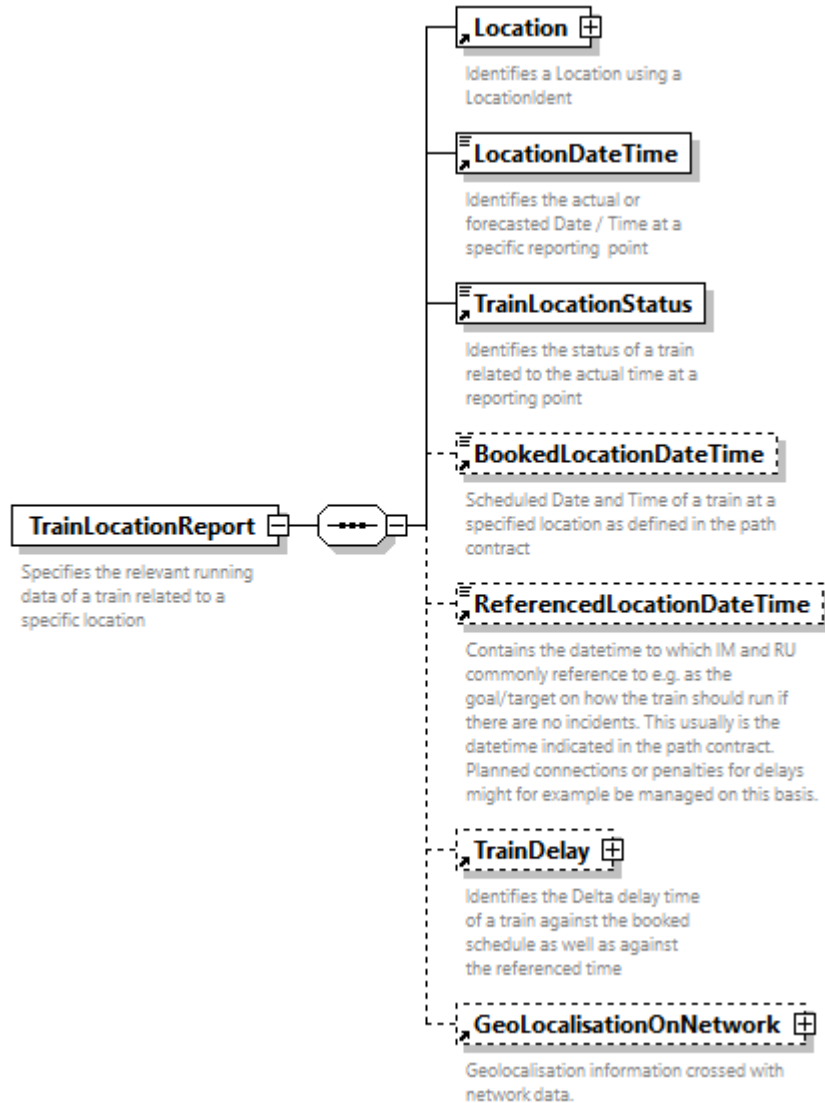
element **TrainLength**

diagram	TrainLength The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric4-4									
properties	content simple									
used by	elements PassengerTrainData PlannedTrainTechnicalData TechnicalParameters TrainRunningTechData TrainTechData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0001</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0001		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0001									
maxInclusive	9999									
annotation	documentation The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres									
source	<xs:element name="TrainLength" type="Numeric4-4"> <xs:annotation> <xs:documentation>The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres</xs:documentation> </xs:annotation>									

</xs:element>

element **TrainLocationReport**

diagram



namespace <http://www.era.europa.eu/schemes/TAFTSI/3.5>

properties content complex

children [Location](#) [LocationDateTime](#) [TrainLocationStatus](#) [BookedLocationDateTime](#) [ReferencedLocationDateTime](#) [TrainDelay](#) [GeoLocalisationOnNetwork](#)

used by elements [TrainRunningForecastMessage](#) [TrainRunningInformationMessage](#)

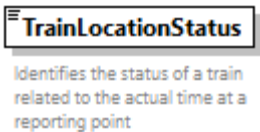
annotation documentation
Specifies the relevant running data of a train related to a specific location

source

```
<xs:element name="TrainLocationReport">
  <xs:annotation>
    <xs:documentation>Specifies the relevant running data of a train related to a
```

	<pre> specific location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="LocationDateTime"/> <xs:element ref="TrainLocationStatus"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element ref="GeoLocalisationOnNetwork" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainLocationStatus**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	RunningStatus		
properties	content	simple	
used by	elements	ChangeOfTrackMessage DelayEventForecast DelayEventReport LocationModified TrainAtLocation TrainLocationReport	
facets	Kind	Value	Annotation
	enumeration	00	documentation Not specified
	enumeration	01	documentation Arrival at destination
	enumeration	02	documentation Departure at origin
	enumeration	03	documentation Intermediate arrival
	enumeration	04	documentation Intermediate departure
	enumeration	05	documentation Pass through
	enumeration	06	documentation NEW CODES: Some IMs are transmitting these codes (6 - 9)
	enumeration	07	
	enumeration	08	
	enumeration	09	

	enumeration 10 documentation Not specified for wagon enumeration 11 documentation Wagon arrival at its destination by train enumeration 12 documentation Wagon departure from its station of origin by train enumeration 13 documentation Wagon arrival at reporting point by train enumeration 14 documentation Wagon departure from reporting point by train (HLR) enumeration 15 documentation Wagon run-through at reporting point by train enumeration 16 documentation Wagon parked at reporting point (MAD) enumeration 17 documentation Wagon shunted at reporting point enumeration 18 documentation Wagon arrived at reporting point enumeration 19 documentation Wagon departure from reporting point
annotation	documentation Identifies the status of a train related to the actual time at a reporting point
source	<pre><xs:element name="TrainLocationStatus" type="RunningStatus"> <xs:annotation> <xs:documentation>Identifies the status of a train related to the actual time at a reporting point</xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainMaxSpeed**

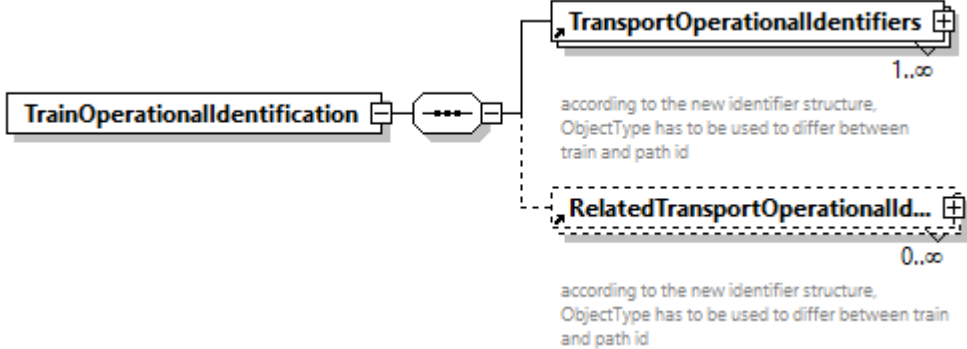
diagram	☰ TrainMaxSpeed The max. possible speed of a train in km/h									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Speed									
properties	content simple									
used by	elements PassengerTrainData PlannedTrainTechnicalData TechnicalParameters TrainRunningTechData TrainTechData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>001</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation The max. possible speed of a train in km/h									
source	<xs:element name="TrainMaxSpeed" type="Speed"> <xs:annotation> <xs:documentation>The max. possible speed of a train in km/h</xs:documentation> </xs:annotation>									

	<code></xs:element></code>

element **TrainNotAtInterruptionPoint**

diagram	TrainNotAtInterruptionPoint It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>1</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	1	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	1									
annotation	documentation It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet									
source	<pre><xs:element name="TrainNotAtInterruptionPoint"> <xs:annotation> <xs:documentation>It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TrainOperationalIdentification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	TransportOperationalIdentifiers RelatedTransportOperationalIdentifiers
used by	elements ChangeOfTrackMessage RunningStatusReportMessage WagonStatusMessages/WagonStatusMessage/Train TrainAtLocation TrainDelayCauseMessage TrainForecastedDelayCauseMessage TrainJourneyModificationMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
source	<pre> <xs:element name="TrainOperationalIdentification"> <xs:complexType> <xs:sequence> <xs:element ref="TransportOperationalIdentifiers" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>according to the new identifier structure, ObjectType has to be used to differ between train and path id</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="RelatedTransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>according to the new identifier structure, ObjectType has to be used to differ between train and path id</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainOrCoachGroupComposition**

diagram	The new element - TAP specific attributes CompositionDescriptionManner CountOfUnits FromHead Unit 1..∞ To be differed to "Unit" from TAF. This is the TAP name for vehicle or coach group												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
properties	content complex												
children	Unit												
attributes	<table><thead><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr></thead><tbody><tr><td>CompositionDescriptionManner</td><td>derived by: xs:string</td><td>required</td><td></td><td></td><td></td></tr></tbody></table>	Name	Type	Use	Default	Fixed	Annotation	CompositionDescriptionManner	derived by: xs:string	required			
Name	Type	Use	Default	Fixed	Annotation								
CompositionDescriptionManner	derived by: xs:string	required											

	CountOfUnits xs:integer required FromHead xs:boolean required
annotation	documentation The new element - TAP specific
source	<pre> <xs:element name="TrainOrCoachGroupComposition"> <xs:annotation> <xs:documentation>The new element - TAP specific</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Unit" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>To be differed to "Unit" from TAF. This is the TAP name for vehicle or coach group</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="TypeOfVehicle" minOccurs="0"> <xs:annotation> <xs:documentation>WG_Gattung</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="0"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="VehicleNumber" minOccurs="0"> <xs:annotation> <xs:documentation>12-character</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="0"/> <xs:maxLength value="12"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="OrientationOfTrainset" minOccurs="0"> <xs:annotation> <xs:documentation>0-9 number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:byte"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Keeper" minOccurs="0"/> <xs:element ref="WagonOperationalData" minOccurs="0"/> <xs:element ref="WagonTechData" minOccurs="0"/> <xs:element name="TypeOfCoupling" minOccurs="0"> </pre>

	<pre> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TypeOfHeating" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="EmergencyBrakeOverride" minOccurs="0"/> <xs:element name="Restrictions" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="RestrictionsDueToLoadOrDamage"/> <xs:element ref="RestrictionOrProhibition"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="InternalVehicleFitting" minOccurs="0"> <xs:annotation> <xs:documentation>It is not clear should it be filled with the coding list or with the separated elements</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TypeofService"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ItineraryOfCoachOrTrainset" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="OriginOfVehicle" minOccurs="0"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence> <xs:element ref="TimingAtLocation"/> <xs:element name="ForwardingRU" type="CompanyCode"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> <xs:element name="DestinationOfVehicle" minOccurs="0"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence> </pre>


```

        <xs:element ref="TimingAtLocation"/>
        <xs:element name="FinalRU"/>
    </xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
</xs:element>
<xs:element name="AssociatedTrain" minOccurs="0"
maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="LocationOfChange" type="LocationIdent"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>WARNING: I guess, where the unit is
attached to the particular train. Am I right?</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element ref="AssociatedAttachedTrainID"
minOccurs="0"/>
                <xs:element ref="AssociatedAttachedOTN" minOccurs="0"/>
                <xs:element ref="ReferenceOTN" minOccurs="0"/>
                <xs:element ref="TransferPoint" minOccurs="0"/>
                <xs:element ref="TransfereeIM" minOccurs="0"/>
                <xs:element name="RetailServiceID" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Unknown
type!!!</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:sequence>
</xs:complexType>
<!-- Sector CR 221 adaptation: cardinality changed -->
<xs:element ref="CoachOrTrainsetCommercialData" minOccurs="0"
maxOccurs="unbounded"/>
<!-- Sector CR 221 adaptation end -->
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="CompositionDescriptionManner" use="required">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:enumeration value="coach"/>
            <xs:enumeration value="vehicle_in_trainset"/>
            <xs:enumeration value="trainset"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
<xs:attribute name="CountOfUnits" type="xs:integer" use="required"/>
<xs:attribute name="FromHead" type="xs:boolean" use="required"/>

```

	<pre> </xs:complexType> </xs:element> </pre>

attribute **TrainOrCoachGroupComposition/@CompositionDescriptionManner**

type	restriction of xs:string		
properties	use required		
facets	Kind	Value	Annotation
	enumeration	coach	
	enumeration	vehicle_in_trainset	
	enumeration	trainset	
source	<pre> <xs:attribute name="CompositionDescriptionManner" use="required"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="coach"/> <xs:enumeration value="vehicle_in_trainset"/> <xs:enumeration value="trainset"/> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>		

attribute **TrainOrCoachGroupComposition/@CountOfUnits**

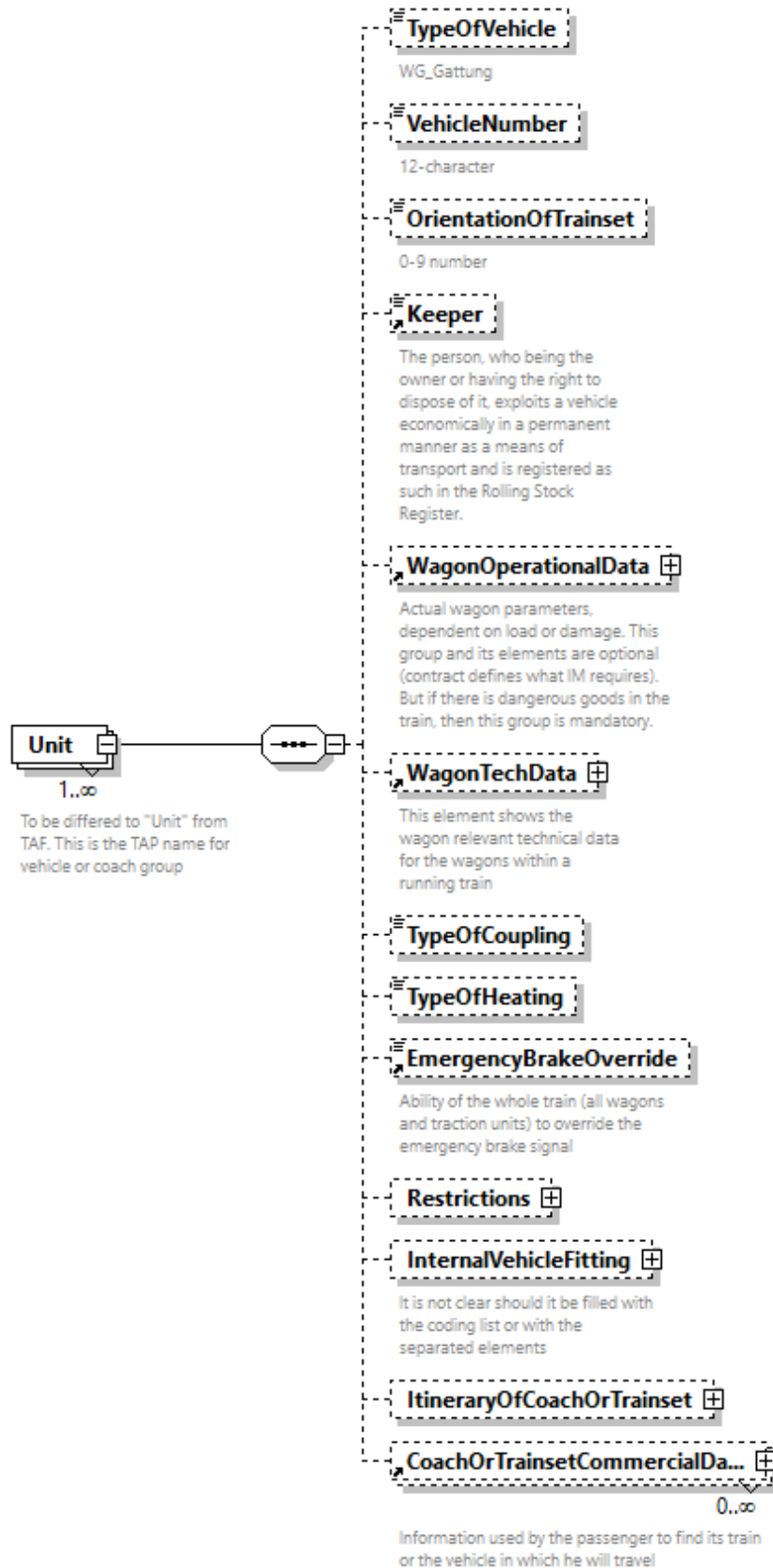
type	xs:integer		
properties	use required		
source	<pre> <xs:attribute name="CountOfUnits" type="xs:integer" use="required"/> </pre>		

attribute **TrainOrCoachGroupComposition/@FromHead**

type	xs:boolean		
properties	use required		
source	<pre> <xs:attribute name="FromHead" type="xs:boolean" use="required"/> </pre>		

element **TrainOrCoachGroupComposition/Unit**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc unbounded content complex
children	TypeOfVehicle VehicleNumber OrientationOfTrainset Keeper WagonOperationalData WagonTechData TypeOfCoupling TypeOfHeating EmergencyBrakeOverride Restrictions InternalVehicleFitting ItineraryOfCoachOrTrainset CoachOrTrainsetCommercialData
annotation	documentation To be differed to "Unit" from TAF. This is the TAP name for vehicle or coach group
source	<pre> <xs:element name="Unit" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>To be differed to "Unit" from TAF. This is the TAP name for vehicle or coach group</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="TypeOfVehicle" minOccurs="0"> <xs:annotation> <xs:documentation>WG_Gattung</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="0"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="VehicleNumber" minOccurs="0"> <xs:annotation> <xs:documentation>12-character</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="0"/> <xs:maxLength value="12"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="OrientationOfTrainset" minOccurs="0"> <xs:annotation> <xs:documentation>0-9 number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:byte"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Keeper" minOccurs="0"/> <xs:element ref="WagonOperationalData" minOccurs="0"/> <xs:element ref="WagonTechData" minOccurs="0"/> <xs:element name="TypeOfCoupling" minOccurs="0"> </pre>

```

    <xs:simpleType>
      <xs:restriction base="xs:integer">
        <xs:minInclusive value="0"/>
        <xs:maxInclusive value="9"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="TypeOfHeating" minOccurs="0">
    <xs:simpleType>
      <xs:restriction base="xs:integer">
        <xs:minInclusive value="0"/>
        <xs:maxInclusive value="9"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element ref="EmergencyBrakeOverride" minOccurs="0"/>
  <xs:element name="Restrictions" minOccurs="0">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="RestrictionsDueToLoadOrDamage"/>
        <xs:element ref="RestrictionOrProhibition"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="InternalVehicleFitting" minOccurs="0">
    <xs:annotation>
      <xs:documentation>It is not clear should it be filled with the coding list
or with the separated elements</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="TypeofService"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="ItineraryOfCoachOrTrainset" minOccurs="0">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="OriginOfVehicle" minOccurs="0">
          <xs:complexType>
            <xs:complexContent>
              <xs:extension base="LocationIdent">
                <xs:sequence>
                  <xs:element ref="TimingAtLocation"/>
                  <xs:element name="ForwardingRU" type="CompanyCode"/>
                </xs:sequence>
              </xs:extension>
            </xs:complexContent>
          </xs:complexType>
        </xs:element>
        <xs:element name="DestinationOfVehicle" minOccurs="0">
          <xs:complexType>
            <xs:complexContent>
              <xs:extension base="LocationIdent">
                <xs:sequence>

```

	<pre> <xs:element ref="TimingAtLocation"/> <xs:element name="FinalRU"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> <xs:element name="AssociatedTrain" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="LocationOfChange" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>WARNING: I guess, where the unit is attached to the particular train. Am I right?</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="AssociatedAttachedTrainID" minOccurs="0"/> <xs:element ref="AssociatedAttachedOTN" minOccurs="0"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> <xs:element name="RetailServiceID" minOccurs="0"> <xs:annotation> <xs:documentation>Unknown type!!!</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <!-- Sector CR 221 adaptation: cardinality changed --> <xs:element ref="CoachOrTrainsetCommercialData" minOccurs="0" maxOccurs="unbounded"/> <!-- Sector CR 221 adaptation end --> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainOrCoachGroupComposition/Unit/TypeOfVehicle**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple

facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>0</td><td></td></tr><tr><td>maxLength</td><td>50</td><td></td></tr></table>	Kind	Value	Annotation	minLength	0		maxLength	50	
Kind	Value	Annotation								
minLength	0									
maxLength	50									
annotation	documentation WG_Gattung									
source	<pre><xs:element name="TypeOfVehicle" minOccurs="0"> <xs:annotation> <xs:documentation>WG_Gattung</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="0"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

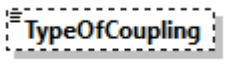
element **TrainOrCoachGroupComposition/Unit/VehicleNumber**

diagram	VehicleNumber 12-character
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 0 maxLength 12
annotation	documentation 12-character
source	<pre><xs:element name="VehicleNumber" minOccurs="0"> <xs:annotation> <xs:documentation>12-character</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="0"/> <xs:maxLength value="12"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

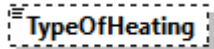
element **TrainOrCoachGroupComposition/Unit/OrientationOfTrainset**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:byte
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 9
annotation	documentation 0-9 number
source	<pre> <xs:element name="OrientationOfTrainset" minOccurs="0"> <xs:annotation> <xs:documentation>0-9 number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:byte"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

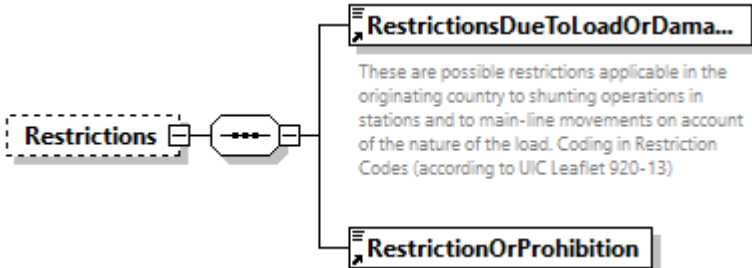
element **TrainOrCoachGroupComposition/Unit/TypeOfCoupling**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 9
source	<pre> <xs:element name="TypeOfCoupling" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TrainOrCoachGroupComposition/Unit/TypeOfHeating**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	minOcc 0 maxOcc 1 content simple									
used by	elements RollingStockTechnicalData UnitTechnicalData									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>9</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	9	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	9									
source	<pre><xs:element name="TypeOfHeating" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TrainOrCoachGroupComposition/Unit/Restrictions**

diagram	 The diagram shows the 'Restrictions' element as a dashed box containing a sequence of two sub-elements: 'RestrictionsDueToLoadOrDamage' and 'RestrictionOrProhibition'. A text box explains that these are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	RestrictionsDueToLoadOrDamage RestrictionOrProhibition
source	<pre><xs:element name="Restrictions" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="RestrictionsDueToLoadOrDamage"/> <xs:element ref="RestrictionOrProhibition"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **TrainOrCoachGroupComposition/Unit/InternalVehicleFitting**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	TypeofService
annotation	documentation It is not clear should it be filled with the coding list or with the separated elements
source	<pre><xs:element name="InternalVehicleFitting" minOccurs="0"> <xs:annotation> <xs:documentation>It is not clear should it be filled with the coding list or with the separated elements</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TypeofService"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	OriginOfVehicle DestinationOfVehicle AssociatedTrain
source	<pre><xs:element name="ItineraryOfCoachOrTrainset" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="OriginOfVehicle" minOccurs="0"> <xs:complexType> <xs:complexContent></pre>

```

        <xs:extension base="LocationIdent">
            <xs:sequence>
                <xs:element ref="TimingAtLocation"/>
                <xs:element name="ForwardingRU" type="CompanyCode"/>
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
</xs:element>
<xs:element name="DestinationOfVehicle" minOccurs="0">
    <xs:complexType>
        <xs:complexContent>
            <xs:extension base="LocationIdent">
                <xs:sequence>
                    <xs:element ref="TimingAtLocation"/>
                    <xs:element name="FinalRU"/>
                </xs:sequence>
            </xs:extension>
        </xs:complexContent>
    </xs:complexType>
</xs:element>
<xs:element name="AssociatedTrain" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="LocationOfChange" type="LocationIdent"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>WARNING: I guess, where the unit is attached to
the particular train. Am I right?</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element ref="AssociatedAttachedTrainID" minOccurs="0"/>
            <xs:element ref="AssociatedAttachedOTN" minOccurs="0"/>
            <xs:element ref="ReferenceOTN" minOccurs="0"/>
            <xs:element ref="TransferPoint" minOccurs="0"/>
            <xs:element ref="TransfereeIM" minOccurs="0"/>
            <xs:element name="RetailServiceID" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Unknown type!!!</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

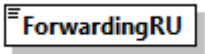
```

element **TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/OriginOfVehicle**

diagram	OriginOfVehicle LocationIdent (extension) CountryCodeISO Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification Code, Name and allocation company of Subsidiary Location TimingAtLocation Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through ForwardingRU
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification TimingAtLocation ForwardingRU
source	<pre><xs:element name="OriginOfVehicle" minOccurs="0"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence></pre>

	<pre><xs:element ref="TimingAtLocation"/> <xs:element name="ForwardingRU" type="CompanyCode"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>

element
TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/OriginOfVehicle/ForwardingRU

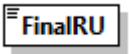
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
source	<pre><xs:element name="ForwardingRU" type="CompanyCode"/></pre>		

element **TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/DestinationOfVehicle**

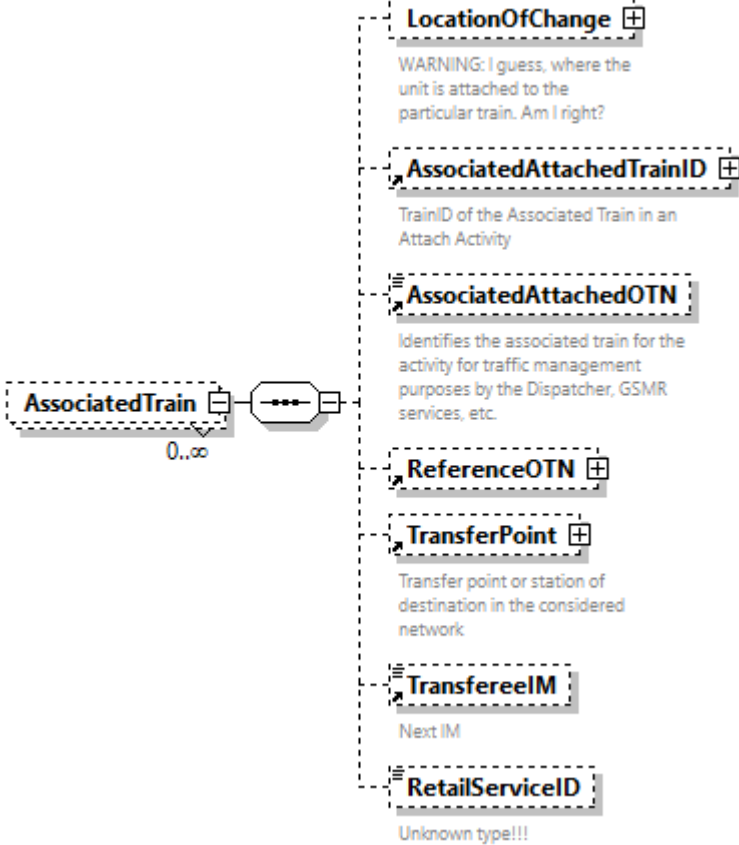
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification TimingAtLocation FinalRU
source	<pre><xs:element name="DestinationOfVehicle" minOccurs="0"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence></pre>

	<pre> <xs:element ref="TimingAtLocation"/> <xs:element name="FinalRU"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/DestinationOfVehicle/FinalRU**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
source	<xs:element name="FinalRU"/>

element **TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/AssociatedTrain**

diagram	 The diagram shows the AssociatedTrain element (a dashed box) connected to a complex structure. This structure includes several sub-elements, each in a dashed box with a plus icon: LocationOfChange: WARNING: I guess, where the unit is attached to the particular train. Am I right? AssociatedAttachedTrainID: TrainID of the Associated Train in an Attach Activity AssociatedAttachedOTN: Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc. ReferenceOTN TransferPoint: Transfer point or station of destination in the considered network TransfereeIM: Next IM RetailServiceID: Unknown type!!! The AssociatedTrain element is also connected to a complex structure (a circle with a dashed line) which is connected to a complex structure (a circle with a dashed line) which is connected to a complex structure (a circle with a dashed line). The cardinality is 0..∞.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex

children	LocationOfChange AssociatedAttachedTrainID AssociatedAttachedOTN ReferenceOTN TransferPoint TransfereeIM RetailServiceID
source	<pre> <xs:element name="AssociatedTrain" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="LocationOfChange" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>WARNING: I guess, where the unit is attached to the particular train. Am I right?</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="AssociatedAttachedTrainID" minOccurs="0"/> <xs:element ref="AssociatedAttachedOTN" minOccurs="0"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> <xs:element name="RetailServiceID" minOccurs="0"> <xs:annotation> <xs:documentation>Unknown type!!!</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element

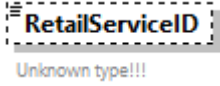
TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/AssociatedTrain/LocationOfChange

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex

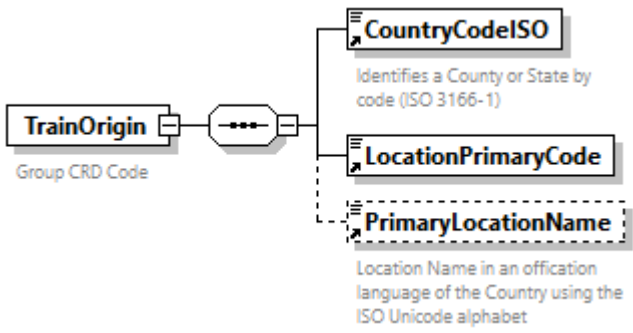
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation WARNING: I guess, where the unit is attached to the particular train. Am I right?
source	<pre><xs:element name="LocationOfChange" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>WARNING: I guess, where the unit is attached to the particular train. Am I right?</xs:documentation> </xs:annotation> </xs:element></pre>

element

TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/AssociatedTrain/RetailServiceID

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1
used by	elements Association UnitCommercialData
annotation	documentation Unknown type!!!
source	<pre><xs:element name="RetailServiceID" minOccurs="0"> <xs:annotation> <xs:documentation>Unknown type!!!</xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName
used by	element OperationalTrainNumberID

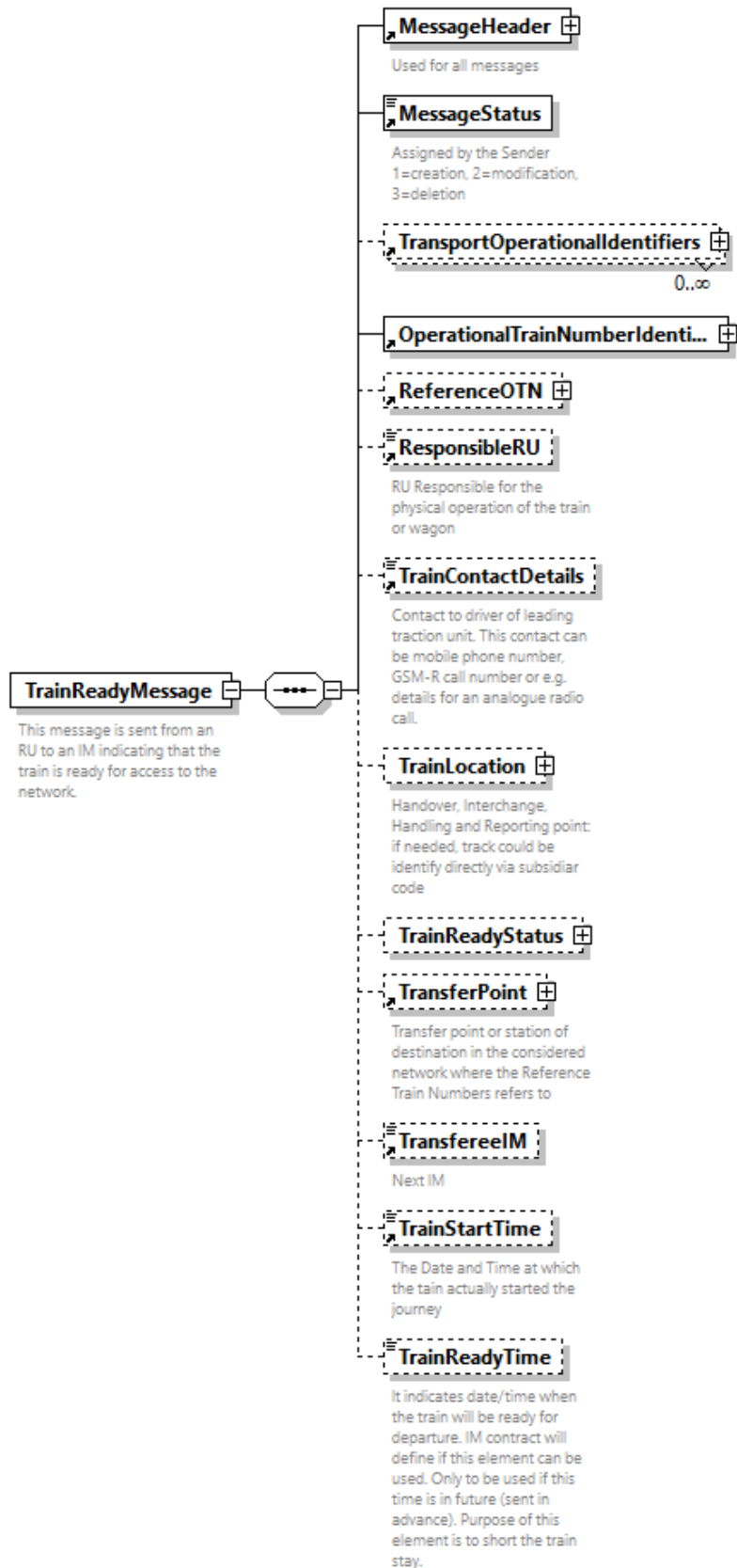
annotation	documentation Group CRD Code
source	<pre> <xs:element name="TrainOrigin"> <xs:annotation> <xs:documentation>Group CRD Code</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRadioSystem**

diagram	TrainRadioSystem The on board radio system of the train in coded format									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	content simple									
used by	elements PassengerTrainData PlannedTrainTechnicalData TrainRunningTechData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	1		enumeration	2	
Kind	Value	Annotation								
enumeration	1									
enumeration	2									
annotation	documentation The on board radio system of the train in coded format									
source	<pre><xs:element name="TrainRadioSystem"> <xs:annotation> <xs:documentation>The on board radio system of the train in coded format</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TrainReadyMessage**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainContactDetails TrainLocation TrainReadyStatus TransferPoint TransfereeIM TrainStartTime TrainReadyTime
annotation	documentation This message is sent from an RU to an IM indicating that the train is ready for access to the network.
source	<pre> <xs:element name="TrainReadyMessage"> <xs:annotation> <xs:documentation>This message is sent from an RU to an IM indicating that the train is ready for access to the network.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="TrainContactDetails" minOccurs="0"/> <xs:element name="TrainLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code </xs:documentation> </xs:annotation> </xs:element> <xs:element name="TrainReadyStatus" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the reason why the train is not ready.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:complexType> </xs:element> <xs:element ref="TransferPoint" minOccurs="0"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TransfereeIM" minOccurs="0"/> <xs:element ref="TrainStartTime" minOccurs="0"/> <xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay. </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainReadyMessage/TrainLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code

source	<pre> <xs:element name="TrainLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code </xs:documentation> </xs:annotation> </xs:element> </pre>

element **TrainReadyMessage/TrainReadyStatus**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	TrainReady TrainDelay TrainNotReadyDescription DelayCause
source	<pre> <xs:element name="TrainReadyStatus" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the reason why the train is not ready.</xs:documentation> </pre>

	<pre> </xs:annotation> </xs:element> <xs:element ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainReadyMessage/TrainReadyStatus/TrainReady**

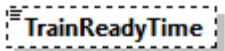
diagram	TrainReady 0=Not Ready 1=Ready									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	documentation 0=Not Ready 1=Ready									
source	<pre><xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription**

diagram	TrainNotReadyDescription Description of the reason why the train is not ready.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255

annotation	documentation Description of the reason why the train is not ready.
source	<pre> <xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the reason why the train is not ready.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **TrainReadyMessage/TrainReadyTime**

diagram	 It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay.
source	<pre> <xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **TrainReadyStatus**

diagram	TrainReady 0=Not Ready 1=Ready TrainDelay ⊕ Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time DelayCause This element identifies the reason for a delay (modified DelayReason)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainReady TrainDelay DelayCause
source	<pre> <xs:element name="TrainReadyStatus"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainReadyStatus/TrainReady**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:integer						
properties	content simple						
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>0</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	0	
Kind	Value	Annotation					
enumeration	0						

	enumeration 1
annotation	documentation 0=Not Ready 1=Ready
source	<pre> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TrainRunningData**

diagram	The diagram shows the structure of the TrainRunningData element. It is a complex type that contains the following children: TrainRunningTechData: Shows the relevant technical data for a running train. (Required, 1) ExceptionalGaugingInd: Indicates that an exceptional gauging is in the train or for the wagon - (true/false). (Optional, 1) DangerousGoodsIndicator: Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication. (Optional, 1) Activities: (Optional, 0..99) Notes: Remarks to be transmitted to IM. (Optional, 0..∞)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainRunningTechData ExceptionalGaugingInd DangerousGoodsIndicator Activities Notes
used by	element TrainCompositionJourneySection
annotation	documentation Train relevant data for a running train
source	<pre> <xs:element name="TrainRunningData"> <xs:annotation> <xs:documentation>Train relevant data for a running train</xs:documentation> </pre>

	<pre> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainRunningTechData"/> <xs:element ref="ExceptionalGaugingInd" minOccurs="0"/> <xs:element ref="DangerousGoodsIndicator" minOccurs="0"/> <xs:element name="Activities" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="TrainActivity"/> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Notes" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRunningData/Activities**

diagram	Since the activities can be related to attaching / detaching of wagons and/or cars to different trains, the reference to other trains should be possible to be indicated.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 99 content complex
children	TrainActivity ActivityLocationIdent
source	<pre> <xs:element name="Activities" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="TrainActivity"/> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRunningData/Activities/ActivityLocationIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
source	<code><xs:element name="ActivityLocationIdent" type="LocationIdent"/></code>

element **TrainRunningForecastMessage**

diagram	TrainRunningForecastMessage This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract MessageHeader Used for all messages MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU RU Responsible for the physical operation of the train or wagon TrainLocationReport 1..∞ Specifies the relevant running data of a train related to a specific location TransferPoint Transfer point or station of destination in the considered network TransfereeIM Next IM
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereeIM
annotation	documentation This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract
source	<pre> <xs:element name="TrainRunningForecastMessage"> <xs:annotation> <xs:documentation>This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at </pre>

the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by

contract</xs:documentation>

</xs:annotation>

<xs:complexType>

<xs:sequence>

<xs:element ref="MessageHeader"/>

<xs:element ref="MessageStatus"/>

<xs:element ref="TrainOperationalIdentification" minOccurs="0"/>

<xs:element ref="OperationalTrainNumberIdentifier"/>

<xs:element ref="ReferenceOTN" minOccurs="0"/>

<xs:element ref="ResponsibleRU" minOccurs="0"/>

<xs:element ref="TrainLocationReport" maxOccurs="unbounded"/>

<xs:element ref="TransferPoint" minOccurs="0"/>

<xs:element ref="TransfereeIM" minOccurs="0"/>

</xs:sequence>

</xs:complexType>

</xs:element>

element **TrainRunningInformationMessage**

diagram	TrainRunningInformationMess... This message is issued upon 1) Arrival, departure or run-through in agreed reporting points and/or 2) Attainment of the agreed initial running time and/or 3) A new divergence between nominal and actual being achieved in excess of the agreed threshold value 4) as a response to the EnquiryTrainsAtReportingLocationMessage. There will only be one train reported per message and will include one response per train at a location. MessageHeader Used for all messages MessageStatus Assigned by the Sender 1=Creation, 2=Modification, 3=deletion TrainOperationalIdentification OperationalTrainNumberIdenti... ReferenceOTN ResponsibleRU RU Responsible for the physical operation of the train or wagon TrainLocationReport Specifies the relevant running data of a train related to a specific location TransferPoint Transfer point or station of destination in the considered network TransfereeIM Next IM
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereeIM
annotation	documentation This message is issued upon 1) Arrrival, departure or run-through in agreed reporting points and/or 2) Attainment of the agreed initial running time and/or 3) A new divergence between nominal and actual being achieved in excess of the agreed threshold value 4) as a response to the EnquiryTrainsAtReportingLocationMessage. There will only be one train reported per message and will include one response per train at a location.
source	<pre><xs:element name="TrainRunningInformationMessage"> <xs:annotation> <xs:documentation>This message is issued upon 1) Arrrival, departure or run-through in agreed reporting points and/or 2) Attainment of the agreed initial running time and/or 3) A new divergence between nominal and actual being achieved in excess of the agreed threshold value 4) as a response to the EnquiryTrainsAtReportingLocationMessage. There will only be one train reported per message and will include one response per train at a</pre>

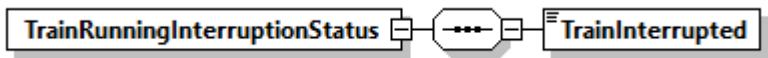
```
location.</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="MessageHeader"/>
    <xs:element ref="MessageStatus">
      <xs:annotation>
        <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification,
3=deletion </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="TrainOperationalIdentification" minOccurs="0"/>
    <xs:element ref="OperationalTrainNumberIdentifier"/>
    <xs:element ref="ReferenceOTN" minOccurs="0"/>
    <xs:element ref="ResponsibleRU" minOccurs="0"/>
    <xs:element ref="TrainLocationReport"/>
    <xs:element ref="TransferPoint" minOccurs="0"/>
    <xs:element ref="TransfereeIM" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
```

element **TrainRunningInterruptionMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU InterruptionPoint TrainRunningInterruptionStatus TransferPoint TransfereelM
annotation	documentation This message is used to inform about the trains which has been already interrupted. Message is sent only for those trains, directly interrupted by the disruption.
source	<pre> <xs:element name="TrainRunningInterruptionMessage"> <xs:annotation> <xs:documentation>This message is used to inform about the trains which has been already interrupted. Message is sent only for those trains, directly interrupted by the disruption. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre>

	<pre> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="InterruptionPoint"/> <xs:element ref="TrainRunningInterruptionStatus" minOccurs="0"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRunningInterruptionStatus**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainInterrupted
used by	element TrainRunningInterruptionMessage
source	<pre> <xs:element name="TrainRunningInterruptionStatus"> <xs:complexType> <xs:sequence> <xs:element name="TrainInterrupted"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Not Interrupted</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Interrupted at location (default)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Will be interrupted, not yet at location</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:sequence> </xs:complexType> </xs:element> </pre>

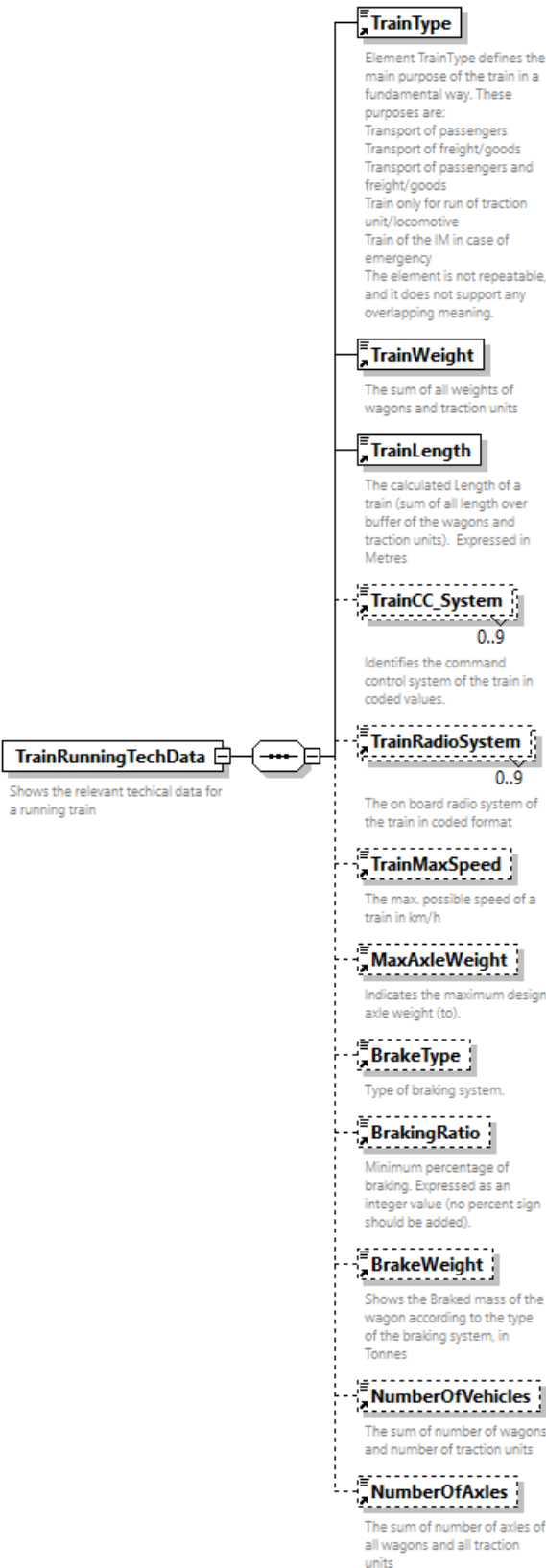
	<pre> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRunningInterruptionStatus/TrainInterrupted**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	0	documentation Not Interrupted
	enumeration	1	documentation Interrupted at location (default)
	enumeration	2	documentation Will be interrupted, not yet at location
source	<pre><xs:element name="TrainInterrupted"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Not Interrupted</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Interrupted at location (default)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Will be interrupted, not yet at location</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>		

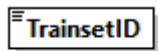
element **TrainRunningTechData**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainType TrainWeight TrainLength TrainCC System TrainRadioSystem TrainMaxSpeed MaxAxleWeight BrakeType BrakingRatio BrakeWeight NumberOfVehicles NumberOfAxles
used by	elements PassengerTrainRunningData TrainRunningData
annotation	documentation Shows the relevant techical data for a running train
source	<pre> <xs:element name="TrainRunningTechData"> <xs:annotation> <xs:documentation>Shows the relevant techical data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainType"/> <xs:element ref="TrainWeight"/> <xs:element ref="TrainLength"/> <xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="9"/> <xs:element ref="TrainRadioSystem" minOccurs="0" maxOccurs="9"/> <xs:element ref="TrainMaxSpeed" minOccurs="0"/> <xs:element ref="MaxAxleWeight" minOccurs="0"/> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="BrakingRatio" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="NumberOfVehicles" minOccurs="0"/> <xs:element ref="NumberOfAxles" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainsetID**

diagram	 Coding used to identify uniquely a trainset									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>12</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	12	
Kind	Value	Annotation								
minLength	1									
maxLength	12									
annotation	documentation Coding used to identify uniquely a trainset									
source	<pre><xs:element name="TrainsetID"> <xs:annotation> <xs:documentation>Coding used to identify uniquely a</pre>									

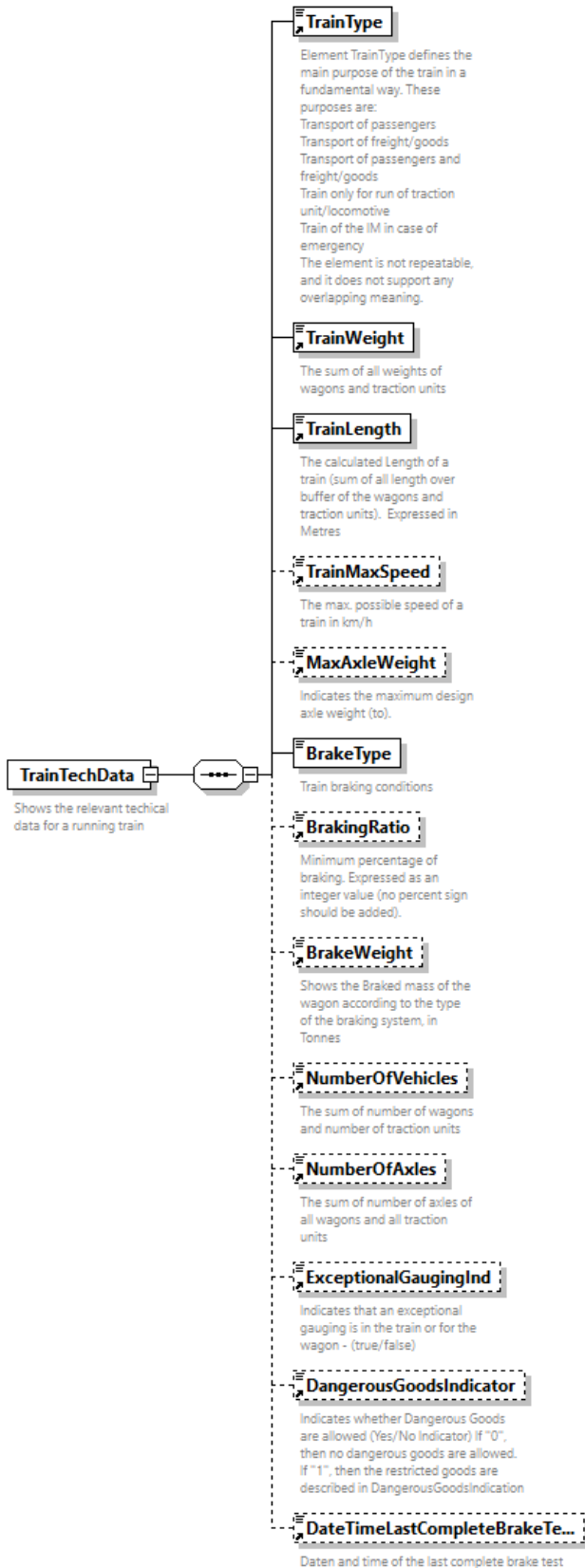
	<pre> trainset</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="12"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TrainStartTime**

diagram	 The Date and Time at which the tain actually started the journey
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element TrainReadyMessage
annotation	documentation The Date and Time at which the tain actually started the journey
source	<pre> <xs:element name="TrainStartTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The Date and Time at which the tain actually started the journey</xs:documentation> </xs:annotation> </xs:element> </pre>

element **TrainTechData**

diagram



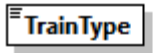
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainType TrainWeight TrainLength TrainMaxSpeed MaxAxleWeight BrakeType BrakingRatio BrakeWeight NumberOfVehicles NumberOfAxles ExceptionalGaugingInd DangerousGoodsIndicator DateTimeLastCompleteBrakeTest
used by	element OperationalTrainNumberID
annotation	documentation Shows the relevant techical data for a running train
source	<pre> <xs:element name="TrainTechData"> <xs:annotation> <xs:documentation>Shows the relevant techical data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainType"/> <xs:element ref="TrainWeight"/> <xs:element ref="TrainLength"/> <xs:element ref="TrainMaxSpeed" minOccurs="0"/> <xs:element ref="MaxAxleWeight" minOccurs="0"/> <xs:element name="BrakeType"> <xs:annotation> <xs:documentation>Train braking conditions</xs:documentation> <xs:documentation>Bremsart des Zuges</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="G"/> <xs:enumeration value="P"/> <xs:enumeration value="R"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="BrakingRatio" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="NumberOfVehicles" minOccurs="0"/> <xs:element ref="NumberOfAxles" minOccurs="0"/> <xs:element ref="ExceptionalGaugingInd" minOccurs="0"/> <xs:element ref="DangerousGoodsIndicator" minOccurs="0"/> <xs:element ref="DateTimeLastCompleteBrakeTest" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainTechData/BrakeType**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content	simple	
used by	elements	BrakeUnit PassengerTrainData PlannedTrainTechnicalData RollingStockTechnicalData TechnicalParameters TrainRunningTechData WagonOperationalData	
facets	Kind	Value	Annotation
	enumeration	G	
	enumeration	P	
	enumeration	R	
annotation	documentation	Train braking conditions	
	documentation	Bremsart des Zuges	
source	<pre><xs:element name="BrakeType"> <xs:annotation> <xs:documentation>Train braking conditions</xs:documentation> <xs:documentation>Bremsart des Zuges</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="G"/> <xs:enumeration value="P"/> <xs:enumeration value="R"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **TrainType**

diagram	 Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: - Transport of passengers - Transport of freight/goods - Transport of passengers and freight/goods - Train only for run of traction unit/locomotive - Train of the IM in case of emergency The element is not repeatable, and it does not support any overlapping meaning.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	content simple

used by	PassengerTrainData PlannedTrainData TrainRunningTechData TrainTechData CapacityModelSearchCriteria/TrainTypeSearch CapacityModelType		
facets	Kind	Value	Annotation
	enumeration	0	documentation Other train
	enumeration	1	documentation Passenger train
	enumeration	2	documentation Freight train
	enumeration	3	documentation Light engine (locomotive train)
	enumeration	4	documentation Engineering train
	enumeration	5	documentation Emergency train
	enumeration	6	documentation Mixed train (passenger and freight train in combination)
annotation	documentation Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: Transport of passengers Transport of freight/goods Transport of passengers and freight/goods Train only for run of traction unit/locomotive Train of the IM in case of emergency The element is not repeatable, and it does not support any overlapping meaning.		
source	<pre> <xs:element name="TrainType"> <xs:annotation> <xs:documentation>Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: Transport of passengers Transport of freight/goods Transport of passengers and freight/goods Train only for run of traction unit/locomotive Train of the IM in case of emergency The element is not repeatable, and it does not support any overlapping meaning. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Other train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Passenger train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Freight train</xs:documentation> </pre>		

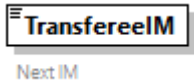
	<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Light engine (locomotive train)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Engineering train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Emergency train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>Mixed train (passenger and freight train in combination)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TrainWeight**

diagram	TrainWeight The sum of all weights of wagons and traction units									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of WeightValueTonne									
properties	content simple									
used by	elements PassengerTrainData PlannedTrainTechnicalData TechnicalParameters TrainRunningTechData TrainTechData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation The sum of all weights of wagons and traction units									
source	<pre><xs:element name="TrainWeight"> <xs:annotation> <xs:documentation>The sum of all weights of wagons and traction units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WeightValueTonne"></pre>									

	<pre> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TransfereeIM**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	content	simple	
used by	elements	TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/AssociatedTrainChangeOfTrackMessage PassengerTrainCompositionMessage RollingStockRestrictionMessage TrainCompositionMessage TrainDelayCauseMessage TrainForecastedDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
annotation	documentation	Next IM	
source	<xs:element name="TransfereeIM" type="CompanyCode"> <xs:annotation> <xs:documentation>Next IM</xs:documentation> </xs:annotation> </xs:element>		

element **TransferPoint**

diagram	The diagram shows the structure of the TransferPoint element. It is connected to a dashed box labeled LocationIdent. Inside LocationIdent, there are four sub-elements: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an official language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/AssociatedTrainChangeOfTrackMessage PassengerTrainCompositionMessage RollingStockRestrictionMessage TrainCompositionMessage TrainDelayCauseMessage TrainForecastedDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
annotation	documentation Transfer point or station of destination in the considered network
source	<pre><xs:element name="TransferPoint" type="LocationIdent"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network</xs:documentation> </xs:annotation> </xs:element></pre>

element **TransportInstruction**

diagram	The diagram shows the TransportInstruction element as a box with the label TransportInstruction and the description: "Special instructions regarding the transportation of the wagon or shipment in free text".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText

properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Special instructions regarding the transportation of the wagon or shipment in free text
source	<pre><xs:element name="TransportInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Special instructions regarding the transportation of the wagon or shipment in free text</xs:documentation> </xs:annotation> </xs:element></pre>

element **TransportMethod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TransportMethodCode ResponsibleRU
used by	element TransportMonitoringAndMethod
annotation	documentation Forwarding method
source	<pre><xs:element name="TransportMethod"> <xs:annotation> <xs:documentation>Forwarding method</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TransportMethodCode"/> <xs:element name="ResponsibleRU" minOccurs="0" maxOccurs="9"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **TransportMethod/ResponsibleRU**

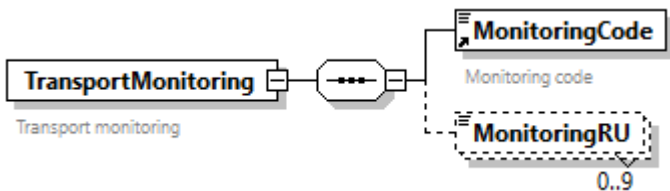
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	minOcc 0 maxOcc 9
used by	elements ExceptionalGaugingInfo ExceptionPoint MonitoringBodies PlannedJourneyLocation ResponsibilityActualSection ResponsibilityActualSectionPassenger ResponsibilityNextSection ResponsibilityNextSectionPassenger RunningStatusReportMessage TrainDelayCauseMessage TrainForecastedDelayCauseMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
source	<code><xs:element name="ResponsibleRU" minOccurs="0" maxOccurs="9"/></code>

element **TransportMethodCode**

diagram	≡ TransportMethodCode Forwarding method code									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
used by	element TransportMethod									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Forwarding method code									
source	<pre><xs:element name="TransportMethodCode"> <xs:annotation> <xs:documentation>Forwarding method code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TransportMonitoring**

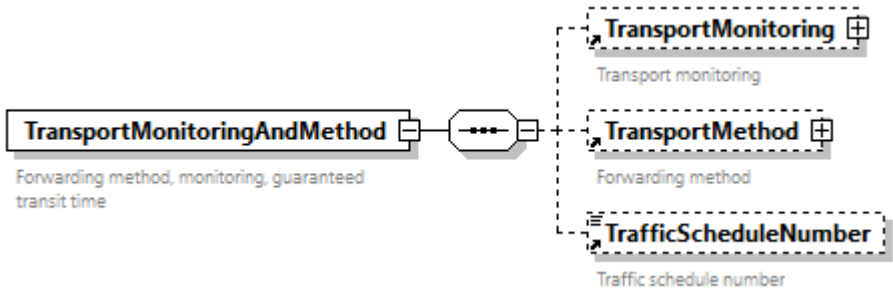
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	MonitoringCode MonitoringRU
used by	element TransportMonitoringAndMethod
annotation	documentation Transport monitoring
source	<pre> <xs:element name="TransportMonitoring"> <xs:annotation> <xs:documentation>Transport monitoring</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MonitoringCode"/> <xs:element name="MonitoringRU" type="CompanyCode" minOccurs="0" maxOccurs="9"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TransportMonitoring/MonitoringRU**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	minOcc	0	
	maxOcc	9	
	content	simple	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
source	<xs:element name="MonitoringRU" type="CompanyCode" minOccurs="0" maxOccurs="9"/>		

element **TransportMonitoringAndMethod**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TransportMonitoring TransportMethod TrafficScheduleNumber
used by	element LoadingSpecial
annotation	documentation Forwarding method, monitoring, guaranteed transit time
source	<pre> <xs:element name="TransportMonitoringAndMethod"> <xs:annotation> <xs:documentation>Forwarding method, monitoring, guaranteed transit time</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TransportMonitoring" minOccurs="0"/> <xs:element ref="TransportMethod" minOccurs="0"/> <xs:element ref="TrafficScheduleNumber" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TransportOperationalIdentifiers**

diagram	The diagram illustrates the structure of the TransportOperationalIdentifiers element. It is an extension of the CompositIdentifierOperationalType. The extension is represented by a dashed yellow box containing the following elements: ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) and TCR(TC) Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determined by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: Is only used in the operational phase and refers to the date where the single train will start the train journey The TransportOperationalIdentifiers element is shown as a box on the left, connected to the extension box by a line with a dashed circle in the middle.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of CompositIdentifierOperationalType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements AssociatedTrain ErrorMessage PassengerTrainCompositionMessage RollingStockRestrictionMessage TrainCompositionHermesCompatibleMessage TrainCompositionMessage TrainOperationalIdentification TrainReadyMessage
source	<pre> <xs:element name="TransportOperationalIdentifiers"> <xs:complexType> <xs:complexContent> <xs:extension base="CompositIdentifierOperationalType"/> </xs:complexContent> </xs:complexType> </xs:element> </pre>

	<pre></xs:complexType> </xs:element></pre>

element **TransportRestrictionCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	content	simple	
used by	element	PassengerTransportRestriction	
facets	Kind	Value	Annotation
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	15	
	enumeration	16	
	enumeration	18	
	enumeration	25	
	enumeration	30	
	enumeration	31	
	enumeration	32	
	enumeration	33	
	enumeration	34	
	enumeration	35	
	enumeration	36	
	enumeration	37	
	enumeration	38	
	enumeration	39	
	enumeration	41	
	enumeration	42	
	enumeration	50	
	enumeration	51	
	enumeration	61	
	enumeration	62	
	enumeration	63	
	enumeration	68	
	enumeration	70	
	enumeration	71	
	enumeration	90	
	enumeration	91	

	enumeration 92 enumeration 94 enumeration 99
source	<pre> <xs:element name="TransportRestrictionCode"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="07"/> <xs:enumeration value="08"/> <xs:enumeration value="09"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="15"/> <xs:enumeration value="16"/> <xs:enumeration value="18"/> <xs:enumeration value="25"/> <xs:enumeration value="30"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="33"/> <xs:enumeration value="34"/> <xs:enumeration value="35"/> <xs:enumeration value="36"/> <xs:enumeration value="37"/> <xs:enumeration value="38"/> <xs:enumeration value="39"/> <xs:enumeration value="41"/> <xs:enumeration value="42"/> <xs:enumeration value="50"/> <xs:enumeration value="51"/> <xs:enumeration value="61"/> <xs:enumeration value="62"/> <xs:enumeration value="63"/> <xs:enumeration value="68"/> <xs:enumeration value="70"/> <xs:enumeration value="71"/> <xs:enumeration value="90"/> <xs:enumeration value="91"/> <xs:enumeration value="92"/> <xs:enumeration value="94"/> <xs:enumeration value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TransportRestrictionValue**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string

properties	content simple
used by	element PassengerTransportRestriction
source	<code><xs:element name="TransportRestrictionValue" type="xs:string"/></code>

element **TypeOfAccessory**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:short		
properties	content simple		
used by	element RemovableAccessoriesAndSpecialEquipmentOnWagons		
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	9	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	15	
	enumeration	16	
	enumeration	17	
	enumeration	18	
	enumeration	19	
	enumeration	20	
	enumeration	21	
	enumeration	22	
	enumeration	23	
	enumeration	24	
	enumeration	25	
	enumeration	26	
	enumeration	27	
	enumeration	28	
	enumeration	29	

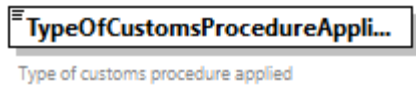
	enumeration 99
annotation	documentation Type of accessory
source	<pre> <xs:element name="TypeOfAccessory"> <xs:annotation> <xs:documentation>Type of accessory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> <xs:enumeration value="5"/> <xs:enumeration value="6"/> <xs:enumeration value="7"/> <xs:enumeration value="8"/> <xs:enumeration value="9"/> <xs:enumeration value="10"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="14"/> <xs:enumeration value="15"/> <xs:enumeration value="16"/> <xs:enumeration value="17"/> <xs:enumeration value="18"/> <xs:enumeration value="19"/> <xs:enumeration value="20"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="24"/> <xs:enumeration value="25"/> <xs:enumeration value="26"/> <xs:enumeration value="27"/> <xs:enumeration value="28"/> <xs:enumeration value="29"/> <xs:enumeration value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TypeOfCustomsClearingPoint**

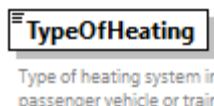
diagram	 Type of customs clearing point
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short

properties	content simple									
used by	element CustomsClearingPoint									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>5</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	5	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	5									
annotation	documentation Type of customs clearing point									
source	<pre><xs:element name="TypeOfCustomsClearingPoint"> <xs:annotation> <xs:documentation>Type of customs clearing point</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

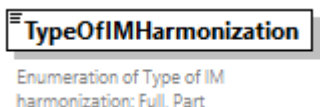
element **TypeOfCustomsProcedureApplied**

diagram	 Type of customs procedure applied						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:short						
properties	content simple						
used by	element CustomsProcedure						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	2	
Kind	Value	Annotation					
totalDigits	2						
annotation	documentation Type of customs procedure applied						
source	<pre><xs:element name="TypeOfCustomsProcedureApplied"> <xs:annotation> <xs:documentation>Type of customs procedure applied</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **TypeOfHeating**

diagram	 Type of heating system in a passenger vehicle or trainset															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
used by	elements RollingStockTechnicalData UnitTechnicalData															
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr><tr><td>enumeration</td><td>4</td><td>Other or not known</td></tr></table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4	Other or not known
Kind	Value	Annotation														
enumeration	1															
enumeration	2															
enumeration	3															
enumeration	4	Other or not known														
annotation	documentation Type of heating system in a passenger vehicle or trainset															
source	<pre><xs:element name="TypeOfHeating"> <xs:annotation> <xs:documentation>Type of heating system in a passenger vehicle or trainset</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:annotation> <xs:documentation>Electrical</xs:documentation> <xs:documentation>Autonomous heating</xs:documentation> <xs:documentation>Steam</xs:documentation> </xs:annotation> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4 Other or not known"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element **TypeOfIMHarmonization**

diagram	 Enumeration of Type of IM harmonization: Full, Part
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	TypeOfIMHarmonizationCode
properties	content simple
used by	elements PathCoordinationMessage PathDetailsMessage PathRequestMessage

	PathSectionNotificationMessage									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>Full</td><td></td></tr><tr><td>enumeration</td><td>Part</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Full		enumeration	Part	
Kind	Value	Annotation								
enumeration	Full									
enumeration	Part									
annotation	documentation Enumeration of Type of IM harmonization: Full, Part									
source	<pre><xs:element name="TypeOfIMHarmonization" type="TypeOfIMHarmonizationCode"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> </xs:element></pre>									

element **TypeOfInformation**

diagram	TypeOfInformation Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation																																	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																	
type	TypeOfInformationCode																																	
properties	content simple																																	
used by	elements CapacityModelMessage ObjectInfoMessage PathCanceledMessage PathConfirmedMessage PathCoordinationMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PathSectionNotificationMessage ReceiptConfirmationMessage																																	
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr><tr><td>enumeration</td><td>1</td><td>documentation harmonisation - in process</td></tr><tr><td>enumeration</td><td>2</td><td>documentation harmonisation - accepted</td></tr><tr><td>enumeration</td><td>3</td><td>documentation harmonisation - rejected</td></tr><tr><td>enumeration</td><td>4</td><td>documentation Request ready</td></tr><tr><td>enumeration</td><td>5</td><td>documentation path study request</td></tr><tr><td>enumeration</td><td>6</td><td>documentation pre-arranged path/reserve capacity</td></tr><tr><td>enumeration</td><td>7</td><td>documentation create offer</td></tr><tr><td>enumeration</td><td>8</td><td>documentation</td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99		enumeration	1	documentation harmonisation - in process	enumeration	2	documentation harmonisation - accepted	enumeration	3	documentation harmonisation - rejected	enumeration	4	documentation Request ready	enumeration	5	documentation path study request	enumeration	6	documentation pre-arranged path/reserve capacity	enumeration	7	documentation create offer	enumeration	8	documentation
Kind	Value	Annotation																																
minInclusive	0																																	
maxInclusive	99																																	
enumeration	1	documentation harmonisation - in process																																
enumeration	2	documentation harmonisation - accepted																																
enumeration	3	documentation harmonisation - rejected																																
enumeration	4	documentation Request ready																																
enumeration	5	documentation path study request																																
enumeration	6	documentation pre-arranged path/reserve capacity																																
enumeration	7	documentation create offer																																
enumeration	8	documentation																																

	enumeration	9	coordination update documentation draft offer
	enumeration	10	documentation draft alternative offer
	enumeration	11	documentation observation - in process
	enumeration	12	documentation observation - complete
	enumeration	13	documentation preparation of final offer - in process
	enumeration	14	documentation preparation of final offer - accepted
	enumeration	15	documentation preparation of final offer - rejected
	enumeration	16	documentation final offer
	enumeration	17	documentation final offer - accepted
	enumeration	18	documentation alternative offer accepted
	enumeration	19	documentation pre-accepted offer
	enumeration	20	documentation Final Offer rejected
	enumeration	21	documentation no alternative available
	enumeration	22	documentation booked
	enumeration	23	documentation preparation of draft alternative offer is in progress
	enumeration	24	documentation alternative offer triggered by IM
	enumeration	25	documentation offer/final offer rejected (without revision)
	enumeration	26	documentation alternative offer rejected (without revision)
	enumeration	27	documentation offer/final offer rejected (revision required)
	enumeration	28	documentation alternative offer rejected (revision required)
	enumeration	29	documentation withdrawal
	enumeration	30	documentation Create Dossier
	enumeration	31	documentation Close Dossier
	enumeration	32	documentation Path canceled full
	enumeration	33	documentation Path canceled partial
	enumeration	40	documentation Fully Assembled Path (FAP, constructed path)
	enumeration	42	documentation

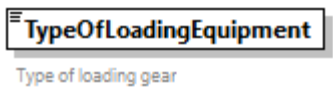
	enumeration 43 documentation Preparation of draft offer – accepted enumeration 44 documentation Preparation of draft offer – rejected enumeration 45 documentation Draft offer rejected enumeration 50 documentation Draft no alternative available enumeration 51 documentation activate path (utilisation notification) enumeration 52 documentation deactivate path (utilisation notification) enumeration 53 documentation confirmation of utilisation notification enumeration 54 documentation Path and train cancelled enumeration 55 documentation Pre-booking in progress enumeration 56 documentation Preparation of alternative offer in progress (optimization) enumeration 65 documentation Alternative offer triggered by IM (optimization) enumeration 66 documentation Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage) enumeration 66 documentation Booked after route update (used in PathDetailsMessage)
annotation	documentation Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation
source	<pre><xs:element name="TypeOfInformation" type="TypeOfInformationCode"> <xs:annotation> <xs:documentation> Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation</xs:documentation> </xs:annotation> </xs:element></pre>

element **TypeOfInterchangeOrBorderCrossingPoint**

diagram	 Type of interchange or border crossing point
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	content simple
used by	element WagonDataHERMES/Consignmentdata/ListOfInterchangeOrBorderCrossingPoints

facets	Kind enumeration Value 1 Annotation
annotation	documentation Type of interchange or border crossing point
source	<pre><xs:element name="TypeOfInterchangeOrBorderCrossingPoint"> <xs:annotation> <xs:documentation>Type of interchange or border crossing point</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **TypeOfLoadingEquipment**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
used by	element LoadingEquipment
facets	Kind length 2 pattern \d*[1-9]\d* Value Annotation
annotation	documentation Type of loading gear
source	<pre><xs:element name="TypeOfLoadingEquipment"> <xs:annotation> <xs:documentation>Type of loading gear</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **TypeOfLoadUnit**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:short		
properties	content	simple	
used by	element	ILU Data	
facets	Kind	Value	Annotation
	enumeration	00	
	enumeration	01	
	enumeration	02	
	enumeration	03	
	enumeration	04	
annotation	documentation	Type of unit	
source	<pre><xs:element name="TypeOfLoadUnit"> <xs:annotation> <xs:documentation>Type of unit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="00"/> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **TypeOfRemovableAccessories**

diagram	TypeOfRemovableAccessories Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:token															
properties	content simple															
used by	element RollingStockDataset/DesignDataSet/RemovableAccessories															
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>01</td><td>documentation Removable stanchion</td></tr><tr><td>enumeration</td><td>02</td><td>documentation Removable side flap of flat wagon</td></tr><tr><td>enumeration</td><td>03</td><td>documentation Removable end flap of flat wagon</td></tr><tr><td>enumeration</td><td>04</td><td>documentation</td></tr></table>	Kind	Value	Annotation	enumeration	01	documentation Removable stanchion	enumeration	02	documentation Removable side flap of flat wagon	enumeration	03	documentation Removable end flap of flat wagon	enumeration	04	documentation
Kind	Value	Annotation														
enumeration	01	documentation Removable stanchion														
enumeration	02	documentation Removable side flap of flat wagon														
enumeration	03	documentation Removable end flap of flat wagon														
enumeration	04	documentation														

	enumeration	05	Removable side rail documentation
	enumeration	06	Removable intermediate upright for securing the load documentation
	enumeration	07	Stanchion chain documentation
	enumeration	08	Removable handle and wheel for winch on car-carrying wagon documentation
	enumeration	09	Swivelling bolster (with stanchions) documentation
	enumeration	10	Coupling rod (rigid coupling) documentation
	enumeration	11	Ice bunker documentation
	enumeration	12	Ice bunker screen documentation
	enumeration	13	Ice bunker frame documentation
	enumeration	14	Trestle or bar with hooks for hanging meat documentation
	enumeration	15	Movable cross-member of wagon with low loading plane documentation
	enumeration	16	Removable support documentation
	enumeration	17	Mooring cross-member on wagon for special loads documentation
	enumeration	18	Movable floor panel on wagon for special loads documentation
	enumeration	19	Scotch documentation
	enumeration	20	Skid bar with or without shoes on car-carrying wagon documentation
	enumeration	21	Mooring strap on car-carrying wagon documentation
	enumeration	22	Beam for movable ramp on car-carrying wagon documentation
	enumeration	23	Spare heating half-coupling documentation
	enumeration	24	Fire extinguisher documentation
	enumeration	25	Wheel scotches (for cars) on car-carrying wagon documentation
	enumeration	26	Gangway loading ramp on car-carrying wagon documentation
	enumeration	27	Metal cradles for rolls of metal sheeting documentation
	enumeration	28	Panel for covering markings documentation
	enumeration	29	Loading frame for special types of goods documentation
	enumeration	99	Headstock for "rolling roads" documentation
			Other wagon accessories

annotation	documentation Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13
source	<pre> <xs:element name="TypeOfRemovableAccessories"> <xs:annotation> <xs:documentation>Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Removable stanchion</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>Removable side flap of flat wagon</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>Removable end flap of flat wagon</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>Removable side rail</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="05"> <xs:annotation> <xs:documentation>Removable intermediate upright for securing the load</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>Stanchion chain</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>Removable handle and wheel for winch on car-carrying wagon</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation>Swivelling bolster (with stanchions)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="09"> </pre>

	<pre> <xs:annotation> <xs:documentation>Coupling rod (rigid coupling)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Ice bunker</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Ice bunker screen</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Ice bunker frame</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Trestle or bar with hooks for hanging meat</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>Movable cross-member of wagon with low loading plane</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>Removable support</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>Mooring cross-member on wagon for special loads</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>Movable floor panel on wagon for special loads</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>Scotch</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="19"> <xs:annotation> </pre>

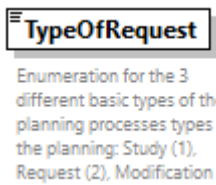
```

        <xs:documentation>Skid bar with or without shoes on car-carrying
wagon</xs:documentation>
    </xs:annotation>
</xs:enumeration>
    <xs:enumeration value="20">
        <xs:annotation>
            <xs:documentation>Mooring strap on car-carrying
wagon</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="21">
        <xs:annotation>
            <xs:documentation>Beam for movable ramp on car-carrying
wagon</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="22">
        <xs:annotation>
            <xs:documentation>Spare heating half-coupling</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="23">
        <xs:annotation>
            <xs:documentation>Fire extinguisher</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="24">
        <xs:annotation>
            <xs:documentation>Wheel scotches (for cars) on car-carrying
wagon</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="25">
        <xs:annotation>
            <xs:documentation>Gangway loading ramp on car-carrying
wagon</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="26">
        <xs:annotation>
            <xs:documentation>Metal cradles for rolls of metal
sheeting</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="27">
        <xs:annotation>
            <xs:documentation>Panel for covering markings</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="28">
        <xs:annotation>
            <xs:documentation>Loading frame for special types of
goods</xs:documentation>
        </xs:annotation>
    </xs:enumeration>

```

	<pre> <xs:enumeration value="29"> <xs:annotation> <xs:documentation>Headstock for "rolling roads"</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="99"> <xs:annotation> <xs:documentation>Other wagon accessories</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TypeOfRequest**

diagram	 Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	TypeOfRequestCode		
properties	content	simple	
used by	elements	CapacityModelMessage ObjectInfoMessage PathCanceledMessage PathConfirmedMessage PathCoordinationMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PathSectionNotificationMessage ReceiptConfirmationMessage	
facets	Kind	Value	Annotation
	minInclusive	1	
	enumeration	1	documentation Study
	enumeration	2	documentation Request
	enumeration	3	documentation Modification
annotation	documentation Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)		
source	<pre> <xs:element name="TypeOfRequest" type="TypeOfRequestCode"> <xs:annotation> <xs:documentation>Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3) </xs:documentation> </xs:annotation> </xs:element> </pre>		

element **TypeOfRUHarmonization**

diagram	TypeOfRUHarmonization Type of RU harmonization: Full, Part, None.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	TypeOfRUHarmonizationCode
properties	content simple
used by	elements PathCoordinationMessage PathDetailsMessage PathRequestMessage PathSectionNotificationMessage
facets	Kind Value Annotation enumeration Full enumeration Part enumeration None
annotation	documentation Type of RU harmonization: Full, Part, None.
source	<pre><xs:element name="TypeOfRUHarmonization" type="TypeOfRUHarmonizationCode"> <xs:annotation> <xs:documentation>Type of RU harmonization: Full, Part, None.</xs:documentation> </xs:annotation> </xs:element></pre>

element **TypeofService**

diagram	TypeofService Information about the services available on a train. Used for publication towards the passenger SpecialServiceDescriptionCode 0..∞ Service on a Train according to TAP Code List B.4.716: type7161CodeList FacilityTypeDescriptionCode 0..∞ Facilities on a Train according to TAP Code List type9039CodeList CharacteristicDescriptionCode 0..∞ Characteristics on a Train according to TAP Code List B.4.7037: type7037CodeList
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	SpecialServiceDescriptionCode FacilityTypeDescriptionCode CharacteristicDescriptionCode
used by	elements TrainOrCoachGroupComposition/Unit/InternalVehicleFitting PlannedTrainData
annotation	documentation Information about the services available on a train. Used for publication towards the passenger

source	<pre> <xs:element name="TypeofService"> <xs:annotation> <xs:documentation>Information about the services available on a train. Used for publication towards the passenger</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <!-- references to tap codelists are here internal. This is the difference to the official ERA schema --> <xs:element ref="SpecialServiceDescriptionCode" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="FacilityTypeDescriptionCode" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="CharacteristicDescriptionCode" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TypeOfTreatment**

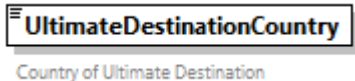
diagram	TypeOfTreatment Type of treatment
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	content simple
used by	element IntermediateHandling
facets	Kind Value Annotation totalDigits 2
annotation	documentation Type of treatment
source	<pre><xs:element name="TypeOfTreatment"> <xs:annotation> <xs:documentation>Type of treatment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **TypeOfUsedHybridPowerunit**

diagram	TypeOfUsedHybridPowerunit information about the type of power unit in case of using a hybrid locomotive															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:token															
properties	content simple															
used by	elements Locoldent TrainCompositionJourneySection/Locoldent TractionDetails UnitData															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>1</td><td>documentation electric (pantograph, conductor rail)</td></tr><tr><td>enumeration</td><td>2</td><td>documentation liquid fuel (benzine, diesel, gasoline)</td></tr><tr><td>enumeration</td><td>3</td><td>documentation battery</td></tr><tr><td>enumeration</td><td>4</td><td>documentation hydrogen</td></tr></tbody></table>	Kind	Value	Annotation	enumeration	1	documentation electric (pantograph, conductor rail)	enumeration	2	documentation liquid fuel (benzine, diesel, gasoline)	enumeration	3	documentation battery	enumeration	4	documentation hydrogen
Kind	Value	Annotation														
enumeration	1	documentation electric (pantograph, conductor rail)														
enumeration	2	documentation liquid fuel (benzine, diesel, gasoline)														
enumeration	3	documentation battery														
enumeration	4	documentation hydrogen														
annotation	documentation information about the type of power unit in case of using a hybrid locomotive															
source	<pre><xs:element name="TypeOfUsedHybridPowerunit"> <xs:annotation> <xs:documentation>information about the type of power unit in case of using a hybrid locomotive</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>electric (pantograph, conductor rail)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>liquid fuel (benzine, diesel, gasoline)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>battery</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>hydrogen</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>															

	<code></xs:element></code>

element **UltimateDestinationCountry**

diagram	 The diagram shows a box labeled UltimateDestinationCountry with a small icon to its left. Below the box, the text "Country of Ultimate Destination" is written.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	content simple									
used by	elements ILU_Details ITU_Details									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Country of Ultimate Destination									
source	<pre><xs:element name="UltimateDestinationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Country of Ultimate Destination</xs:documentation> </xs:annotation> </xs:element></pre>									

element **UN_Number**

diagram	UN_Number The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element SummaryOfGoodsWithSameRID									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>4</td><td></td></tr><tr><td>pattern</td><td>\d*[1-9]\d*</td><td></td></tr></table>	Kind	Value	Annotation	length	4		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	4									
pattern	\d*[1-9]\d*									
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY									

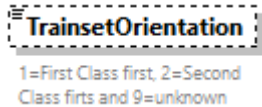
	RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .
source	<pre> <xs:element name="UN_Number"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **UnitCommercialData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainsetOrientation RetailServiceID CommercialNumberOfUnit CommercialTrafficType
used by	element UnitData
annotation	documentation Information used by the passenger to find its train or the vehicle in which he will travel
source	<pre> <xs:element name="UnitCommercialData"> <xs:annotation> <xs:documentation>Information used by the passenger to find its train or the vehicle in which he will travel</xs:documentation> </xs:annotation> </pre>

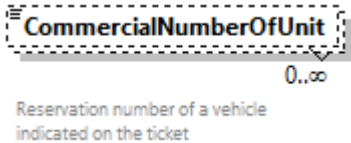
	<pre> <xs:complexType> <xs:sequence> <xs:element name="TrainsetOrientation" minOccurs="0"> <xs:annotation> <xs:documentation>1=First Class first, 2=Second Class firts and 9=unknown</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="RetailServiceID" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Train number written on the ticket</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CommercialNumberOfUnit" type="xs:string" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Reservation number of a vehicle indicated on the ticket</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="CommercialTrafficType" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **UnitCommercialData/TrainsetOrientation**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:integer												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>9</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	9	
Kind	Value	Annotation											
enumeration	1												
enumeration	2												
enumeration	9												
annotation	documentation 1=First Class first, 2=Second Class firts and 9=unknown												

source	<pre> <xs:element name="TrainsetOrientation" minOccurs="0"> <xs:annotation> <xs:documentation>1=First Class first, 2=Second Class firsts and 9=unknown</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **UnitCommercialData/CommercialNumberOfUnit**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	minOcc 0 maxOcc unbounded content simple
annotation	documentation Reservation number of a vehicle indicated on the ticket
source	<pre> <xs:element name="CommercialNumberOfUnit" type="xs:string" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Reservation number of a vehicle indicated on the ticket</xs:documentation> </xs:annotation> </xs:element> </pre>

element **UnitData**

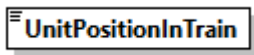
diagram



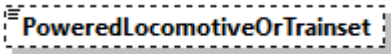
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	UnitPositionInTrain UnitIdentification TractionType TractionMode RegenerativeBrake PoweredLocomotiveOrTrainset TypeOfUsedHybridPowerunit DriverIndication KeeperShortName PassengerUnitRestriction ItineraryOfUnit InternalVehicleFacility CharacteristicDescriptionCode FacilityTypeDescriptionCode CommercialService SpecialServiceDescription InformationToBeDisplayed UnitCommercialData FreeTextField Parameters UnitTechnicalData
used by	element PassengerTrainCompositionJourneySection
annotation	documentation Relevant data for the units within a passenger train
source	<pre> <xs:element name="UnitData"> <xs:annotation> <xs:documentation>Relevant data for the units within a passenger train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="UnitPositionInTrain"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="UnitIdentification"/> <xs:element ref="TractionType" minOccurs="0"/> <xs:element ref="TractionMode" minOccurs="0"/> <!-- SMO CR 346 (Sector): Regenerative Brake --> <xs:element ref="RegenerativeBrake" minOccurs="0"/> <xs:element name="PoweredLocomotiveOrTrainset" type="xs:boolean" minOccurs="0"/> <!-- SMO CR 319 (Sector): adding of TypeOfUsedHybridPowerunit --> <xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/> <xs:element ref="DriverIndication" minOccurs="0"/> <xs:element name="KeeperShortName" type="xs:string" minOccurs="0"/> <xs:element ref="PassengerUnitRestriction" minOccurs="0"/> <xs:element ref="ItineraryOfUnit" minOccurs="0"/> <xs:element ref="InternalVehicleFacility" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="CharacteristicDescriptionCode" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="FacilityTypeDescriptionCode" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="CommercialService" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="SpecialServiceDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="InformationToBeDisplayed" type="InformationToBeDisplayedCode" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="UnitCommercialData" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </pre>

	<pre> <xs:element ref="Parameters" minOccurs="0" maxOccurs="unbounded"/> <!-- Sector schema CR: 219 --> <xs:element ref="UnitTechnicalData" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

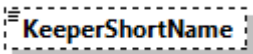
element **UnitData/UnitPositionInTrain**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
source	<pre><xs:element name="UnitPositionInTrain"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **UnitData/PoweredLocomotiveOrTrainset**

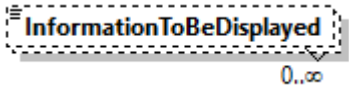
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	xs:boolean						
properties	<table> <tbody> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
source	<pre> <xs:element name="PoweredLocomotiveOrTrainset" type="xs:boolean" minOccurs="0"/> </pre>						

element **UnitData/KeeperShortName**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string

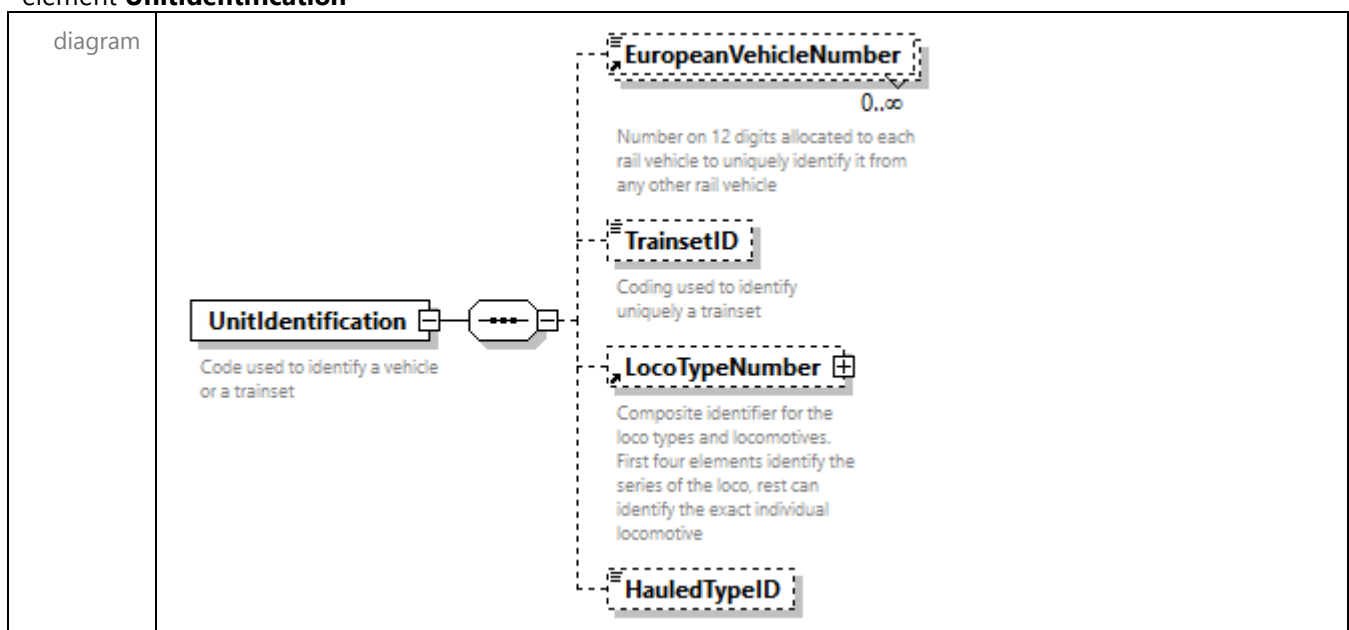
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="KeeperShortName" type="xs:string" minOccurs="0"/></code>

element **UnitData/InformationToBeDisplayed**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	InformationToBeDisplayedCode		
properties	minOcc 0 maxOcc unbounded content simple		
facets	Kind	Value	Annotation
	enumeration	01	documentation First-class seats vehicle
	enumeration	02	documentation First-class couchettes vehicle
	enumeration	03	documentation First-class sleepers vehicle
	enumeration	04	documentation Second-class seats vehicle
	enumeration	05	documentation Second-class couchettes vehicle
	enumeration	06	documentation Second-class sleepers vehicle
	enumeration	07	documentation Second-class reclining seats vehicle
	enumeration	08	documentation Panorama vehicle
	enumeration	09	documentation Dining vehicle
	enumeration	10	documentation Bar/Bistro vehicle
	enumeration	11	documentation Mobile dining service
	enumeration	12	documentation Cars loaded
	enumeration	13	documentation Cars loaded against direction of travel
	enumeration	14	documentation Cars loaded in direction of travel
	enumeration	15	documentation Non-smoking vehicle
	enumeration	16	documentation Vehicle with smoking compartments
	enumeration	17	documentation Vehicle with PRM access

	enumeration	18	documentation Silence vehicle
	enumeration	19	documentation Vehicle with child/family facilities
	enumeration	20	documentation Vehicle with compartments reserved for women
	enumeration	21	documentation Bike accepted
	enumeration	22	documentation Bike accepted for free
	enumeration	23	documentation Bike accepted against paiement
	enumeration	24	documentation Special vehicle
	enumeration	25	documentation Telephone
	enumeration	26	documentation Wifi
	enumeration	27	documentation Service vehicle
	enumeration	28	documentation Train staff available in this vehicle
	enumeration	29	documentation Not in service vehicle
	enumeration	30	documentation With supplement
	enumeration	31	documentation Reservation compulsory
source	<xs:element name="InformationToBeDisplayed" type="InformationToBeDisplayedCode" minOccurs="0" maxOccurs="unbounded"/>		

element **UnitIdentification**



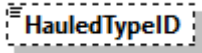
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	EuropeanVehicleNumber TrainsetID LocoTypeNumber HauledTypeID
used by	elements RollingStockRestrictionMessage UnitData
annotation	documentation Code used to identify a vehicle or a trainset
source	<pre> <xs:element name="UnitIdentification"> <xs:annotation> <xs:documentation>Code used to identify a vehicle or a trainset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="EuropeanVehicleNumber" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="TrainsetID" minOccurs="0"> <xs:annotation> <xs:documentation>Coding used to identify uniquely a trainset</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="12"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="LocoTypeNumber" minOccurs="0"/> <xs:element name="HauledTypeID" type="xs:string" minOccurs="0"/> <!-- Pending Task Force PTCPM: Define correctly the type --> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **UnitIdentification/TrainsetID**

diagram	TrainsetID Coding used to identify uniquely a trainset
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 12

annotation	documentation Coding used to identify uniquely a trainset
source	<pre> <xs:element name="TrainsetID" minOccurs="0"> <xs:annotation> <xs:documentation>Coding used to identify uniquely a trainset</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="12"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **UnitIdentification/HauledTypeID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
source	<pre> <xs:element name="HauledTypeID" type="xs:string" minOccurs="0"/> </pre>

element **UnitTechnicalData**

diagram

UnitTechnicalData

This element shows the unit relevant technical data for the rolling stock within a running train

WagonNumberOfAxes

Number of Axes for a wagon

WagonMaxSpeed

Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh

LengthOverBuffers

Length over buffers is expressed in cm.

WagonWeightEmpty

The weight of an empty wagon according to the entry in the rolling stock database

TotalLoadWeight

The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment

NormalLoadingGauge

All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273-2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, the Annex B.3 should be used.

ExceptionalGaugingProfile

Identification of special load. Profile No - UIC IRS 50596-6 Macro-profile No: UIC leaflet 502-2 (4AN + 3N)

ExceptionalGaugingIdent

Indicates that an exceptional Gauging is in the train or for the wagon

TypeOfHeating

Type of heating system in a passenger vehicle or trainset

HandBrakeType

Classification of hand brake according to IRS 90920-13: A.3.2

HandBrakeBrakedWeight

Coding in IRS 90920-13

ParkingBrakeForce

Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSKD message.

AirBrakeType

Classification of air brake.

BrakingPowerVariationDevice

Coding in IRS 90920-13: A.4.2.1 (Brake design)

AirBrakeSpecialCharacteristic

Special characteristic of an air brake system (e.g. two or more steps brake). Coding in IRS 90920-13: A.4.2.1 (Brake design)

CouplingType

Classification of coupling

BrakeUnit

0..∞

Brake Unit

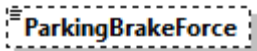
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonNumberOfAxles WagonMaxSpeed LengthOverBuffers WagonWeightEmpty TotalLoadWeight NormalLoadingGauge ExceptionalGaugingProfile ExceptionalGaugingIdent TypeOfHeating HandBrakeType HandBrakeBrakedWeight ParkingBrakeForce AirBrakeType BrakingPowerVariationDevice AirBrakeSpecialCharacteristic CouplingType BrakeUnit
used by	element UnitData
annotation	documentation This element shows the unit relevant technical data for the rolling stock within a running train
source	<pre> <xs:element name="UnitTechnicalData"> <xs:annotation> <xs:documentation>This element shows the unit relevant technical data for the rolling stock within a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberOfAxles" minOccurs="0"/> <xs:element ref="WagonMaxSpeed" minOccurs="0"/> <xs:element ref="LengthOverBuffers" minOccurs="0"/> <xs:element ref="WagonWeightEmpty" minOccurs="0"/> <xs:element ref="TotalLoadWeight" minOccurs="0"/> <xs:element ref="NormalLoadingGauge" minOccurs="0"/> <xs:element ref="ExceptionalGaugingProfile" minOccurs="0"/> <xs:element ref="ExceptionalGaugingIdent" minOccurs="0"/> <xs:element ref="TypeOfHeating" minOccurs="0"/> <xs:element ref="HandBrakeType" minOccurs="0"/> <xs:element name="HandBrakeBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in IRS 90920-13 </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="000"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ParkingBrakeForce" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AirBrakeType" minOccurs="0"/> </pre>

	<pre> <xs:element ref="BrakingPowerVariationDevice" minOccurs="0"/> <xs:element ref="AirBrakeSpecialCharacteristic" minOccurs="0"/> <xs:element ref="CouplingType" minOccurs="0"/> <xs:element ref="BrakeUnit" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **UnitTechnicalData/HandBrakeBrakedWeight**

diagram	HandBrakeBrakedWeight Coding in IRS 90920-13
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 000 maxInclusive 999
annotation	documentation Coding in IRS 90920-13
source	<pre><xs:element name="HandBrakeBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in IRS 90920-13 </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="000"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **UnitTechnicalData/ParkingBrakeForce**

diagram	 Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:decimal
properties	minOcc 0 maxOcc 1

	content	simple
used by	elements	Handbrake WagonTechData
facets	Kind	Value Annotation
	totalDigits	5
	fractionDigits	1
annotation	documentation	Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.
source	<pre><xs:element name="ParkingBrakeForce" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>	

element **UpdateLinkMessage**

diagram	UpdateLinkMessage Message used primarily for indication and update of the relation between business object train and path MessageHeader Used for all messages MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion AdministrativeContactInforma... Used to define administrative contact information Operation 1..∞ There are three operations possible: - break the link - establish the link - information (report) about the link One has to indicate the identifiers of the objects that are affected with this operation. Additionally, the procedure that follows the operation can be indicated too. Parameters 0..∞ Classic method of carrying the parameters specific to the agreement between the partners: name and value pairs. FreeTextField 0..∞ Free Text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader MessageStatus AdministrativeContactInformation Operation Parameters FreeTextField
annotation	documentation Message used primarily for indication and update of the relation between business object train and path
source	<pre><xs:element name="UpdateLinkMessage"> <xs:annotation> <xs:documentation>Message used primarily for indication and update of the relation between business object train and path</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> </pre>

```

<xs:element ref="MessageStatus"/>
<xs:element ref="AdministrativeContactInformation"/>
<xs:element name="Operation" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>There are three operations possible:
    - break the link
    - establish the link
    - information (report) about the link

    One has to indicate the identifiers of the objects that are affected with this
    operation. Additionally, the procedure that follows the operation can be indicated
    too.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Identifiers" maxOccurs="2"/>
      <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/>
      <xs:element name="Action" minOccurs="0">
        <xs:annotation>
          <xs:documentation>One of the attribute value has to be chosen:
          TS = Train Shifting
          TC = Train Cancellation
          COT = Change Of Train
          LR = Link Report</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:attribute name="Type" use="required">
            <xs:annotation>
              <xs:documentation>TS = Train Shifting
              TC = Train Cancellation
              COT = Change Of Train
              LR = Link Report</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:enumeration value="TS"/>
                <xs:enumeration value="TC"/>
                <xs:enumeration value="COT"/>
                <xs:enumeration value="LR"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>
        </xs:complexType>
      </xs:element>
      <xs:element name="Status" minOccurs="0">
        <xs:annotation>
          <xs:documentation>One can choose between the following statuses:
          P = proposed
          R = requested
          C = confirmed
          LNC = link not confirmed
          LR = Link refused
          E = exists
          These serve for covering the cases where Update Link request confirmation might be
          needed.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

</xs:annotation>
<xs:complexType>
  <xs:attribute name="Type" use="required">
    <xs:annotation>
      <xs:documentation>P = proposed
R = requested
C = confirmed
LNC = link not confirmed
LR = Link refused
E = exists</xs:documentation>
    </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="P"/>
      <xs:enumeration value="R"/>
      <xs:enumeration value="C"/>
      <xs:enumeration value="LNC"/>
      <xs:enumeration value="LR"/>
      <xs:enumeration value="E"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="Procedure" minOccurs="0">
  <xs:annotation>
    <xs:documentation>NP = New Path
EP = Existing Path
PK = Path Kept
PNK = Path Not Kept
TC = Train Cancelled
TNC = Train Not Cancelled
  </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="NP"/>
      <xs:enumeration value="EP"/>
      <xs:enumeration value="PK"/>
      <xs:enumeration value="PNK"/>
      <xs:enumeration value="TC"/>
      <xs:enumeration value="TNC"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="TrainInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Train Information provided by the RUs as an
overview for the whole train journey from origin to destination</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="PathInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Information provided by the RU for a requested
journey section or by the IM for an offered/booked of the Path

```

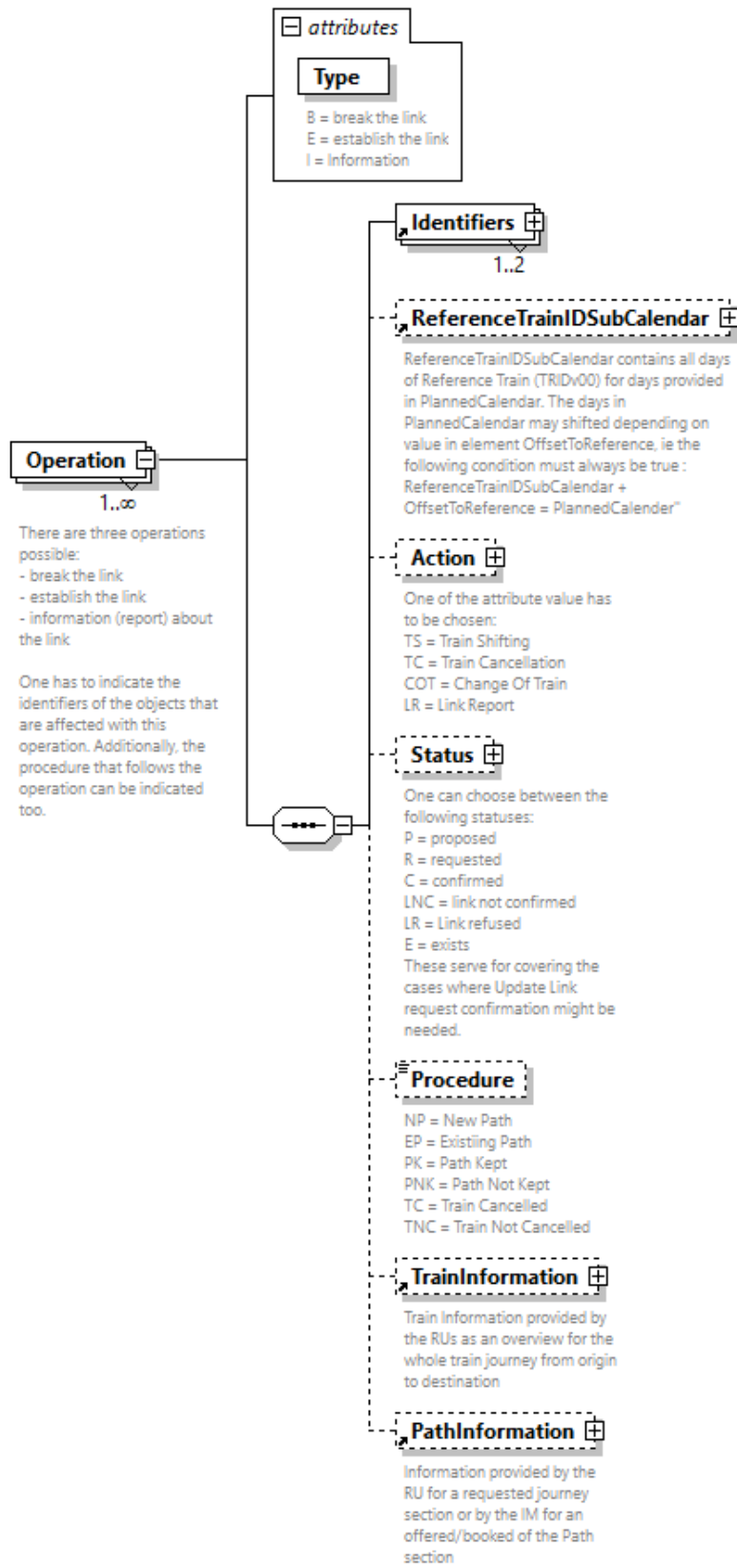
```

section</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
<xs:attribute name="Type" use="required">
    <xs:annotation>
        <xs:documentation>B = break the link
E = establish the link
I = Information</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:enumeration value="B"/>
            <xs:enumeration value="E"/>
            <xs:enumeration value="I"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element ref="Parameters" minOccurs="0" maxOccurs="unbounded"/>
<xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **UpdateLinkMessage/Operation**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
properties	minOcc 1 maxOcc unbounded content complex					
children	Identifiers ReferenceTrainIDSubCalendar Action Status Procedure TrainInformation PathInformation					
attributes	Name Type	Type derived by: xs:string	Use required	Default	Fixed	Annotation documentation B = break the link E = establish the link I = Information
annotation	documentation There are three operations possible: - break the link - establish the link - information (report) about the link One has to indicate the identifiers of the objects that are affected with this operation. Additionally, the procedure that follows the operation can be indicated too.					
source	<pre> <xs:element name="Operation" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>There are three operations possible: - break the link - establish the link - information (report) about the link One has to indicate the identifiers of the objects that are affected with this operation. Additionally, the procedure that follows the operation can be indicated too.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Identifiers" maxOccurs="2"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element name="Action" minOccurs="0"> <xs:annotation> <xs:documentation>One of the attribute value has to be chosen: TS = Train Shifting TC = Train Cancellation COT = Change Of Train LR = Link Report</xs:documentation> </xs:annotation> <xs:complexType> <xs:attribute name="Type" use="required"> <xs:annotation> <xs:documentation>TS = Train Shifting TC = Train Cancellation COT = Change Of Train LR = Link Report</xs:documentation> </xs:annotation> <xs:simpleType> </pre>					


```

        <xs:restriction base="xs:string">
            <xs:enumeration value="TS"/>
            <xs:enumeration value="TC"/>
            <xs:enumeration value="COT"/>
            <xs:enumeration value="LR"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="Status" minOccurs="0">
    <xs:annotation>
        <xs:documentation>One can choose between the following statuses:
P = proposed
R = requested
C = confirmed
LNC = link not confirmed
LR = Link refused
E = exists
These serve for covering the cases where Update Link request confirmation might be
needed.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute name="Type" use="required">
            <xs:annotation>
                <xs:documentation>P = proposed
R = requested
C = confirmed
LNC = link not confirmed
LR = Link refused
E = exists</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:enumeration value="P"/>
                    <xs:enumeration value="R"/>
                    <xs:enumeration value="C"/>
                    <xs:enumeration value="LNC"/>
                    <xs:enumeration value="LR"/>
                    <xs:enumeration value="E"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>
<xs:element name="Procedure" minOccurs="0">
    <xs:annotation>
        <xs:documentation>NP = New Path
EP = Existing Path
PK = Path Kept
PNK = Path Not Kept
TC = Train Cancelled
TNC = Train Not Cancelled
    </xs:documentation>
    </xs:annotation>

```

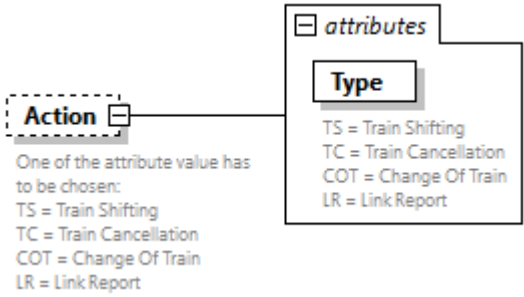
	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="NP"/> <xs:enumeration value="EP"/> <xs:enumeration value="PK"/> <xs:enumeration value="PNK"/> <xs:enumeration value="TC"/> <xs:enumeration value="TNC"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Train Information provided by the RUs as an overview for the whole train journey from origin to destination</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="PathInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Information provided by the RU for a requested journey section or by the IM for an offered/booked of the Path section</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> <xs:attribute name="Type" use="required"> <xs:annotation> <xs:documentation>B = break the link E = establish the link I = Information</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="B"/> <xs:enumeration value="E"/> <xs:enumeration value="I"/> </xs:restriction> </xs:simpleType> </xs:attribute> </xs:complexType> </xs:element> </pre>

attribute **UpdateLinkMessage/Operation/@Type**

type	restriction of xs:string		
properties	use	required	
facets	Kind	Value	Annotation
	enumeration	B	
	enumeration	E	
	enumeration	I	
annotation	documentation B = break the link E = establish the link		

	I = Information
source	<pre> <xs:attribute name="Type" use="required"> <xs:annotation> <xs:documentation>B = break the link E = establish the link I = Information</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="B"/> <xs:enumeration value="E"/> <xs:enumeration value="I"/> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>

element **UpdateLinkMessage/Operation/Action**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
properties	minOcc 0 maxOcc 1 content complex					
attributes	Name Type	Type derived by: xs:string	Use required	Default	Fixed	Annotation documentation TS = Train Shifting TC = Train Cancellation COT = Change Of Train LR = Link Report
annotation	documentation One of the attribute value has to be chosen: TS = Train Shifting TC = Train Cancellation COT = Change Of Train LR = Link Report					
source	<pre> <xs:element name="Action" minOccurs="0"> <xs:annotation> <xs:documentation>One of the attribute value has to be chosen: </pre>					

	TS = Train Shifting TC = Train Cancellation COT = Change Of Train LR = Link Report</xs:documentation> </xs:annotation> <xs:complexType> <xs:attribute name="Type" use="required"> <xs:annotation> <xs:documentation>TS = Train Shifting TC = Train Cancellation COT = Change Of Train LR = Link Report</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="TS"/> <xs:enumeration value="TC"/> <xs:enumeration value="COT"/> <xs:enumeration value="LR"/> </xs:restriction> </xs:simpleType> </xs:attribute> </xs:complexType> </xs:element>

attribute **UpdateLinkMessage/Operation/Action/@Type**

type	restriction of xs:string															
properties	use required															
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>TS</td><td></td></tr><tr><td>enumeration</td><td>TC</td><td></td></tr><tr><td>enumeration</td><td>COT</td><td></td></tr><tr><td>enumeration</td><td>LR</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	TS		enumeration	TC		enumeration	COT		enumeration	LR	
Kind	Value	Annotation														
enumeration	TS															
enumeration	TC															
enumeration	COT															
enumeration	LR															
annotation	documentation TS = Train Shifting TC = Train Cancellation COT = Change Of Train LR = Link Report															
source	<pre><xs:attribute name="Type" use="required"> <xs:annotation> <xs:documentation>TS = Train Shifting TC = Train Cancellation COT = Change Of Train LR = Link Report</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="TS"/> <xs:enumeration value="TC"/> <xs:enumeration value="COT"/> </xs:restriction> </xs:simpleType> </xs:attribute></pre>															

	<pre> <xs:enumeration value="LR"/> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>

element **UpdateLinkMessage/Operation/Status**

diagram	One can choose between the following statuses: P = proposed R = requested C = confirmed LNC = link not confirmed LR = Link refused E = exists These serve for covering the cases where Update Link request confirmation might be needed.					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
properties	minOcc	0	maxOcc	1	content	complex
attributes	Name Type	Type derived by: xs:string	Use required	Default	Fixed	Annotation documentation P = proposed R = requested C = confirmed LNC = link not confirmed LR = Link refused E = exists
annotation	documentation One can choose between the following statuses: P = proposed R = requested C = confirmed LNC = link not confirmed LR = Link refused E = exists These serve for covering the cases where Update Link request confirmation might be needed.					
source	<pre> <xs:element name="Status" minOccurs="0"> <xs:annotation> <xs:documentation>One can choose between the following statuses: P = proposed R = requested C = confirmed </pre>					

	LNC = link not confirmed LR = Link refused E = exists These serve for covering the cases where Update Link request confirmation might be needed.</xs:documentation> </xs:annotation> <xs:complexType> <xs:attribute name="Type" use="required"> <xs:annotation> <xs:documentation>P = proposed R = requested C = confirmed LNC = link not confirmed LR = Link refused E = exists</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="P"/> <xs:enumeration value="R"/> <xs:enumeration value="C"/> <xs:enumeration value="LNC"/> <xs:enumeration value="LR"/> <xs:enumeration value="E"/> </xs:restriction> </xs:simpleType> </xs:attribute> </xs:complexType> </xs:element>

attribute **UpdateLinkMessage/Operation/Status/@Type**

attribute xs:string , operation, status, & type			
type	restriction of xs:string		
properties	use required		
facets	Kind	Value	Annotation
	enumeration	P	
	enumeration	R	
	enumeration	C	
	enumeration	LNC	
	enumeration	LR	
	enumeration	E	
annotation	documentation P = proposed R = requested C = confirmed LNC = link not confirmed LR = Link refused E = exists		
source	<xs:attribute name="Type" use="required"> <xs:annotation> <xs:documentation>P = proposed		

	R = requested C = confirmed LNC = link not confirmed LR = Link refused E = exists</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="P"/> <xs:enumeration value="R"/> <xs:enumeration value="C"/> <xs:enumeration value="LNC"/> <xs:enumeration value="LR"/> <xs:enumeration value="E"/> </xs:restriction> </xs:simpleType> </xs:attribute>

element **UpdateLinkMessage/Operation/Procedure**

diagram	Procedure NP = New Path EP = Existing Path PK = Path Kept PNK = Path Not Kept TC = Train Cancelled TNC = Train Not Cancelled																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																					
type	restriction of xs:string																					
properties	minOcc 0 maxOcc 1 content simple																					
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>NP</td><td></td></tr><tr><td>enumeration</td><td>EP</td><td></td></tr><tr><td>enumeration</td><td>PK</td><td></td></tr><tr><td>enumeration</td><td>PNK</td><td></td></tr><tr><td>enumeration</td><td>TC</td><td></td></tr><tr><td>enumeration</td><td>TNC</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	NP		enumeration	EP		enumeration	PK		enumeration	PNK		enumeration	TC		enumeration	TNC	
Kind	Value	Annotation																				
enumeration	NP																					
enumeration	EP																					
enumeration	PK																					
enumeration	PNK																					
enumeration	TC																					
enumeration	TNC																					
annotation	documentation NP = New Path EP = Existing Path PK = Path Kept PNK = Path Not Kept TC = Train Cancelled TNC = Train Not Cancelled																					
source	<xs:element name="Procedure" minOccurs="0"> <xs:annotation>																					

	<pre> <xs:documentation>NP = New Path EP = Existing Path PK = Path Kept PNK = Path Not Kept TC = Train Cancelled TNC = Train Not Cancelled </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="NP"/> <xs:enumeration value="EP"/> <xs:enumeration value="PK"/> <xs:enumeration value="PNK"/> <xs:enumeration value="TC"/> <xs:enumeration value="TNC"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **UserRU**

diagram	UserRU Identifies uniquely the RU who has operated the wagon or is in custody of the wagon.												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	element WagonPerformanceMessage/PerformanceData												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td colspan="2">[0-9A-Z]{4}</td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Identifies uniquely the RU who has operated the wagon or is in custody of the wagon.												
source	<pre><xs:element name="UserRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Identifies uniquely the RU who has operated the wagon or is in custody of the wagon.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ValidityPeriodType
properties	content complex
children	StartDateTime EndDateTime
used by	elements LocationFileDatasetMessage PlannedCalendar ReferenceTrainIDSubCalendar RequestedCalendar complexType TCRTimeType
source	<code><xs:element name="ValidityPeriod" type="ValidityPeriodType"/></code>

element **Value**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:decimal												
properties	content simple												
used by	elements Height Length Width												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>9999999999</td><td></td></tr><tr><td>fractionDigits</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	9999999999		fractionDigits	1	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	9999999999												
fractionDigits	1												
source	<pre><xs:element name="Value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:fractionDigits value="1"/> <xs:maxInclusive value="9999999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **Variant**

diagram	Variant The variant shows a relationship between two identifiers referring to the same business case												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	content simple												
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{2}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	2		pattern	[0-9A-Z]{2}	
Kind	Value	Annotation											
minLength	2												
maxLength	2												
pattern	[0-9A-Z]{2}												
annotation	documentation The variant shows a relationship between two identifiers referring to the same business case												
source	<pre><xs:element name="Variant"> <xs:annotation> <xs:documentation>The variant shows a relationship between two identifiers referring to the same business case</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="2"/> <xs:pattern value="[0-9A-Z]{2}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **VehicleKeeperMarking**

diagram	VehicleKeeperMarking Vehicle keeper marking
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
used by	element WagonDataHERMES/WagonTechDataHERMES
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Vehicle keeper marking

source	<pre> <xs:element name="VehicleKeeperMarking"> <xs:annotation> <xs:documentation>Vehicle keeper marking</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

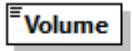
element **VesselIndication**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	VesselName ClosingTime
used by	element Ship
annotation	documentation This element identifies to which extent the transportation unit is used
source	<pre> <xs:element name="VesselIndication"> <xs:annotation> <xs:documentation>This element identifies to which extent the transportation unit is used</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="VesselName"/> <xs:element ref="ClosingTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **VesselName**

diagram	VesselName This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	Name						
properties	content simple						
used by	element VesselIndication						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>254</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	254	
Kind	Value	Annotation					
maxLength	254						
annotation	documentation This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea						
source	<pre><xs:element name="VesselName" type="Name"> <xs:annotation> <xs:documentation>This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</xs:documentation> </xs:annotation> </xs:element></pre>						

element **Volume**

diagram	 Identifies the volume of a shipment, expressed in cubic metres
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	VolumeValue
properties	content simple
annotation	documentation Identifies the volume of a shipment, expressed in cubic metres
source	<pre><xs:element name="Volume" type="VolumeValue"> <xs:annotation> <xs:documentation>Identifies the volume of a shipment, expressed in cubic metres</xs:documentation> </xs:annotation> </xs:element></pre>

element **VolumeSpecification**

diagram	The diagram shows the VolumeSpecification element as a complex type. It contains two child elements: BoxCapacity (Loading capacity in m³) and TankCapacity (Loading capacity in liter). The VolumeSpecification element is described as 'Effective loading capacity'.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	BoxCapacity TankCapacity
used by	element WagonDataHERMES/WagonTechDataHERMES
annotation	documentation Effective loading capacity
source	<pre> <xs:element name="VolumeSpecification"> <xs:annotation> <xs:documentation>Effective loading capacity</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BoxCapacity" minOccurs="0"/> <xs:element ref="TankCapacity" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonAtDeparture**

diagram	The diagram shows the WagonAtDeparture element as a complex type. It contains two child elements: Location (Identifies a Location using a LocationIdent) and DepartureTimeAtLocation (the scheduled departure date and time at a defined location). The WagonAtDeparture element is described as 'Departure point of a wagon with location and departure time'.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location DepartureTimeAtLocation
annotation	documentation Departure point of a wagon with location and departure time
source	<pre> <xs:element name="WagonAtDeparture"> <xs:annotation> <xs:documentation>Departure point of a wagon with location and departure time</xs:documentation> </xs:annotation> <xs:complexType> </pre>

	<pre> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonNumberFreight WagonTrainPosition WagonOperationalData WagonTechData IntermodalTransportData NetworkSpecificParameter
used by	element TrainCompositionJourneySection
annotation	documentation Wagon relevant data for the wagons within a running train
source	<pre> <xs:element name="WagonData"> <xs:annotation> </pre>

	<pre> <xs:documentation>Wagon relevant data for the wagons within a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="WagonTrainPosition"/> <xs:element ref="WagonOperationalData"/> <xs:element ref="WagonTechData"/> <xs:element name="IntermodalTransportData" type="IntermodalTransportDataType" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonData/IntermodalTransportData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	IntermodalTransportDataType
properties	minOcc 0 maxOcc unbounded content complex
children	TypeOfLoadUnit LoadUnitNumber DangerousGoodsIndication
source	<pre> <xs:element name="IntermodalTransportData" type="IntermodalTransportDataType" minOccurs="0" maxOccurs="unbounded"/> </pre>

element **WagonDataHERMES**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonTechDataHERMES DamageWagonData Consignmentdata MarshallingRoutingInfo WagonLoad LoadingSpecial NetworkSpecificParameter ActualOperationalWagonData
used by	element TrainCompositionHermesCompatibleMessage
annotation	documentation Wagon list (A-Z)
source	<pre> <xs:element name="WagonDataHERMES"> <xs:annotation> <xs:documentation>Wagon list (A-Z)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="WagonTechDataHERMES"> <xs:annotation> <xs:documentation>Technical wagon data (marked on the wagon)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


```

<xs:element ref="WagonTrainPosition"/>
<xs:element ref="WagonNumberOfAxles"/>
<xs:element ref="MaxSpeedTypeSpecific"/>
<xs:element ref="LengthOverBuffers"/>
<xs:element ref="WagonWeightEmpty"/>
<xs:element ref="TechnicalRestrictions" minOccurs="0"
maxOccurs="9"/>
<xs:element ref="Handbrake" minOccurs="0"/>
<xs:element ref="AirBrake" minOccurs="0"/>
<xs:element ref="CouplingType" minOccurs="0"/>
<xs:element ref="LoadingHeight" minOccurs="0"/>
<xs:element ref="MinimumCurveRadius" minOccurs="0"/>
<xs:element ref="MinimumVerticalRadiusAtYardHumps" minOccurs="0"/>
<xs:element ref="NumberOfBogies"/>
<xs:element ref="BogiePivotPitch" minOccurs="0"/>
<xs:element ref="BogiePitch"/>
<xs:element ref="InnerWheelbase"/>
<xs:element ref="VehicleKeeperMarking" minOccurs="0"/>
<xs:element ref="EffectiveLoadingLength" minOccurs="0"/>
<xs:element ref="EffectiveLoadingArea" minOccurs="0"/>
<xs:element ref="VolumeSpecification" minOccurs="0"/>
<xs:element ref="TableOfLoadLimits"/>
<xs:element ref="ListOfCountriesOnAgreementGrid" minOccurs="0"
maxOccurs="99"/>
<xs:element ref="RemovableAccessoriesAndSpecialEquipmentOnWagons"
minOccurs="0" maxOccurs="20"/>
<xs:element ref="Overhaul" minOccurs="0"/>
<xs:element ref="Interoperability_LoadingGauge" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DamageWagonData" minOccurs="0">
<xs:annotation>
<xs:documentation>Damage wagon data</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element ref="DamageLabel_Code" minOccurs="0" maxOccurs="5"/>
<xs:element ref="DamageCode_AffectedElement" minOccurs="0"
maxOccurs="9"/>
<xs:element ref="SpeedRestrictionDueToDamage" minOccurs="0"/>
<xs:element ref="RestrictionDueToDamage" minOccurs="0"
maxOccurs="7"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Consignmentdata">
<xs:annotation>
<xs:documentation>Consignmentdata CIM|CUV</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element name="OperationalOriginOfWagon" minOccurs="0">
<xs:annotation>
<xs:documentation>Operational origin of wagon</xs:documentation>

```

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</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="CountryCodeISO"/>
    <xs:element ref="LocationPrimaryCode"/>
    <xs:element ref="PrimaryLocationName" minOccurs="0"/>
    <xs:element name="OriginRU" type="CompanyCode" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CommercialForwardingData" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Commercial forwarding data</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CountryCodeISO"/>
      <xs:element ref="LocationPrimaryCode"/>
      <xs:element ref="PrimaryLocationName" minOccurs="0"/>
      <xs:element name="SubsidiaryLocationType" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Subsidiary location
type</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:short">
            <xs:enumeration value="42"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="SubsidiaryLocationCode" minOccurs="0"/>
      <xs:element ref="AllocationCompany" minOccurs="0"/>
      <xs:element ref="LocationSubsidiaryName" minOccurs="0"/>
      <xs:element name="ConsignmentNoteRU" type="CompanyCode"
minOccurs="0"/>
      <xs:element ref="DispatchNumber" minOccurs="0"/>
      <xs:element ref="DispatchDate" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ConsigneeInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional Information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="LocationOfTransportDocuments" minOccurs="0"/>
      <xs:element ref="XrailBokkingRecordID" minOccurs="0"/>
      <xs:element ref="ConsignorClientCode" minOccurs="0"/>
      <xs:element ref="ConsignorClientName" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="OperationalDestinationOfWagon"/>
<xs:element ref="CommercialDestinationOfWagon" minOccurs="0"/>

```

```

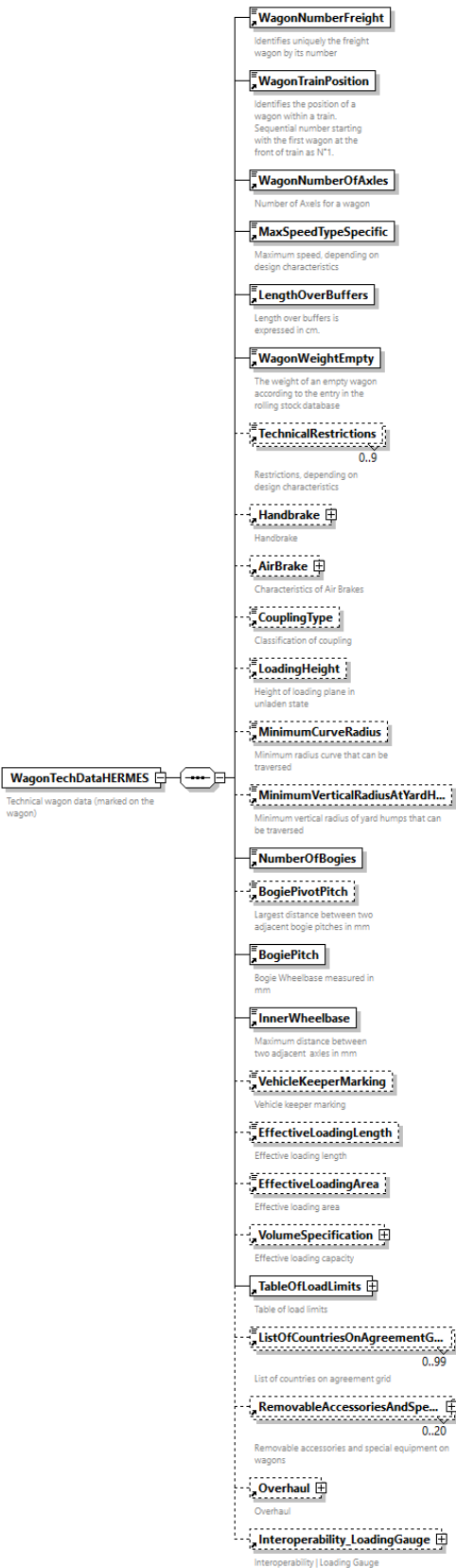
<xs:element name="ListOfInterchangeOrBorderCrossingPoints"
minOccurs="0" maxOccurs="20">
  <xs:annotation>
    <xs:documentation>List of interchange or border crossing
points</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="TypeOfInterchangeOrBorderCrossingPoint"/>
      <xs:element name="TransferorRU" type="CompanyCode"
minOccurs="0"/>
      <xs:element name="TransfereeRU" type="CompanyCode"
minOccurs="0"/>
      <xs:choice>
        <xs:element ref="BorderPoint"/>
        <xs:element ref="SpecialInterchangeLocation"/>
      </xs:choice>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="MarshallingRoutingInfo" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="FollowingResponsibleRU" type="CompanyCode"
minOccurs="0"/>
      <xs:element name="FollowingTrain" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="OperationalTrainNumber"/>
            <xs:element name="Day" type="xs:date"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="FollowingHandingOverStation" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="CountryCodeISO"/>
            <xs:element ref="LocationPrimaryCode"/>
            <xs:element ref="PrimaryLocationName" minOccurs="0"/>
            <xs:element ref="SubsidiaryLocationType" minOccurs="0"/>
            <xs:element ref="SubsidiaryLocationCode" minOccurs="0"/>
            <xs:element ref="AllocationCompany" minOccurs="0"/>
            <xs:element ref="LocationSubsidiaryName" minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="WagonLoad"/>
<xs:element ref="LoadingSpecial" minOccurs="0"/>
<xs:element ref="NetworkSpecificParameter" minOccurs="0"

```

	<pre>maxOccurs="unbounded"/> <xs:element ref="ActualOperationalWagonData"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonDataHERMES/WagonTechDataHERMES**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonNumberFreight WagonTrainPosition WagonNumberOfAxles MaxSpeedTypeSpecific LengthOverBuffers WagonWeightEmpty TechnicalRestrictions Handbrake AirBrake CouplingType LoadingHeight MinimumCurveRadius MinimumVerticalRadiusAtYardHumps NumberOfBogies BogiePivotPitch BogiePitch InnerWheelbase VehicleKeeperMarking EffectiveLoadingLength EffectiveLoadingArea VolumeSpecification TableOfLoadLimits ListOfCountriesOnAgreementGrid RemovableAccessoriesAndSpecialEquipmentOnWagons Overhaul Interoperability LoadingGauge
annotation	documentation Technical wagon data (marked on the wagon)
source	<pre> <xs:element name="WagonTechDataHERMES"> <xs:annotation> <xs:documentation>Technical wagon data (marked on the wagon)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="WagonTrainPosition"/> <xs:element ref="WagonNumberOfAxles"/> <xs:element ref="MaxSpeedTypeSpecific"/> <xs:element ref="LengthOverBuffers"/> <xs:element ref="WagonWeightEmpty"/> <xs:element ref="TechnicalRestrictions" minOccurs="0" maxOccurs="9"/> <xs:element ref="Handbrake" minOccurs="0"/> <xs:element ref="AirBrake" minOccurs="0"/> <xs:element ref="CouplingType" minOccurs="0"/> <xs:element ref="LoadingHeight" minOccurs="0"/> <xs:element ref="MinimumCurveRadius" minOccurs="0"/> <xs:element ref="MinimumVerticalRadiusAtYardHumps" minOccurs="0"/> <xs:element ref="NumberOfBogies"/> <xs:element ref="BogiePivotPitch" minOccurs="0"/> <xs:element ref="BogiePitch"/> <xs:element ref="InnerWheelbase"/> <xs:element ref="VehicleKeeperMarking" minOccurs="0"/> <xs:element ref="EffectiveLoadingLength" minOccurs="0"/> <xs:element ref="EffectiveLoadingArea" minOccurs="0"/> <xs:element ref="VolumeSpecification" minOccurs="0"/> <xs:element ref="TableOfLoadLimits"/> <xs:element ref="ListOfCountriesOnAgreementGrid" minOccurs="0" maxOccurs="99"/> <xs:element ref="RemovableAccessoriesAndSpecialEquipmentOnWagons" minOccurs="0" maxOccurs="20"/> <xs:element ref="Overhaul" minOccurs="0"/> <xs:element ref="Interoperability_LoadingGauge" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonDataHERMES/DamageWagonData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	DamageLabel_Code DamageCode_AffectedElement SpeedRestrictionDueToDamage RestrictionDueToDamage
annotation	documentation Damage wagon data
source	<pre> <xs:element name="DamageWagonData" minOccurs="0"> <xs:annotation> <xs:documentation>Damage wagon data</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="DamageLabel_Code" minOccurs="0" maxOccurs="5"/> <xs:element ref="DamageCode_AffectedElement" minOccurs="0" maxOccurs="9"/> <xs:element ref="SpeedRestrictionDueToDamage" minOccurs="0"/> <xs:element ref="RestrictionDueToDamage" minOccurs="0" maxOccurs="7"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonDataHERMES/Consignmentdata**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	OperationalOriginOfWagon CommercialForwardingData ConsigneeInformation OperationalDestinationOfWagon CommercialDestinationOfWagon ListOfInterchangeOrBorderCrossingPoints
annotation	documentation Consignmentdata CIM CUV
source	<pre> <xs:element name="Consignmentdata"> <xs:annotation> <xs:documentation>Consignmentdata CIM CUV</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="OperationalOriginOfWagon" minOccurs="0"> <xs:annotation> <xs:documentation>Operational origin of wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element name="OriginRU" type="CompanyCode" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="CommercialForwardingData" minOccurs="0"> <xs:annotation> <xs:documentation>Commercial forwarding data</xs:documentation> </xs:annotation> </pre>


```

<xs:complexType>
  <xs:sequence>
    <xs:element ref="CountryCodeISO"/>
    <xs:element ref="LocationPrimaryCode"/>
    <xs:element ref="PrimaryLocationName" minOccurs="0"/>
    <xs:element name="SubsidiaryLocationType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Subsidiary location type</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:short">
          <xs:enumeration value="42"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="SubsidiaryLocationCode" minOccurs="0"/>
    <xs:element ref="AllocationCompany" minOccurs="0"/>
    <xs:element ref="LocationSubsidiaryName" minOccurs="0"/>
    <xs:element name="ConsignmentNoteRU" type="CompanyCode"
minOccurs="0"/>
    <xs:element ref="DispatchNumber" minOccurs="0"/>
    <xs:element ref="DispatchDate" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ConsigneeInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional Information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="LocationOfTransportDocuments" minOccurs="0"/>
      <xs:element ref="XrailBokkingRecordID" minOccurs="0"/>
      <xs:element ref="ConsignorClientCode" minOccurs="0"/>
      <xs:element ref="ConsignorClientName" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="OperationalDestinationOfWagon"/>
<xs:element ref="CommercialDestinationOfWagon" minOccurs="0"/>
<xs:element name="ListOfInterchangeOrBorderCrossingPoints" minOccurs="0"
maxOccurs="20">
  <xs:annotation>
    <xs:documentation>List of interchange or border crossing
points</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="TypeOfInterchangeOrBorderCrossingPoint"/>
      <xs:element name="TransferorRU" type="CompanyCode" minOccurs="0"/>
      <xs:element name="TransfereeRU" type="CompanyCode" minOccurs="0"/>
      <xs:choice>
        <xs:element ref="BorderPoint"/>
        <xs:element ref="SpecialInterchangeLocation"/>
      </xs:choice>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

	<pre> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonDataHERMES/Consignmentdata/OperationalOriginOfWagon**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName OriginRU
annotation	documentation Operational origin of wagon
source	<pre> <xs:element name="OperationalOriginOfWagon" minOccurs="0"> <xs:annotation> <xs:documentation>Operational origin of wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element name="OriginRU" type="CompanyCode" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonDataHERMES/Consignmentdata/OperationalOriginOfWagon/OriginRU**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

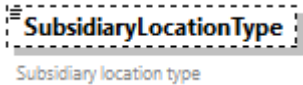
type	CompanyCode		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
source	<xs:element name="OriginRU" type="CompanyCode" minOccurs="0"/>		

element **WagonDataHERMES/Consignmentdata/CommercialForwardingData**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
properties	minOcc	0	
	maxOcc	1	

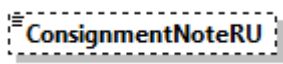
	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName SubsidiaryLocationType SubsidiaryLocationCode AllocationCompany LocationSubsidiaryName ConsignmentNoteRU DispatchNumber DispatchDate
annotation	documentation Commercial forwarding data
source	<pre> <xs:element name="CommercialForwardingData" minOccurs="0"> <xs:annotation> <xs:documentation>Commercial forwarding data</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element name="SubsidiaryLocationType" minOccurs="0"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="42"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="SubsidiaryLocationCode" minOccurs="0"/> <xs:element ref="AllocationCompany" minOccurs="0"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> <xs:element name="ConsignmentNoteRU" type="CompanyCode" minOccurs="0"/> <xs:element ref="DispatchNumber" minOccurs="0"/> <xs:element ref="DispatchDate" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonDataHERMES/Consignmentdata/CommercialForwardingData/SubsidiaryLocationType**

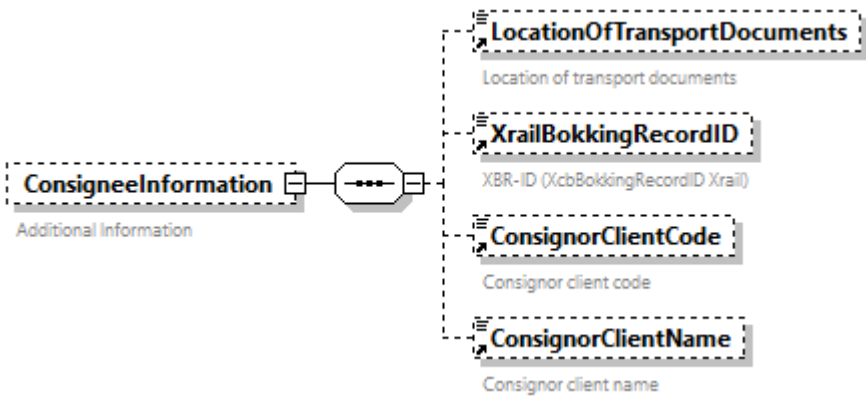
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	minOcc 0 maxOcc 1 content simple
used by	elements CustomsClearingPoint WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation IntermediateHandling
facets	Kind Value Annotation enumeration 42

annotation	documentation Subsidiary location type
source	<pre> <xs:element name="SubsidiaryLocationType" minOccurs="0"> <xs:annotation> <xs:documentation>Subsidiary location type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="42"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **WagonDataHERMES/Consignmentdata/CommercialForwardingData/ConsignmentNoteRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	minOcc0 maxOcc1 contentsimple												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
source	<xs:element name="ConsignmentNoteRU" type="CompanyCode" minOccurs="0"/>												

element **WagonDataHERMES/Consignmentdata/ConsigneeInformation**

diagram	 A diagram showing the structure of the ConsigneeInformation element. It consists of a dashed box labeled "ConsigneeInformation" with the text "Additional Information" below it. This box is connected to a complex container (a rectangle with a circle and three dots inside) which is then connected to four separate dashed boxes stacked vertically: "LocationOfTransportDocuments" (with text "Location of transport documents" below it), "XrailBokkingRecordID" (with text "XBR-ID (XcbBokkingRecordID Xrail)" below it), "ConsignorClientCode" (with text "Consignor client code" below it), and "ConsignorClientName" (with text "Consignor client name" below it).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex

children	LocationOfTransportDocuments XrailBokkingRecordID ConsignorClientCode ConsignorClientName
used by	element CommercialDestinationOfWagon
annotation	documentation Additional Information
source	<pre> <xs:element name="ConsigneeInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationOfTransportDocuments" minOccurs="0"/> <xs:element ref="XrailBokkingRecordID" minOccurs="0"/> <xs:element ref="ConsignorClientCode" minOccurs="0"/> <xs:element ref="ConsignorClientName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonDataHERMES/Consignmentdata/ListOfInterchangeOrBorderCrossingPoints**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 20 content complex
children	TypeOfInterchangeOrBorderCrossingPoint TransferorRU TransfereeRU BorderPoint SpecialInterchangeLocation
annotation	documentation List of interchange or border crossing points
source	<pre> <xs:element name="ListOfInterchangeOrBorderCrossingPoints" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>List of interchange or border crossing points</xs:documentation> </xs:annotation> <xs:complexType> </pre>

	<pre> <xs:sequence> <xs:element ref="TypeOfInterchangeOrBorderCrossingPoint"/> <xs:element name="TransferorRU" type="CompanyCode" minOccurs="0"/> <xs:element name="TransfereeRU" type="CompanyCode" minOccurs="0"/> <xs:choice> <xs:element ref="BorderPoint"/> <xs:element ref="SpecialInterchangeLocation"/> </xs:choice> </xs:sequence> </xs:complexType> </xs:element> </pre>

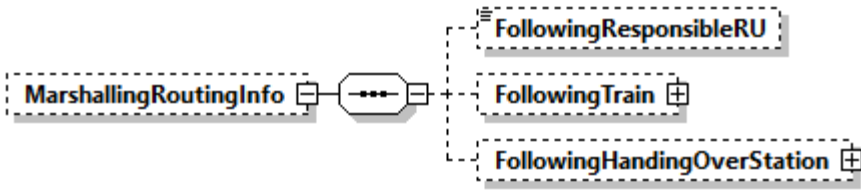
element **WagonDataHERMES/Consignmentdata/ListOfInterchangeOrBorderCrossingPoints/TransferorRU**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
source	<xs:element name="TransferorRU" type="CompanyCode" minOccurs="0"/>		

element **WagonDataHERMES/Consignmentdata/ListOfInterchangeOrBorderCrossingPoints/TransfereeRU**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
source	<xs:element name="TransfereeRU" type="CompanyCode" minOccurs="0"/>		

element **WagonDataHERMES/MarshallingRoutingInfo**

diagram	 The diagram shows a box labeled 'MarshallingRoutingInfo' connected to a central circle with three dots. From this circle, three dashed lines branch out to three separate boxes: 'FollowingResponsibleRU', 'FollowingTrain', and 'FollowingHandingOverStation'. Each of these three boxes has a small square icon with a plus sign in the top right corner, indicating they are optional or complex types.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	FollowingResponsibleRU FollowingTrain FollowingHandingOverStation
source	<pre> <xs:element name="MarshallingRoutingInfo" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="FollowingResponsibleRU" type="CompanyCode" minOccurs="0"/> <xs:element name="FollowingTrain" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumber"/> <xs:element name="Day" type="xs:date"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="FollowingHandingOverStation" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element ref="SubsidiaryLocationType" minOccurs="0"/> <xs:element ref="SubsidiaryLocationCode" minOccurs="0"/> <xs:element ref="AllocationCompany" minOccurs="0"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonDataHERMES/MarshallingRoutingInfo/FollowingResponsibleRU**

diagram	 The diagram shows a single box labeled 'FollowingResponsibleRU' with a small square icon with a plus sign in the top right corner, indicating it is an optional or complex type.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompanyCode

properties	minOcc 0 maxOcc 1 content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
source	<xs:element name="FollowingResponsibleRU" type="CompanyCode" minOccurs="0"/>												

element **WagonDataHERMES/MarshallingRoutingInfo/FollowingTrain**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	OperationalTrainNumber Day
source	<pre> <xs:element name="FollowingTrain" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumber"/> <xs:element name="Day" type="xs:date"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonDataHERMES/MarshallingRoutingInfo/FollowingTrain/Day**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
source	<code><xs:element name="Day" type="xs:date"/></code>

element **WagonDataHERMES/MarshallingRoutingInfo/FollowingHandingOverStation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName SubsidiaryLocationType SubsidiaryLocationCode AllocationCompany LocationSubsidiaryName
source	<pre> <xs:element name="FollowingHandingOverStation" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element ref="SubsidiaryLocationType" minOccurs="0"/> <xs:element ref="SubsidiaryLocationCode" minOccurs="0"/> <xs:element ref="AllocationCompany" minOccurs="0"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonETI_ETA_Message**

diagram	WagonETI_ETA_Message This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU. MessageHeader Used for all messages RelatedReference Identifies the message to which the actual message refers WagonInformation This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon ArrivalInterchangeReport The arrival or interchange station where ETI end DepartureInterchangeReport Departure or interchange station ETI Origin
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader RelatedReference WagonInformation ArrivalInterchangeReport DepartureInterchangeReport
annotation	documentation This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.
source	<pre> <xs:element name="WagonETI_ETA_Message"> <xs:annotation> <xs:documentation>This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference"/> <xs:element ref="WagonInformation"/> <xs:element ref="ArrivalInterchangeReport"/> <xs:element ref="DepartureInterchangeReport" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonEventInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonEvent EventDateTime Location
annotation	documentation This is a WIMO element that is derived from the Wagon Release Notice and Event Messages
source	<pre> <xs:element name="WagonEventInformation"> <xs:annotation> <xs:documentation>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="WagonEvent"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="Release"/> <xs:enumeration value="Arrival"/> <xs:enumeration value="Departure"/> <xs:enumeration value="Exception"/> <xs:enumeration value="Delivery"/> <xs:enumeration value="InterchangeDelivery"/> <xs:enumeration value="InterchangeReceipt"/> <xs:enumeration value="YardDeparture"/> <xs:enumeration value="YardArrival"/> <xs:enumeration value="DeliveryConfirmation"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="EventDateTime" type="xs:dateTime"/> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonEventInformation/WagonEvent**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	Release	
	enumeration	Arrival	
	enumeration	Departure	
	enumeration	Exception	
	enumeration	Delivery	
	enumeration	InterchangeDelivery	
	enumeration	InterchangeReceipt	
	enumeration	YardDeparture	
	enumeration	YardArrival	
	enumeration	DeliveryConfirmation	
source	<pre> <xs:element name="WagonEvent"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="Release"/> <xs:enumeration value="Arrival"/> <xs:enumeration value="Departure"/> <xs:enumeration value="Exception"/> <xs:enumeration value="Delivery"/> <xs:enumeration value="InterchangeDelivery"/> <xs:enumeration value="InterchangeReceipt"/> <xs:enumeration value="YardDeparture"/> <xs:enumeration value="YardArrival"/> <xs:enumeration value="DeliveryConfirmation"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

element **WagonEventInformation/EventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
source	<pre><xs:element name="EventDateTime" type="xs:dateTime"/></pre>

element **WagonInformation**

diagram	WagonInformation This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon WagonNumberFreight Identifies uniquely the freight wagon by its number LoadingStatus Loading status of the equipment. 0=Empty, 1=Loaded TotalWeight Total weight of the loaded wagon [kg]. GoodsInWagon Goods 0..99
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonNumberFreight LoadingStatus TotalWeight GoodsInWagon
used by	elements WagonETI ETA Message WagonInterchangeNoticeMessage
annotation	documentation This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon
source	<pre> <xs:element name="WagonInformation"> <xs:annotation> <xs:documentation>This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="LoadingStatus"/> <xs:element ref="TotalWeight" minOccurs="0"/> <xs:element ref="GoodsInWagon" minOccurs="0" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonInterchangeNoticeMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader WagonInformation DeliveryInterchangePoint DangerousGoodsIndication OperationalTrainNumber TrainID
annotation	documentation This message is used by the RU/Service Provider to ask the neighbouring RU/Service Provider the acceptance of the responsibility for a wagon.
source	<pre> <xs:element name="WagonInterchangeNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the RU/Service Provider to ask the neighbouring RU/Service Provider the acceptance of the responsibility for a wagon.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="DeliveryInterchangePoint"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element ref="OperationalTrainNumber"/> <xs:element ref="TrainID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

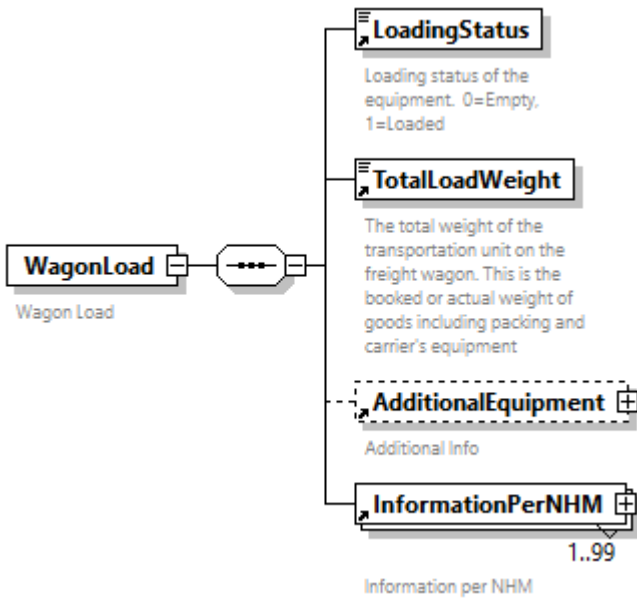
element **WagonInterchangeSubNoticeMessage**

diagram	WagonInterchangeSubNotice... This message is used by the RU/Service Provider to inform the IM that the responsibility is handed over to the next RU/Service Provider MessageHeader Used for all messages WagonNumberFreight Identifies uniquely the freight wagon by its number AcceptanceInterchangePoint The place where the responsibility of a wagon is accepted and the date and time when the wagon responsibility of the wagon is accepted DangerousGoodsIndication Identifies dangerous goods OperationalTrainNumber Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc. TrainID
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader WagonNumberFreight AcceptanceInterchangePoint DangerousGoodsIndication OperationalTrainNumber TrainID
annotation	documentation This message is used by the RU/Service Provider to inform the IM that the responsibility is handed over to the next RU/Service Provider
source	<pre> <xs:element name="WagonInterchangeSubNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the RU/Service Provider to inform the IM that the responsibility is handed over to the next RU/Service Provider</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="AcceptanceInterchangePoint"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element ref="OperationalTrainNumber" minOccurs="0"/> <xs:element ref="TrainID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonLength**

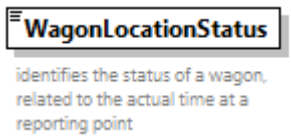
diagram	WagonLength Length over buffers in cms									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	element Wagons/WagonDetails/WagonTypeDetails									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999999									
annotation	documentation Length over buffers in cms									
source	<pre><xs:element name="WagonLength"> <xs:annotation> <xs:documentation>Length over buffers in cms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **WagonLoad**

diagram	 Wagon Load LoadingStatus Loading status of the equipment. 0=Empty, 1=Loaded TotalLoadWeight The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment AdditionalEquipment Additional Info InformationPerNHM Information per NHM 1..99

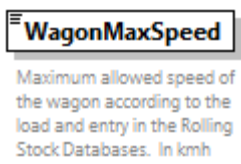
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LoadingStatus TotalLoadWeight AdditionalEquipment InformationPerNHM
used by	element WagonDataHERMES
annotation	documentation Wagon Load
source	<pre> <xs:element name="WagonLoad"> <xs:annotation> <xs:documentation>Wagon Load</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LoadingStatus"/> <xs:element ref="TotalLoadWeight"/> <xs:element ref="AdditionalEquipment" minOccurs="0"/> <xs:element ref="InformationPerNHM" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonLocationStatus**

diagram	 WagonLocationStatus identifies the status of a wagon, related to the actual time at a reporting point		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	RunningStatus		
properties	content simple		
used by	element ExceptionPoint		
facets	Kind	Value	Annotation
	enumeration	00	documentation Not specified
	enumeration	01	documentation Arrival at destination
	enumeration	02	documentation Departure at origin
	enumeration	03	documentation Intermediate arrival
	enumeration	04	documentation Intermediate departure
	enumeration	05	documentation Pass through
	enumeration	06	documentation NEW CODES: Some IMs are transmitting these codes (6 - 9)
	enumeration	07	

	enumeration 08 enumeration 09 enumeration 10 documentation Not specified for wagon enumeration 11 documentation Wagon arrival at its destination by train enumeration 12 documentation Wagon departure from its station of origin by train enumeration 13 documentation Wagon arrival at reporting point by train enumeration 14 documentation Wagon departure from reporting point by train (HLR) enumeration 15 documentation Wagon run-through at reporting point by train enumeration 16 documentation Wagon parked at reporting point (MAD) enumeration 17 documentation Wagon shunted at reporting point enumeration 18 documentation Wagon arrived at reporting point enumeration 19 documentation Wagon departure from reporting point
annotation	documentation identifies the status of a wagon, related to the actual time at a reporting point
source	<pre><xs:element name="WagonLocationStatus" type="RunningStatus"> <xs:annotation> <xs:documentation>identifies the status of a wagon, related to the actual time at a reporting point</xs:documentation> </xs:annotation> </xs:element></pre>

element **WagonMaxSpeed**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:int
properties	content simple
used by	elements ActualOperationalWagonData RollingStockTechnicalData UnitTechnicalData WagonOperationalData
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
annotation	documentation Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh

source	<pre> <xs:element name="WagonMaxSpeed"> <xs:annotation> <xs:documentation>Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="001"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **WagonNumberFreight**

diagram	WagonNumberFreight Identifies uniquely the freight wagon by its number									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	WagonIdent									
properties	content simple									
used by	elements RollingStockDataset/AdministrativeDataSet AlertMessage WagonPerformanceMessage/PerformanceData RollingStockDatasetMessage/RefusedWagonNumbers RollingStockDatasetQueryMessage RunningStatusReportMessage/TransportDeviceID WagonData WagonInformation WagonInterchangeSubNoticeMessage WagonReceivedAtInterchangeMessage WagonRefusedAtInterchangeMessage Wagons WagonStatusMessages/WagonStatusMessage WagonDataHERMES/WagonTechDataHERMES									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>maxLength</td><td>12</td><td></td></tr><tr><td>pattern</td><td>[0-9]{12}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	maxLength	12		pattern	[0-9]{12}	
Kind	Value	Annotation								
maxLength	12									
pattern	[0-9]{12}									
annotation	documentation Identifies uniquely the freight wagon by its number									
source	<pre><xs:element name="WagonNumberFreight" type="WagonIdent"> <xs:annotation> <xs:documentation>Identifies uniquely the freight wagon by its number</xs:documentation> </xs:annotation> </xs:element></pre>									

element **WagonNumberOfAxles**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:int		
properties	content	simple	
used by	elements	RollingStockDataset/DesignDataSet UnitTechnicalData WagonTechData WagonDataHERMES/WagonTechDataHERMES Wagons/WagonDetails/WagonTypeDetails	
facets	Kind	Value	Annotation
	minInclusive	2	
	maxInclusive	99	
annotation	documentation	Number of Axels for a wagon	
source	<pre><xs:element name="WagonNumberOfAxles"> <xs:annotation> <xs:documentation>Number of Axels for a wagon</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="2"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **WagonOperationalData**

diagram	WagonOperationalData Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory. BrakeType Type of braking system. BrakeWeight Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes WagonMaxSpeed Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh ExceptionalGaugingProfile Identification of special load. Profile No - UIC IRS 50596-6 Macro-profile No: UIC leaflet 502-2 (4AN + 3N) ExceptionalGaugingIdent Indicates that an exceptional Gauging is in the train or for the wagon DangerousGoodsIndication Identifies dangerous goods 0..∞ InfoOnGoodsShapeTypeDanger Additional codified information on the load. Coding Structures as defined in IRS 90920-13;A.9.2 (RID labels) 0..9 RestrictionsDueToLoadOrDama... These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13) 0..9 TotalLoadWeight The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex

children	BrakeType BrakeWeight WagonMaxSpeed ExceptionalGaugingProfile ExceptionalGaugingIdent DangerousGoodsIndication InfoOnGoodsShapeTypeDanger RestrictionsDueToLoadOrDamage TotalLoadWeight
used by	elements TrainOrCoachGroupComposition/Unit WagonData
annotation	documentation Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.
source	<pre> <xs:element name="WagonOperationalData"> <xs:annotation> <xs:documentation>Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="WagonMaxSpeed" minOccurs="0"/> <xs:element ref="ExceptionalGaugingProfile" minOccurs="0"/> <xs:element ref="ExceptionalGaugingIdent" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InfoOnGoodsShapeTypeDanger" minOccurs="0" maxOccurs="9"/> <xs:element ref="RestrictionsDueToLoadOrDamage" minOccurs="0" maxOccurs="9"/> <xs:element ref="TotalLoadWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonPerformanceMessage**

diagram	WagonPerformanceMessage Message used by the User RU to deliver wagon performance data to the wagon keeper. MessageHeader Used for all messages PerformanceData 1..∞ Performance data of a freight wagon for a specified period. The SOAP default maximum for an element is 50,000. If maximum count of data records is exceeded, performance data records need to be split and several wagon performance messages sent.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex

children	MessageHeader PerformanceData
annotation	documentation Message used by the User RU to deliver wagon performance data to the wagon keeper.
source	<pre> <xs:element name="WagonPerformanceMessage"> <xs:annotation> <xs:documentation>Message used by the User RU to deliver wagon performance data to the wagon keeper.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element name="PerformanceData" maxOccurs="unbounded"> <xs:annotation> <!-- Sector schema: CR 148 --> <xs:documentation>Performance data of a freight wagon for a specified period. The SOAP default maximum for an element is 50,000. If maximum count of data records is exceeded, performance data records need to be split and several wagon performance messages sent.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="UserRU"/> <xs:element name="PeriodStart" type="xs:dateTime"> <xs:annotation> <xs:documentation>Start date and time of the delivery period.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="StartLocation" minOccurs="0"/> <xs:element name="PeriodEnd" type="xs:dateTime"> <xs:annotation> <xs:documentation>End date and time of the delivery period.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="EndLocation" minOccurs="0"/> <xs:element name="Country" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country where the wagon has been operated during the delivery period. Identifies a country or state by code (ISO 3166-1).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Kilometers"> <xs:annotation> <xs:documentation>Actual and complete kilometric performance of the wagon for the delivery period in kilometers. Kilometric performance due to shunting at stations can be neglected.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="-99999"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TotalLoadWeight"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonPerformanceMessage/PerformanceData**

diagram	PerformanceData 1..∞ Performance data of a freight wagon for a specified period. The SOAP default maximum for an element is 50,000. If maximum count of data records is exceeded, performance data records need to be split and several wagon performance messages sent. WagonNumberFreight: Identifies uniquely the freight wagon by its number UserRU: Identifies uniquely the RU who has operated the wagon or is in custody of the wagon. PeriodStart: Start date and time of the delivery period. StartLocation: Starting point of section or segment PeriodEnd: End date and time of the delivery period. EndLocation: End point of a section or segment Country: Country where the wagon has been operated during the delivery period. Identifies a country or state by code (ISO 3166-1). Kilometers: Actual and complete kilometric performance of the wagon for the delivery period in kilometers. Kilometric performance due to shunting at stations can be neglected. TotalLoadWeight: The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc unbounded content complex
children	WagonNumberFreight UserRU PeriodStart StartLocation PeriodEnd EndLocation Country Kilometers TotalLoadWeight

annotation	documentation Performance data of a freight wagon for a specified period. The SOAP default maximum for an element is 50,000. If maximum count of data records is exceeded, performance data records need to be split and several wagon performance messages sent.
source	<pre> <xs:element name="PerformanceData" maxOccurs="unbounded"> <xs:annotation> <!-- Sector schema: CR 148 --> <xs:documentation>Performance data of a freight wagon for a specified period. The SOAP default maximum for an element is 50,000. If maximum count of data records is exceeded, performance data records need to be split and several wagon performance messages sent.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="UserRU"/> <xs:element name="PeriodStart" type="xs:dateTime"> <xs:annotation> <xs:documentation>Start date and time of the delivery period.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="StartLocation" minOccurs="0"/> <xs:element name="PeriodEnd" type="xs:dateTime"> <xs:annotation> <xs:documentation>End date and time of the delivery period.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="EndLocation" minOccurs="0"/> <xs:element name="Country" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country where the wagon has been operated during the delivery period. Identifies a country or state by code (ISO 3166-1).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Kilometers"> <xs:annotation> <xs:documentation>Actual and complete kilometric performance of the wagon for the delivery period in kilometers. Kilometric performance due to shunting at stations can be neglected.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="-99999"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TotalLoadWeight"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

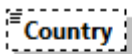
element **WagonPerformanceMessage/PerformanceData/PeriodStart**

diagram	 Start date and time of the delivery period.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Start date and time of the delivery period.
source	<pre><xs:element name="PeriodStart" type="xs:dateTime"> <xs:annotation> <xs:documentation>Start date and time of the delivery period.</xs:documentation> </xs:annotation> </xs:element></pre>

element **WagonPerformanceMessage/PerformanceData/PeriodEnd**

diagram	 End date and time of the delivery period.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation End date and time of the delivery period.
source	<pre><xs:element name="PeriodEnd" type="xs:dateTime"> <xs:annotation> <xs:documentation>End date and time of the delivery period.</xs:documentation> </xs:annotation> </xs:element></pre>

element **WagonPerformanceMessage/PerformanceData/Country**

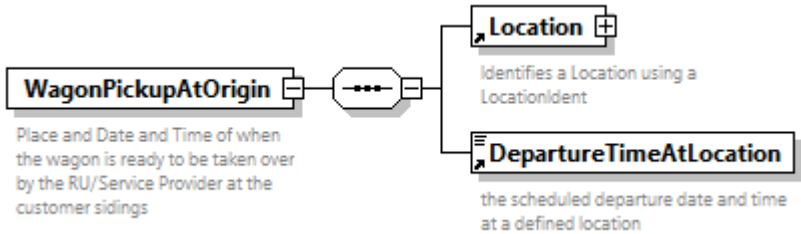
diagram	 Country where the wagon has been operated during the delivery period. Identifies a country or state by code (ISO 3166-1).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	CountryIdentISO									
properties	minOcc0 maxOcc1 contentsimple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Country where the wagon has been operated during the delivery period. Identifies a country or state by code (ISO 3166-1).									
source	<pre><xs:element name="Country" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country where the wagon has been operated during the delivery period. Identifies a country or state by code (ISO 3166-1).</xs:documentation> </xs:annotation> </xs:element></pre>									

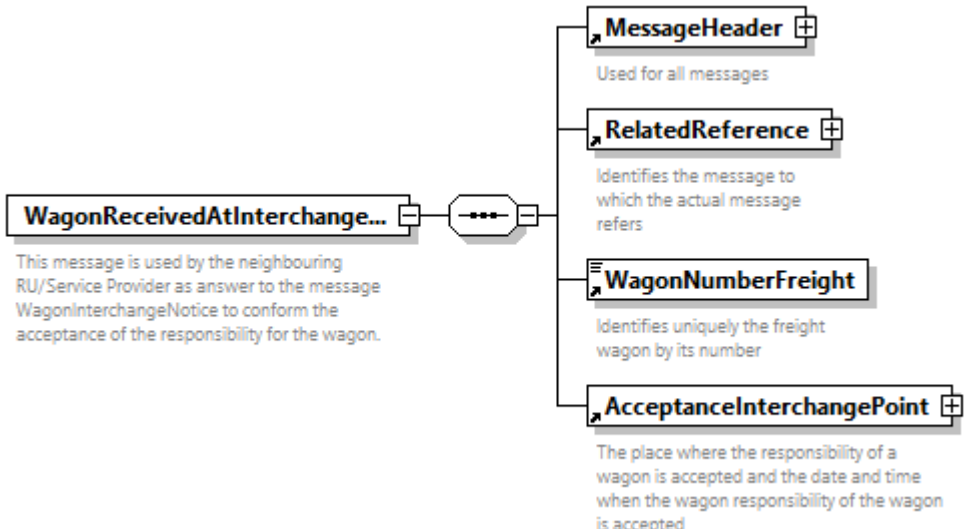
element **WagonPerformanceMessage/PerformanceData/Kilometers**

diagram	Kilometers Actual and complete kilometric performance of the wagon for the delivery period in kilometers. Kilometric performance due to shunting at stations can be neglected.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>-99999</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	-99999		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	-99999									
maxInclusive	99999									
annotation	documentation Actual and complete kilometric performance of the wagon for the delivery period in kilometers. Kilometric performance due to shunting at stations can be neglected.									
source	<pre><xs:element name="Kilometers"> <xs:annotation> <xs:documentation>Actual and complete kilometric performance of the wagon for the delivery period in kilometers. Kilometric performance due to shunting at stations can be neglected.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="-99999"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **WagonPickupAtOrigin**

diagram	 The diagram shows the WagonPickupAtOrigin element as a container for two child elements: Location and DepartureTimeAtLocation. The Location element is described as 'Identifies a Location using a LocationIdent'. The DepartureTimeAtLocation element is described as 'the scheduled departure date and time at a defined location'.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location DepartureTimeAtLocation
annotation	documentation Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings
source	<pre> <xs:element name="WagonPickupAtOrigin"> <xs:annotation> <xs:documentation>Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonReceivedAtInterchangeMessage**

diagram	 The diagram shows the WagonReceivedAtInterchange... element as a container for four child elements: MessageHeader, RelatedReference, WagonNumberFreight, and AcceptanceInterchangePoint. The MessageHeader is described as 'Used for all messages'. The RelatedReference is described as 'Identifies the message to which the actual message refers'. The WagonNumberFreight is described as 'Identifies uniquely the freight wagon by its number'. The AcceptanceInterchangePoint is described as 'The place where the responsibility of a wagon is accepted and the date and time when the wagon responsibility of the wagon is accepted'.

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader RelatedReference WagonNumberFreight AcceptanceInterchangePoint
annotation	documentation This message is used by the neighbouring RU/Service Provider as answer to the message WagonInterchangeNotice to conform the acceptance of the responsibility for the wagon.
source	<pre> <xs:element name="WagonReceivedAtInterchangeMessage"> <xs:annotation> <xs:documentation>This message is used by the neighbouring RU/Service Provider as answer to the message WagonInterchangeNotice to conform the acceptance of the responsibility for the wagon.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="AcceptanceInterchangePoint"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonRefusedAtInterchangeMessage**

diagram	WagonRefusedAtInterchange... This message is used by the neighbouring RU/Service Provider as answer to the message 'WagonInterchangeNotic' to inform the sender that the responsibility for the wagon is refused. MessageHeader Used for all messages RelatedReference Identifies the message to which the actual message refers WagonNumberFreight Identifies uniquely the freight wagon by its number RefusalAtInterchange Place where the responsibility of a wagon is refused and the date and time when the wagon responsibility of the wagon is refused CauseType Indicates the cause of a damage or refusal of a wagon or train CauseDescription Describes the cause of sending message
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader RelatedReference WagonNumberFreight RefusalAtInterchange CauseType CauseDescription
annotation	documentation This message is used by the neighbouring RU/Service Provider as answer to the message 'WagonInterchangeNotic' to inform the sender that the responsibility for the wagon is refused.
source	<pre> <xs:element name="WagonRefusedAtInterchangeMessage"> <xs:annotation> <xs:documentation>This message is used by the neighbouring RU/Service Provider as answer to the message 'WagonInterchangeNotic' to inform the sender that the responsibility for the wagon is refused.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalAtInterchange"/> <xs:element ref="CauseType"/> <xs:element ref="CauseDescription" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

</xs:element>

element **Wagons**

diagram	The diagram illustrates the structure of the Wagons element. It is a complex type containing a sequence of three elements: WagonNumberFreight, WagonDetails, and a choice between SummaryOfGoodsWithSameR... and LoadingTackles. The WagonNumberFreight element identifies the freight wagon by its number. The WagonDetails element provides details for the specific wagon. The SummaryOfGoodsWithSameR... element is used if the consignment includes more than one good with the same UN-Number in , packing group and proper shipping name in the wagon. The LoadingTackles element describes the loading tackles used inside the wagon. The GoodsInWagon element is also shown.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonNumberFreight WagonDetails SummaryOfGoodsWithSameRID LoadingTackles GoodsInWagon
used by	element ConsignmentOrderMessage/COMS/COM
annotation	documentation Content of the wagon
source	<pre><xs:element name="Wagons"> <xs:annotation> <xs:documentation>Content of the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:sequence> <xs:element name="WagonDetails"> <xs:annotation> <xs:documentation>Details for the specific wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LoadingStatus"/> <xs:element name="WagonInfo" minOccurs="0"> <xs:annotation></pre>

```

        <xs:documentation>Additional information, concerning the goods
of the whole wagon. </xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="2000"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="WagonTypeDetails" minOccurs="0">
    <xs:annotation>
        <xs:documentation>These elements are only needed, if the wagon
has to be treated as CUV (empty wagon).</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="WagonWeightEmpty"/>
            <xs:element ref="WagonNumberOfAxles"/>
            <xs:element ref="WagonLength"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element ref="TotalWeight" minOccurs="0"/>
<xs:element name="LoadLimit" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Load limit from table of load limits in
[t].</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:decimal">
            <xs:minInclusive value="0"/>
            <xs:totalDigits value="4"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="Seals" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Describes the seals used for the
consignment</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="Ship" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information for transports, which
shall be handed over to a ship.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="DeliveryReference" minOccurs="0"/>
<xs:element ref="OriginCountry" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Code of origin country of the
Goods</xs:documentation>
    </xs:annotation>
</xs:element>

```

```

<xs:element name="ExceptionalConsignment" minOccurs="0"
maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Exceptional Consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="IM_Partner"/>
      <xs:element name="PermissionNumber">
        <xs:annotation>
          <xs:documentation>Reference/permission number of the
exceptional consignment.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="24"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Examination" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Examination</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Code of the carrier undertaking the
examination (see CIM Article 11 sections 2 and 3). </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Result">
        <xs:annotation>
          <xs:documentation>Details of the results of any
examination (see CIM Article 11 sections 2 and 3).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="180"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="FormalReports" minOccurs="0" maxOccurs="15">
  <xs:annotation>
    <xs:documentation>Formal report</xs:documentation>
  </xs:annotation>
  <xs:complexType>

```

```

        <xs:sequence>
            <xs:element name="CreationDate" type="xs:date">
                <xs:annotation>
                    <xs:documentation>Date when the report was made
out.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="Number" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Number of the report
form.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="13"/>
                        <xs:minLength value="1"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="CarrierCode" type="CompanyCode">
                <xs:annotation>
                    <xs:documentation>Code of the carrier who made it
out.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="ShuntingModalLabel" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Shunting modal label according to chapter
5.3.4 RID</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="13"/>
            <xs:enumeration value="15"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="CustomerReference" minOccurs="0" maxOccurs="5">
    <xs:annotation>
        <xs:documentation>Supplied by the customer. Reference number to
link the ECN and delivery note to the same consignment on the customer
side.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="30"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="BookingNumber" minOccurs="0">
    <xs:annotation>

```

```

        <xs:documentation>XrailBooking number for the
consignment</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="24"/>
            <xs:maxLength value="64"/>
            <xs:pattern value="[0-9]{4}:[0-9]{17}:[a-f0-9-]+"\>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0"
maxOccurs="25"/>
<xs:sequence>
    <xs:element ref="LoadingTackles" minOccurs="0" maxOccurs="99"/>
    <xs:element name="GoodsInWagon" minOccurs="0" maxOccurs="99">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="NoGoodsOfClassX" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Element has to be filled with the class of
the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous
according to chapter 2 (5.4.1.5 RID)</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element ref="RID" minOccurs="0" maxOccurs="50"/>
                <xs:element name="Packing" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Packing information</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="NatureOfPacking" minOccurs="0">
                                <xs:annotation>
                                    <xs:documentation>Nature of packing according to the
UN/ECE Recommendation No 21</xs:documentation>
                                    <xs:documentation>CODE: UN/ECE-Recommendation No.
21</xs:documentation>
                                </xs:annotation>
                            </xs:element>
                            <xs:simpleType>
                                <xs:restriction base="xs:string">
                                    <xs:maxLength value="2"/>
                                    <xs:minLength value="1"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="NumberOfPackages" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Number of
packages.</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

        <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="PackageIdentification" minOccurs="0"
maxOccurs="99">
    <xs:annotation>
        <xs:documentation>Particular marks and numbers to
identify less than wagon load assignments.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="NHM_Code"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType"
minOccurs="0"/>
<xs:element ref="GoodsDescription" minOccurs="0"/>
<xs:element name="AdditionalGoodInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information regarding the loaded
good, given by the customer.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="1000"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="GrossWeight" minOccurs="0"/>
<xs:element name="HS_Code" minOccurs="0">
    <xs:annotation>
        <xs:documentation>HS-Code for sensible goods (appendix 44c of
ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'.
In this case this good code has to be taken. These good codes may have more than
6 digits.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="6"/>
            <xs:maxLength value="10"/>
            <xs:pattern value="\d*[1-9]\d*" />
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="EWC_Key" minOccurs="0">

```

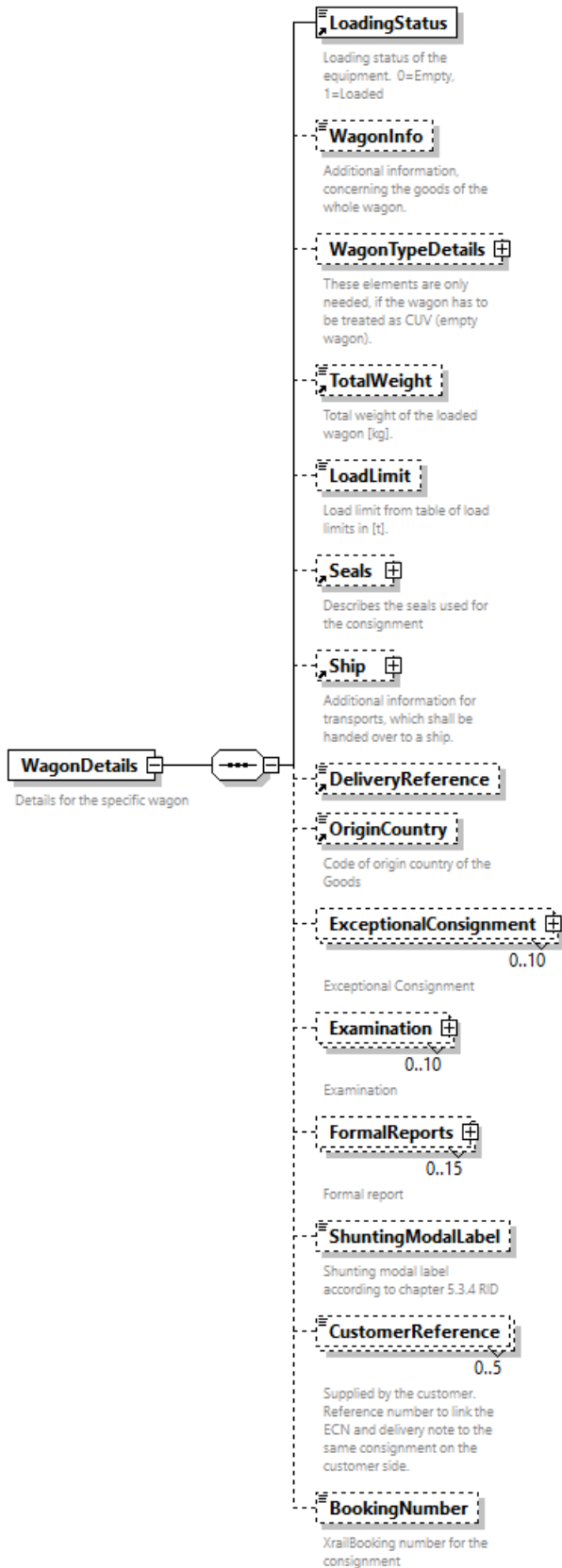
```

        <xs:annotation>
          <xs:documentation>Numeric key according to the European Waste
Catalogue</xs:documentation>
          <xs:documentation>CODE: European waste catalogue (EWC)
2000/532/EC</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="2"/>
            <xs:maxLength value="6"/>
            <xs:pattern value="\d*" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="ReferenceNumbers" minOccurs="0"
maxOccurs="99"/>
      <xs:element ref="ILU" minOccurs="0"/>
      <xs:element ref="RollingRoadUnit" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:sequence>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **Wagons/WagonDetails**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LoadingStatus WagonInfo WagonTypeDetails TotalWeight LoadLimit Seals Ship DeliveryReference OriginCountry ExceptionalConsignment Examination FormalReports ShuntingModalLabel CustomerReference BookingNumber
annotation	documentation Details for the specific wagon
source	<pre> <xs:element name="WagonDetails"> <xs:annotation> <xs:documentation>Details for the specific wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LoadingStatus"/> <xs:element name="WagonInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole wagon. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2000"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="WagonTypeDetails" minOccurs="0"> <xs:annotation> <xs:documentation>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonWeightEmpty"/> <xs:element ref="WagonNumberOfAxles"/> <xs:element ref="WagonLength"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TotalWeight" minOccurs="0"/> <xs:element name="LoadLimit" minOccurs="0"> <xs:annotation> <xs:documentation>Load limit from table of load limits in [t].</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:totalDigits value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

<xs:element ref="Seals" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Describes the seals used for the
consignment</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="Ship" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional information for transports, which shall be
handed over to a ship.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="DeliveryReference" minOccurs="0"/>
<xs:element ref="OriginCountry" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of origin country of the Goods</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ExceptionalConsignment" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Exceptional Consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="IM_Partner"/>
      <xs:element name="PermissionNumber">
        <xs:annotation>
          <xs:documentation>Reference/permission number of the exceptional
consignment.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="24"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Examination" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Examination</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Code of the carrier undertaking the examination
(see CIM Article 11 sections 2 and 3). </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Result">
        <xs:annotation>
          <xs:documentation>Details of the results of any examination (see

```

```

CIM Article 11 sections 2 and 3).</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="180"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="FormalReports" minOccurs="0" maxOccurs="15">
    <xs:annotation>
        <xs:documentation>Formal report</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="CreationDate" type="xs:date">
                <xs:annotation>
                    <xs:documentation>Date when the report was made
out.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="Number" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Number of the report form.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="13"/>
                        <xs:minLength value="1"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="CarrierCode" type="CompanyCode">
                <xs:annotation>
                    <xs:documentation>Code of the carrier who made it
out.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="ShuntingModalLabel" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Shunting modal label according to chapter 5.3.4
RID</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="13"/>
            <xs:enumeration value="15"/>
        </xs:restriction>
    </xs:simpleType>

```

	<pre> </xs:element> <xs:element name="CustomerReference" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="BookingNumber" minOccurs="0"> <xs:annotation> <xs:documentation>XrailBooking number for the consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="24"/> <xs:maxLength value="64"/> <xs:pattern value="[0-9]{4}:[0-9]{17}:[a-f0-9-]+"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Wagons/WagonDetails/WagonInfo**

diagram	WagonInfo Additional information, concerning the goods of the whole wagon.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>2000</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	2000	
Kind	Value	Annotation								
minLength	1									
maxLength	2000									
annotation	documentation Additional information, concerning the goods of the whole wagon.									
source	<pre><xs:element name="WagonInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole</pre>									

	<pre>wagon. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2000"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Wagons/WagonDetails/WagonTypeDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	WagonWeightEmpty WagonNumberOfAxles WagonLength
annotation	documentation These elements are only needed, if the wagon has to be treated as CUV (empty wagon).
source	<pre><xs:element name="WagonTypeDetails" minOccurs="0"> <xs:annotation> <xs:documentation>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonWeightEmpty"/> <xs:element ref="WagonNumberOfAxles"/> <xs:element ref="WagonLength"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **Wagons/WagonDetails/LoadLimit**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:decimal
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 totalDigits 4
annotation	documentation Load limit from table of load limits in [t].
source	<pre> <xs:element name="LoadLimit" minOccurs="0"> <xs:annotation> <xs:documentation>Load limit from table of load limits in [t].</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:totalDigits value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Wagons/WagonDetails/ExceptionalConsignment**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 10 content complex
children	IM Partner PermissionNumber
annotation	documentation Exceptional Consignment
source	<pre> <xs:element name="ExceptionalConsignment" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Exceptional Consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IM_Partner"/> <xs:element name="PermissionNumber"> <xs:annotation> </pre>

	<pre> <xs:documentation>Reference/permission number of the exceptional consignment.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Wagons/WagonDetails/ExceptionalConsignment/PermissionNumber**

diagram	PermissionNumber Reference/permission number of the exceptional consignment.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>24</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	24	
Kind	Value	Annotation								
minLength	1									
maxLength	24									
annotation	documentation Reference/permission number of the exceptional consignment.									
source	<pre><xs:element name="PermissionNumber"> <xs:annotation> <xs:documentation>Reference/permission number of the exceptional consignment.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Wagons/WagonDetails/Examination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 10 content complex
children	CarrierCode Result
annotation	documentation Examination
source	<pre> <xs:element name="Examination" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Examination</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3). </xs:documentation> </xs:annotation> </xs:element> <xs:element name="Result"> <xs:annotation> <xs:documentation>Details of the results of any examination (see CIM Article 11 sections 2 and 3).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Wagons/WagonDetails/Examination/CarrierCode**

diagram	CarrierCode Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3).												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3).												
source	<pre><xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3). </xs:documentation> </xs:annotation> </xs:element></pre>												

element **Wagons/WagonDetails/Examination/Result**

diagram	Result Details of the results of any examination (see CIM Article 11 sections 2 and 3).									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>180</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	180	
Kind	Value	Annotation								
minLength	1									
maxLength	180									
annotation	documentation Details of the results of any examination (see CIM Article 11 sections 2 and 3).									
source	<pre><xs:element name="Result"> <xs:annotation> <xs:documentation>Details of the results of any examination (see CIM Article 11 sections 2 and 3).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<pre> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Wagons/WagonDetails/FormalReports**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 15 content complex
children	CreationDate Number CarrierCode
annotation	documentation Formal report
source	<pre> <xs:element name="FormalReports" minOccurs="0" maxOccurs="15"> <xs:annotation> <xs:documentation>Formal report</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CreationDate" type="xs:date"> <xs:annotation> <xs:documentation>Date when the report was made out.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Number" minOccurs="0"> <xs:annotation> <xs:documentation>Number of the report form.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="13"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier who made it out.</xs:documentation> </xs:annotation> </pre>

	<pre> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Wagons/WagonDetails/FormalReports/CreationDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
annotation	documentation Date when the report was made out.
source	<pre> <xs:element name="CreationDate" type="xs:date"> <xs:annotation> <xs:documentation>Date when the report was made out.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Wagons/WagonDetails/FormalReports/Number**

diagram	Number Number of the report form.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>13</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation								
minLength	1									
maxLength	13									
annotation	documentation Number of the report form.									
source	<pre><xs:element name="Number" minOccurs="0"> <xs:annotation> <xs:documentation>Number of the report form.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="13"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	</xs:element>

element **Wagons/WagonDetails/FormalReports/CarrierCode**

diagram	CarrierCode Code of the carrier who made it out.												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code of the carrier who made it out.												
source	<pre><xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier who made it out.</xs:documentation> </xs:annotation> </xs:element></pre>												

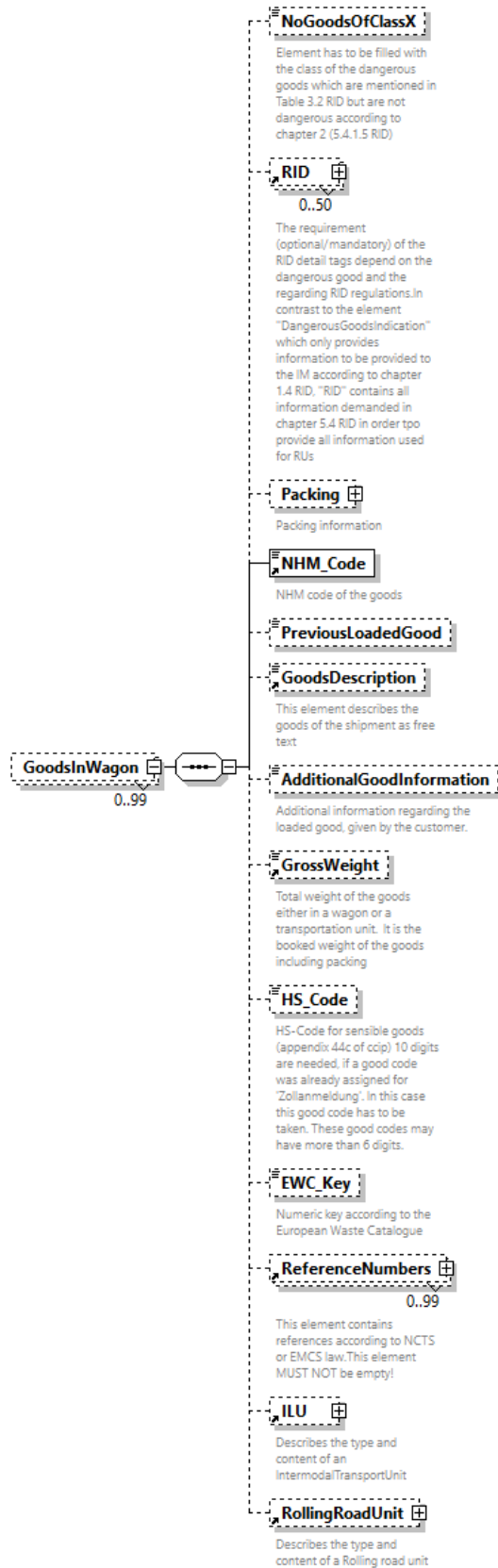
element **Wagons/WagonDetails/ShuntingModalLabel**

diagram	ShuntingModalLabel Shunting modal label according to chapter 5.3.4 RID									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>13</td><td></td></tr><tr><td>enumeration</td><td>15</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	13		enumeration	15	
Kind	Value	Annotation								
enumeration	13									
enumeration	15									
annotation	documentation Shunting modal label according to chapter 5.3.4 RID									
source	<pre><xs:element name="ShuntingModalLabel" minOccurs="0"> <xs:annotation> <xs:documentation>Shunting modal label according to chapter 5.3.4 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"></pre>									

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 24 maxLength 64 pattern [0-9]{4}:[0-9]{17}:[a-f0-9-]+
annotation	documentation XrailBooking number for the consignment
source	<pre><xs:element name="BookingNumber" minOccurs="0"> <xs:annotation> <xs:documentation>XrailBooking number for the consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="24"/> <xs:maxLength value="64"/> <xs:pattern value="[0-9]{4}:[0-9]{17}:[a-f0-9-]+"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Wagons/GoodsInWagon**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 99 content complex
children	NoGoodsOfClassX RID Packing NHM Code PreviousLoadedGood GoodsDescription AdditionalGoodInformation GrossWeight HS Code EWC Key ReferenceNumbers ILU RollingRoadUnit
used by	element WagonInformation
source	<pre> <xs:element name="GoodsInWagon" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="RID" minOccurs="0" maxOccurs="50"/> <xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> </pre>

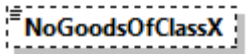
```

        <xs:documentation>Particular marks and numbers to identify less
than wagon load assignments.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="NHM_Code"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/>
<xs:element ref="GoodsDescription" minOccurs="0"/>
<xs:element name="AdditionalGoodInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information regarding the loaded good,
given by the customer.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="1000"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="GrossWeight" minOccurs="0"/>
<xs:element name="HS_Code" minOccurs="0">
    <xs:annotation>
        <xs:documentation>HS-Code for sensible goods (appendix 44c of ccip) 10
digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this
case this good code has to be taken. These good codes may have more than 6
digits.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="6"/>
            <xs:maxLength value="10"/>
            <xs:pattern value="\d*[1-9]\d*"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="EWC_Key" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Numeric key according to the European Waste
Catalogue</xs:documentation>
        <xs:documentation>CODE: European waste catalogue (EWC)
2000/532/EC</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="2"/>
            <xs:maxLength value="6"/>

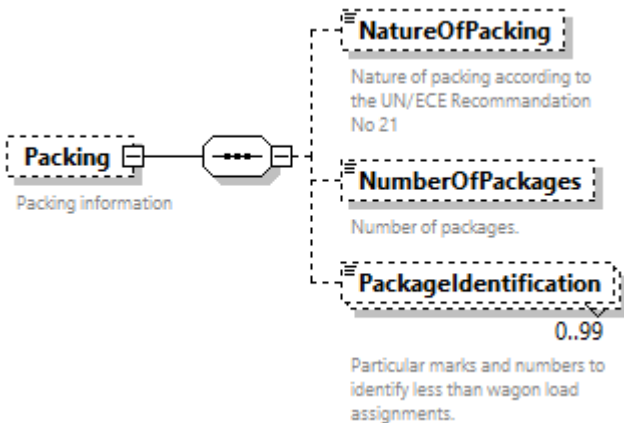
```

	<pre> <xs:pattern value="\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ReferenceNumbers" minOccurs="0" maxOccurs="99" /> <xs:element ref="ILU" minOccurs="0" /> <xs:element ref="RollingRoadUnit" minOccurs="0" /> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Wagons/GoodsInWagon/NoGoodsOfClassX**

diagram	 NoGoodsOfClassX Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1
annotation	documentation Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)
source	<pre> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Wagons/GoodsInWagon/Packing**

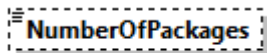
diagram	 Packing Packing information NatureOfPacking Nature of packing according to the UN/ECE Recommendation No 21 NumberOfPackages Number of packages. PackageIdentification 0..99 Particular marks and numbers to identify less than wagon load assignments.

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	NatureOfPacking NumberOfPackages PackageIdentification
annotation	documentation Packing information
source	<pre> <xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Wagons/GoodsInWagon/Packing/NatureOfPacking**

diagram	NatureOfPacking Nature of packing according to the UN/ECE Recommendation No 21									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	2	
Kind	Value	Annotation								
minLength	1									
maxLength	2									
annotation	documentation Nature of packing according to the UN/ECE Recommendation No 21 documentation CODE: UN/ECE-Recommendation No. 21									
source	<pre><xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Wagons/GoodsInWagon/Packing/NumberOfPackages**

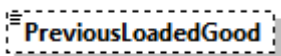
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:int		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	

annotation	documentation Number of packages.
source	<pre> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Wagons/GoodsInWagon/Packing/PackageIdentification**

diagram	PackageIdentification 0..99 Particular marks and numbers to identify less than wagon load assignments.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 99 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Particular marks and numbers to identify less than wagon load assignments.									
source	<pre><xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Wagons/GoodsInWagon/PreviousLoadedGood**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	NHMCodeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
source	<code><xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/></code>

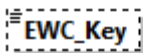
element **Wagons/GoodsInWagon/AdditionalGoodInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 1000
annotation	documentation Additional information regarding the loaded good, given by the customer.
source	<pre> <xs:element name="AdditionalGoodInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the loaded good, given by the customer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="1000"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Wagons/GoodsInWagon/HS_Code**

diagram	HS_Code HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 6 maxLength 10 pattern \d*[1-9]\d*
annotation	documentation HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.
source	<pre><xs:element name="HS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="6"/> <xs:maxLength value="10"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Wagons/GoodsInWagon/EWC_Key**

diagram	 Numeric key according to the European Waste Catalogue
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1


```

<xs:element name="WagonStatusMessage" maxOccurs="500">
  <xs:annotation>
    <xs:documentation>used to describe one event of one wagon (all bounded
elements are bounded to to obligations of legacy systems)</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:annotation>
        <xs:documentation>Wagon Status Message</xs:documentation>
      </xs:annotation>
      <xs:element name="ReportingRU" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Company (RICS) Code of the RU who is reporting
the event</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="MessageCreationDateTime" type="xs:dateTime">
        <xs:annotation>
          <xs:documentation>Timestamp of Creation of
Message</xs:documentation>
          <xs:documentation>the timestamp is created by the originally
sending RU, it remains unchanged, when forwarded by the central ISR
application</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="WagonNumberFreight"/>
      <xs:element name="Event">
        <xs:annotation>
          <xs:documentation>Information belonging to the
event</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="EventType"/>
            <xs:element name="EventDateTime" type="xs:dateTime">
              <xs:annotation>
                <xs:documentation>Event Time Stamp </xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="EventLocationInformation" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Information concerning the event
location. Optional for event types 06 and 16, these events may not have a location.
But for all remaining event types, at least one of the elements EventLocation or
Position should be sent</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="EventLocation" type="LocationIdent"
minOccurs="0">
                    <xs:annotation>
                      <xs:documentation>Location where the event
happend</xs:documentation>
                    </xs:annotation>
                  </xs:element>

```

```

        <xs:element name="Position" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Geo coordinates of the wagon event
location in WGS84 as used in the CRD</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="Latitude" type="xs:decimal"/>
                    <xs:element name="Longitude" type="xs:decimal"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:sequence>
    <xs:complexType>
        <xs:element>
            <xs:element name="LoadingStatus" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Loading status of the equipment. 0=Empty,
1=Loaded</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:integer">
                        <xs:enumeration value="0"/>
                        <xs:enumeration value="1"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="ShippingLocation" type="LocationIdent"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Shipping Station ( TAF location code with
optional SLC type 42 or 36)</xs:documentation>
                    <xs:documentation>use here the station code of the station the
wagon has started its transport run</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="DestinationLocation" type="LocationIdent"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Destination Station ( TAF location code with
optional SLC type 42 or 36)</xs:documentation>
                    <xs:documentation>use here the station code of the station the
wagon shall terminate its transport run </xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="Train" minOccurs="0">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="OperationalTrainNumberIdentifier">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element ref="OperationalTrainNumber"/>

```

```

<xs:element ref="ScheduledTimeAtHandover"
minOccurs="0"/>
<xs:element ref="ScheduledDateTimeAtTransfer"
minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="TrainOperatingRU" type="CompanyCode"
minOccurs="0"/>
<xs:element ref="TrainOperationalIdentification"
minOccurs="0">
<xs:annotation>
<xs:documentation>TAF TrainID of the related
train</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="TrainDepartureDate" type="xs:date"
minOccurs="0">
<xs:annotation>
<xs:documentation>Out only: Departure Date of the Train
</xs:documentation>
<xs:documentation>use here the date the train left origin
using this train number</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ConsignmentIdentification" minOccurs="0"
maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>List of Identifications for the consignment In
order to identify the consignment(s) on the wagon, the ControllLabel and or
DossierNumber for each consignment must be present if the wagon is loaded and the
Consignment Note is already available</xs:documentation>
<xs:documentation>consignment note number (without carrier (due to
history))</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element name="ControllLabel" minOccurs="0">
<xs:complexType>
<xs:sequence>
<xs:element name="ShippingCountry">
<xs:annotation>
<xs:documentation>Forwarding UIC Country
Code</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="2">
<xs:annotation>
<xs:documentation>= 2N = UIC country code
according to UIC leaflet 920-14</xs:documentation>
</xs:annotation>

```

```

        </xs:length>
        <xs:pattern value="\d*[1-9]\d*" />
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ShippingStationCode">
    <xs:annotation>
        <xs:documentation>UIC Code of the shipping
station</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1" />
            <xs:maxLength value="5" />
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ShippingStationName" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Name of the shipping
station</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1" />
            <xs:maxLength value="24" />
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ShippingCarrier" type="CompanyCode"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>RICS Code of the RU who created the
consignment identification (not necessarily the first carrier in the transport
chain)</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="AcceptanceDate" type="xs:date"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Forwarding
Date</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ConsignmentNumber"
type="ConsignmentIdent" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DossierNumber" type="xs:string"
minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="Routing" minOccurs="0">

```

```

        <xs:annotation>
          <xs:documentation>Route information. Keep the sequence of each
part of the route!</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CarriersInvolved" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Carrier" maxOccurs="20">
              <xs:annotation>
                <xs:documentation>Carrier(s) involved</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="RU" type="CompanyCode">
                    <xs:annotation>
                      <xs:documentation>Carrier (Railway
Code)</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element ref="CarrierStatus" minOccurs="0"/>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="WagonJourneyIrregularity" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DamageCodes" minOccurs="0"
maxOccurs="unbounded">
              <xs:annotation>
                <xs:documentation>List of Damage Codes according to
description in GCU Appendix 9 Annex 1</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="DamageCodePosition1">
                    <xs:simpleType>
                      <xs:restriction base="xs:short">
                        <xs:minInclusive value="1"/>
                        <xs:maxInclusive value="99"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                  <xs:element name="DamageCodePosition2" minOccurs="0">
                    <xs:simpleType>
                      <xs:restriction base="xs:short">
                        <xs:minInclusive value="1"/>
                        <xs:maxInclusive value="99"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                  <xs:element name="DamageCodePosition3" minOccurs="0">

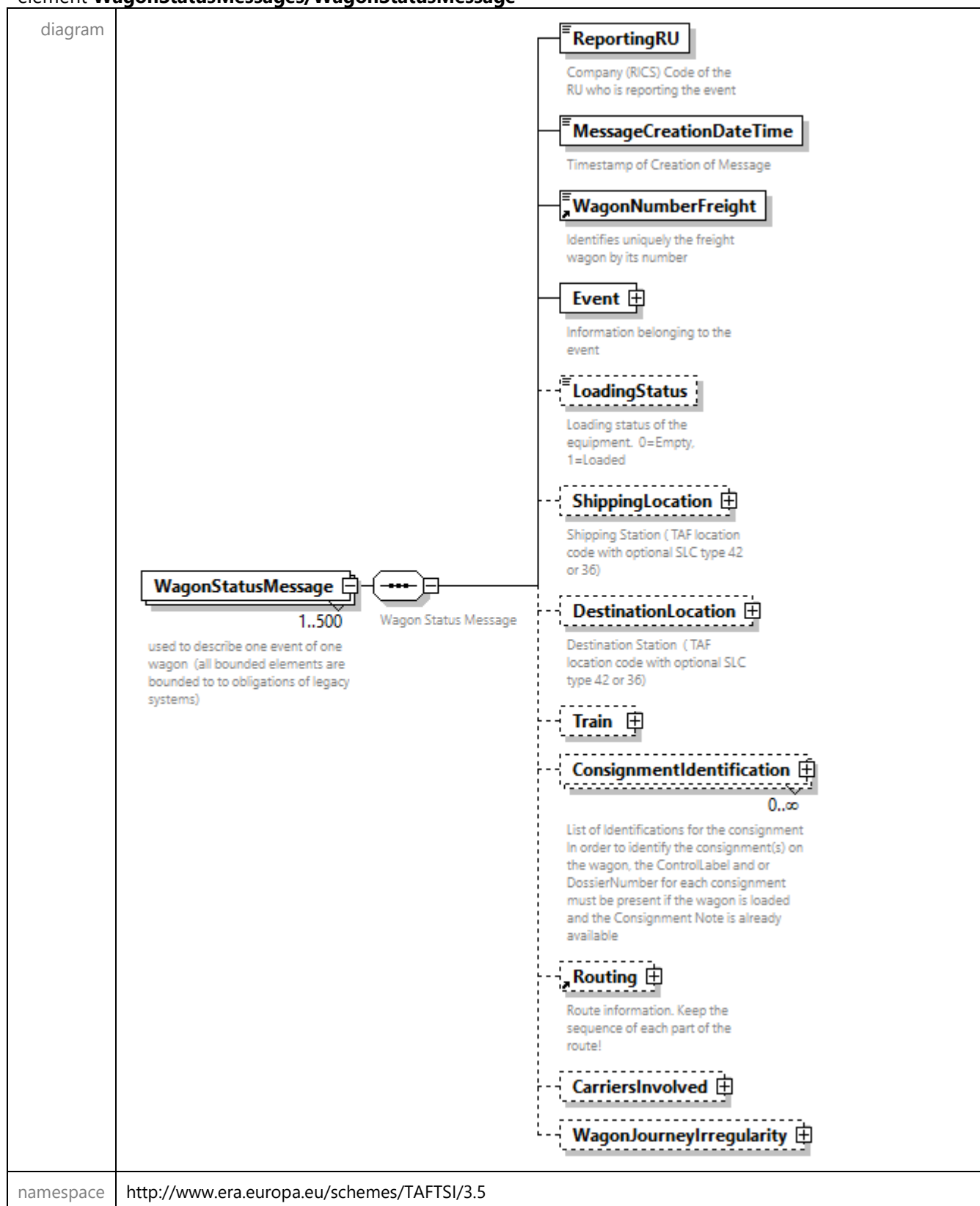
```

```

        <xs:simpleType>
          <xs:restriction base="xs:short">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="DamageCodePosition4" minOccurs="0">
        <xs:simpleType>
          <xs:restriction base="xs:short">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="DamageOldOrNew" minOccurs="0">
        <xs:simpleType>
          <xs:restriction base="xs:short">
            <xs:enumeration value="0"/>
            <xs:enumeration value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="IsAbleToRun" type="xs:boolean"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>True if the damage does not cause an
interruption of the transport run. False otherwise: The damage causes an
interruption of the transport run (the wagon has to be repaired, the loading of
the good has to be bettered, . . .</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **WagonStatusMessages/WagonStatusMessage**



properties	minOcc 1 maxOcc 500 content complex
children	ReportingRU MessageCreationDateTime WagonNumberFreight Event LoadingStatus ShippingLocation DestinationLocation Train ConsignmentIdentification Routing CarriersInvolved WagonJourneyIrregularity
annotation	documentation used to describe one event of one wagon (all bounded elements are bounded to to obligations of legacy systems)
source	<pre> <xs:element name="WagonStatusMessage" maxOccurs="500"> <xs:annotation> <xs:documentation>used to describe one event of one wagon (all bounded elements are bounded to to obligations of legacy systems)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:annotation> <xs:documentation>Wagon Status Message</xs:documentation> </xs:annotation> <xs:element name="ReportingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Company (RICS) Code of the RU who is reporting the event</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageCreationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Timestamp of Creation of Message</xs:documentation> <xs:documentation>the timestamp is created by the originally sending RU, it remains unchanged, when forwarded by the central ISR application</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="WagonNumberFreight"/> <xs:element name="Event"> <xs:annotation> <xs:documentation>Information belonging to the event</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="EventType"/> <xs:element name="EventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Event Time Stamp </xs:documentation> </xs:annotation> </xs:element> <xs:element name="EventLocationInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining event types, at least one of the elements EventLocation or Position should be sent</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="EventLocation" type="LocationIdent"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>Location where the event
happend</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Position" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Geo coordinates of the wagon event
location in WGS84 as used in the CRD</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="Latitude" type="xs:decimal"/>
          <xs:element name="Longitude" type="xs:decimal"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="LoadingStatus" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Loading status of the equipment. 0=Empty,
1=Loaded</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:enumeration value="0"/>
      <xs:enumeration value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ShippingLocation" type="LocationIdent" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Shipping Station ( TAF location code with optional SLC
type 42 or 36)</xs:documentation>
    <xs:documentation>use here the station code of the station the wagon has
started its transport run</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DestinationLocation" type="LocationIdent" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Destination Station ( TAF location code with optional
SLC type 42 or 36)</xs:documentation>
    <xs:documentation>use here the station code of the station the wagon shall
terminate its transport run </xs:documentation>
  </xs:annotation>
</xs:element>

```

```

<xs:element name="Train" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="OperationalTrainNumberIdentifier">
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="OperationalTrainNumber"/>
            <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/>
            <xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="TrainOperatingRU" type="CompanyCode"
minOccurs="0"/>
      <xs:element ref="TrainOperationalIdentification" minOccurs="0">
        <xs:annotation>
          <xs:documentation>TAF TrainID of the related
train</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TrainDepartureDate" type="xs:date" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Out only: Departure Date of the Train
</xs:documentation>
          <xs:documentation>use here the date the train left origin using
this train number</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ConsignmentIdentification" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>List of Identifications for the consignment In order
to identify the consignment(s) on the wagon, the Controllabel and or DossierNumber
for each consignment must be present if the wagon is loaded and the Consignment Note
is already available</xs:documentation>
    <xs:documentation>consignment note number (without carrier (due to
history))</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Controllabel" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ShippingCountry">
              <xs:annotation>
                <xs:documentation>Forwarding UIC Country
Code</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="2">
                    <xs:annotation>

```

```

        <xs:documentation>= 2N = UIC country code according to
UIC leaflet 920-14</xs:documentation>
        </xs:annotation>
        </xs:length>
        <xs:pattern value="\d*[1-9]\d*" />
        </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="ShippingStationCode">
        <xs:annotation>
            <xs:documentation>UIC Code of the shipping
station</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1" />
                <xs:maxLength value="5" />
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="ShippingStationName" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Name of the shipping
station</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1" />
                <xs:maxLength value="24" />
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="ShippingCarrier" type="CompanyCode"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>RICS Code of the RU who created the
consignment identification (not necessarily the first carrier in the transport
chain)</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="AcceptanceDate" type="xs:date"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Forwarding Date</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="ConsignmentNumber" type="ConsignmentIdent" />
</xs:sequence>
</xs:complexType>
</xs:element>
    <xs:element name="DossierNumber" type="xs:string" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
    <xs:element ref="Routing" minOccurs="0">

```

```

        <xs:annotation>
          <xs:documentation>Route information. Keep the sequence of each part of
the route!</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CarriersInvolved" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Carrier" maxOccurs="20">
              <xs:annotation>
                <xs:documentation>Carrier(s) involved</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="RU" type="CompanyCode">
                    <xs:annotation>
                      <xs:documentation>Carrier (Railway
Code)</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element ref="CarrierStatus" minOccurs="0"/>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="WagonJourneyIrregularity" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DamageCodes" minOccurs="0" maxOccurs="unbounded">
              <xs:annotation>
                <xs:documentation>List of Damage Codes according to description in
GCU Appendix 9 Annex 1</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="DamageCodePosition1">
                    <xs:simpleType>
                      <xs:restriction base="xs:short">
                        <xs:minInclusive value="1"/>
                        <xs:maxInclusive value="99"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                  <xs:element name="DamageCodePosition2" minOccurs="0">
                    <xs:simpleType>
                      <xs:restriction base="xs:short">
                        <xs:minInclusive value="1"/>
                        <xs:maxInclusive value="99"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                  <xs:element name="DamageCodePosition3" minOccurs="0">
                    <xs:simpleType>

```

	<pre> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DamageCodePosition4" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DamageOldOrNew" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="IsAbleToRun" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, . . .</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/ReportingRU**

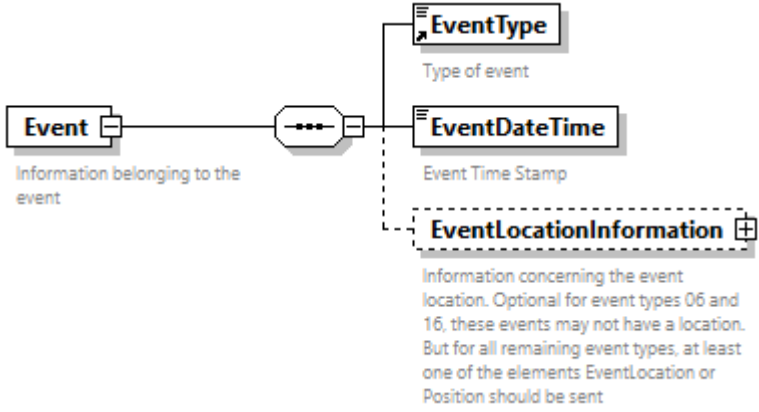
diagram	 Company (RICS) Code of the RU who is reporting the event		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	4	

	maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Company (RICS) Code of the RU who is reporting the event
source	<pre><xs:element name="ReportingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Company (RICS) Code of the RU who is reporting the event</xs:documentation> </xs:annotation> </xs:element></pre>

element **WagonStatusMessages/WagonStatusMessage/MessageCreationDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Timestamp of Creation of Message documentation the timestamp is created by the originally sending RU, it remains unchanged, when forwarded by the central ISR application
source	<pre><xs:element name="MessageCreationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Timestamp of Creation of Message</xs:documentation> <xs:documentation>the timestamp is created by the originally sending RU, it remains unchanged, when forwarded by the central ISR application</xs:documentation> </xs:annotation> </xs:element></pre>

element **WagonStatusMessages/WagonStatusMessage/Event**

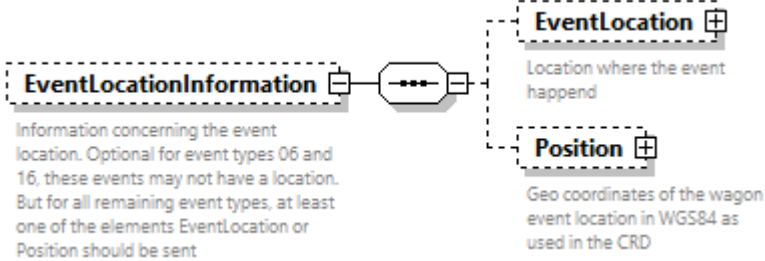
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	EventType EventDateTime EventLocationInformation
annotation	documentation Information belonging to the event
source	<pre> <xs:element name="Event"> <xs:annotation> <xs:documentation>Information belonging to the event</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="EventType"/> <xs:element name="EventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Event Time Stamp </xs:documentation> </xs:annotation> </xs:element> <xs:element name="EventLocationInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining event types, at least one of the elements EventLocation or Position should be sent</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EventLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Location where the event happend</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Position" minOccurs="0"> <xs:annotation> <xs:documentation>Geo coordinates of the wagon event location in WGS84 as used in the CRD</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Latitude" type="xs:decimal"/> <xs:element name="Longitude" type="xs:decimal"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/Event/EventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Event Time Stamp
source	<pre><xs:element name="EventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Event Time Stamp </xs:documentation> </xs:annotation> </xs:element></pre>

element **WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation**

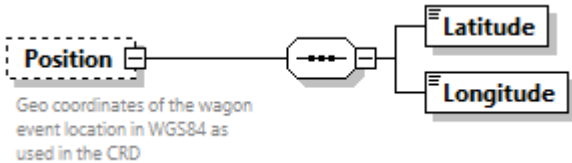
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	EventLocation Position
annotation	documentation Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining event types, at least one of the elements EventLocation or Position should be sent
source	<pre><xs:element name="EventLocationInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining event types, at least one of the elements EventLocation or Position should be sent</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EventLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Location where the event happend</xs:documentation> </xs:annotation> </pre>

	<pre> </xs:element> <xs:element name="Position" minOccurs="0"> <xs:annotation> <xs:documentation>Geo coordinates of the wagon event location in WGS84 as used in the CRD</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Latitude" type="xs:decimal"/> <xs:element name="Longitude" type="xs:decimal"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/EventLocation**

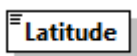
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Location where the event happend
source	<pre> <xs:element name="EventLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Location where the event happend</xs:documentation> </xs:annotation> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/Position**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Latitude Longitude
annotation	documentation Geo coordinates of the wagon event location in WGS84 as used in the CRD
source	<pre> <xs:element name="Position" minOccurs="0"> <xs:annotation> <xs:documentation>Geo coordinates of the wagon event location in WGS84 as used in the CRD</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Latitude" type="xs:decimal"/> <xs:element name="Longitude" type="xs:decimal"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element

WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/Position/Latitude

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:decimal
properties	content simple
used by	element GeographicCoordinates
source	<pre> <xs:element name="Latitude" type="xs:decimal"/> </pre>

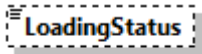
element

WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/Position/Longitude

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:decimal
properties	content simple
used by	element GeographicCoordinates
source	<code><xs:element name="Longitude" type="xs:decimal"/></code>

element **WagonStatusMessages/WagonStatusMessage/LoadingStatus**

diagram	 Loading status of the equipment. 0=Empty, 1=Loaded
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
used by	elements ILU Details ITU Details RollingRoadUnit/RollingRoadUnitDetails Wagons/WagonDetails WagonInformation WagonLoad
facets	Kind Value Annotation enumeration 0 enumeration 1
annotation	documentation Loading status of the equipment. 0=Empty, 1=Loaded
source	<pre> <xs:element name="LoadingStatus" minOccurs="0"> <xs:annotation> <xs:documentation>Loading status of the equipment. 0=Empty, 1=Loaded</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/ShippingLocation**

diagram	The diagram illustrates the structure of the ShippingLocation element. It is a complex type containing four child elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. The ShippingLocation element is represented by a dashed box with a small square icon. The LocationIdent container is represented by a yellow dashed box. The CountryCodeISO element is represented by a box with a small square icon and the text "Identifies a County or State by code (ISO 3166-1)". The LocationPrimaryCode element is represented by a box with a small square icon. The PrimaryLocationName element is represented by a dashed box with a small square icon and the text "Location Name in an offication language of the Country using the ISO Unicode alphabet". The LocationSubsidiaryIdentification element is represented by a dashed box with a small square icon and the text "Code, Name and allocation company of Subsidiary Location".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Shipping Station (TAF location code with optional SLC type 42 or 36) documentation use here the station code of the station the wagon has started its transport run
source	<pre> <xs:element name="ShippingLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Shipping Station (TAF location code with optional SLC type 42 or 36)</xs:documentation> <xs:documentation>use here the station code of the station the wagon has started its transport run</xs:documentation> </xs:annotation> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/DestinationLocation**

diagram	DestinationLocation Destination Station (TAF location code with optional SLC type 42 or 36) LocationIdent CountryCodeISO Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification Code, Name and allocation company of Subsidiary Location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Destination Station (TAF location code with optional SLC type 42 or 36) documentation use here the station code of the station the wagon shall terminate its transport run
source	<pre> <xs:element name="DestinationLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Destination Station (TAF location code with optional SLC type 42 or 36)</xs:documentation> <xs:documentation>use here the station code of the station the wagon shall terminate its transport run </xs:documentation> </xs:annotation> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/Train**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	OperationalTrainNumberIdentifier TrainOperatingRU TrainOperationalIdentification TrainDepartureDate
source	<pre> <xs:element name="Train" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="OperationalTrainNumberIdentifier"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumber"/> <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/> <xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="TrainOperatingRU" type="CompanyCode" minOccurs="0"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"> <xs:annotation> <xs:documentation>TAF TrainID of the related train</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TrainDepartureDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Out only: Departure Date of the Train <xs:documentation>use here the date the train left origin using this train number</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier**

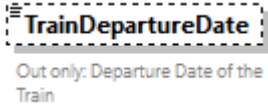
diagram	OperationalTrainNumber Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc. ScheduledTimeAtHandover The referenced date and time of departure or entrance at the border between two different IMs ScheduledDateTimeAtTransfer The referenced date and time of arrival or exit at the border between two different IMs
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	OperationalTrainNumber ScheduledTimeAtHandover ScheduledDateTimeAtTransfer
used by	elements AffectedLocation AffectedSection ChangeOfTrackMessage PassengerTrainCompositionMessage ReferenceOTN RollingStockRestrictionMessage TrainAtLocation TrainCompositionHermesCompatibleMessage TrainCompositionMessage TrainDelayCauseMessage TrainForecastedDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage RunningStatusReportMessage/TransportDeviceID
source	<pre> <xs:element name="OperationalTrainNumberIdentifier"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumber"/> <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/> <xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/Train/TrainOperatingRU**

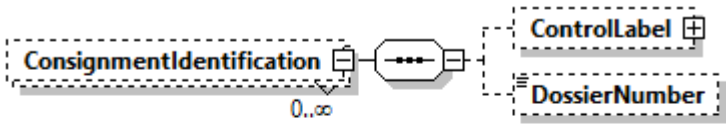
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	

source	<code><xs:element name="TrainOperatingRU" type="CompanyCode" minOccurs="0"/></code>

element **WagonStatusMessages/WagonStatusMessage/Train/TrainDepartureDate**

diagram	 Out only: Departure Date of the Train
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Out only: Departure Date of the Train documentation use here the date the train left origin using this train number
source	<pre> <xs:element name="TrainDepartureDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Out only: Departure Date of the Train </xs:documentation> <xs:documentation>use here the date the train left origin using this train number</xs:documentation> </xs:annotation> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification**

diagram	 List of Identifications for the consignment In order to identify the consignment(s) on the wagon, the ControlLabel and or DossierNumber for each consignment must be present if the wagon is loaded and the Consignment Note is already available
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	ControlLabel DossierNumber
annotation	documentation List of Identifications for the consignment In order to identify the consignment(s) on the wagon, the ControlLabel and or DossierNumber for each consignment must be present if the wagon is loaded and the Consignment Note is already available documentation consignment note number (without carrier (due to history))

source

```
<xs:element name="ConsignmentIdentification" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>List of Identifications for the consignment In order to
identify the consignment(s) on the wagon, the ControlLabel and or DossierNumber for
each consignment must be present if the wagon is loaded and the Consignment Note
is already available</xs:documentation>
    <xs:documentation>consignment note number (without carrier (due to
history))</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ControlLabel" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ShippingCountry">
              <xs:annotation>
                <xs:documentation>Forwarding UIC Country Code</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="2">
                    <xs:annotation>
                      <xs:documentation>= 2N = UIC country code according to UIC
leaflet 920-14</xs:documentation>
                    </xs:annotation>
                  </xs:length>
                  <xs:pattern value="\d*[1-9]\d*" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="ShippingStationCode">
              <xs:annotation>
                <xs:documentation>UIC Code of the shipping
station</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="5"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="ShippingStationName" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Name of the shipping station</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="24"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

	<pre> <xs:element name="ShippingCarrier" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>RICS Code of the RU who created the consignment identification (not necessarily the first carrier in the transport chain)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AcceptanceDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Forwarding Date</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ConsignmentNumber" type="ConsignmentIdent"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="DossierNumber" type="xs:string" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/Controllabel**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ShippingCountry ShippingStationCode ShippingStationName ShippingCarrier AcceptanceDate ConsignmentNumber

source

```
<xs:element name="ControlLabel" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ShippingCountry">
        <xs:annotation>
          <xs:documentation>Forwarding UIC Country Code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="2">
              <xs:annotation>
                <xs:documentation>= 2N = UIC country code according to UIC leaflet
920-14</xs:documentation>
              </xs:annotation>
            </xs:length>
            <xs:pattern value="\d*[1-9]\d*" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ShippingStationCode">
        <xs:annotation>
          <xs:documentation>UIC Code of the shipping station</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1" />
            <xs:maxLength value="5" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ShippingStationName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of the shipping station</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1" />
            <xs:maxLength value="24" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ShippingCarrier" type="CompanyCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>RICS Code of the RU who created the consignment
identification (not necessarily the first carrier in the transport
chain)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="AcceptanceDate" type="xs:date" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Forwarding Date</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ConsignmentNumber" type="ConsignmentIdent" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

	<pre> </xs:sequence> </xs:complexType> </xs:element> </pre>

element

WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingCountry

diagram	ShippingCountry Forwarding UIC Country Code												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>2</td><td>documentation</td></tr><tr><td></td><td></td><td>= 2N = UIC country code according to UIC leaflet 920-14</td></tr><tr><td>pattern</td><td colspan="2">\d*[1-9]\d*</td></tr></table>	Kind	Value	Annotation	length	2	documentation			= 2N = UIC country code according to UIC leaflet 920-14	pattern	\d*[1-9]\d*	
Kind	Value	Annotation											
length	2	documentation											
		= 2N = UIC country code according to UIC leaflet 920-14											
pattern	\d*[1-9]\d*												
annotation	documentation Forwarding UIC Country Code												
source	<pre><xs:element name="ShippingCountry"> <xs:annotation> <xs:documentation>Forwarding UIC Country Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"> <xs:annotation> <xs:documentation>= 2N = UIC country code according to UIC leaflet 920-14</xs:documentation> </xs:annotation> </xs:length> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element

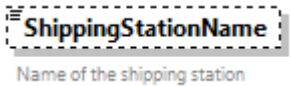
WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingStation Code

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation UIC Code of the shipping station
source	<pre><xs:element name="ShippingStationCode"> <xs:annotation> <xs:documentation>UIC Code of the shipping station</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

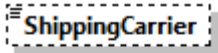
element

WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingStation Name

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 24
annotation	documentation Name of the shipping station
source	<pre><xs:element name="ShippingStationName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the shipping station</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

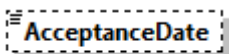
element

WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingCarrier

diagram	 ShippingCarrier RICS Code of the RU who created the consignment identification (not necessarily the first carrier in the transport chain)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompanyCode
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation RICS Code of the RU who created the consignment identification (not necessarily the first carrier in the transport chain)
source	<pre><xs:element name="ShippingCarrier" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>RICS Code of the RU who created the consignment identification (not necessarily the first carrier in the transport chain)</xs:documentation> </xs:annotation> </xs:element></pre>

element

WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/AcceptanceDate

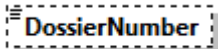
diagram	 AcceptanceDate Forwarding Date
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forwarding Date
source	<pre><xs:element name="AcceptanceDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Forwarding Date</xs:documentation> </xs:annotation> </xs:element></pre>

element

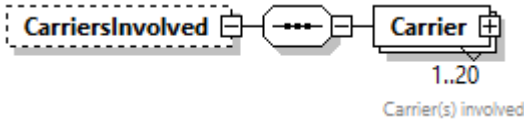
WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ConsignmentNumber

diagram	 A diagram showing a rectangular box with the text "ConsignmentNumber" inside. The box has a small square icon in the top-left corner.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ConsignmentIdent
properties	content complex
source	<code><xs:element name="ConsignmentNumber" type="ConsignmentIdent"/></code>

element **WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/DossierNumber**

diagram	 A diagram showing a dashed rectangular box with the text "DossierNumber" inside. The box has a small square icon in the top-left corner.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="DossierNumber" type="xs:string" minOccurs="0"/></code>

element **WagonStatusMessages/WagonStatusMessage/CarriersInvolved**

diagram	 A diagram showing a dashed rectangular box with the text "CarriersInvolved" inside. To the right of this box is a sequence container (a rectangle with a dashed line and a small square icon) containing a box labeled "Carrier". Below the "Carrier" box is the text "1..20" and "Carrier(s) involved".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Carrier
source	<pre><xs:element name="CarriersInvolved" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Carrier" maxOccurs="20"> <xs:annotation> <xs:documentation>Carrier(s) involved</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RU" type="CompanyCode"></pre>

	<pre> <xs:annotation> <xs:documentation>Carrier (Railway Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="CarrierStatus" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/CarriersInvolved/Carrier**

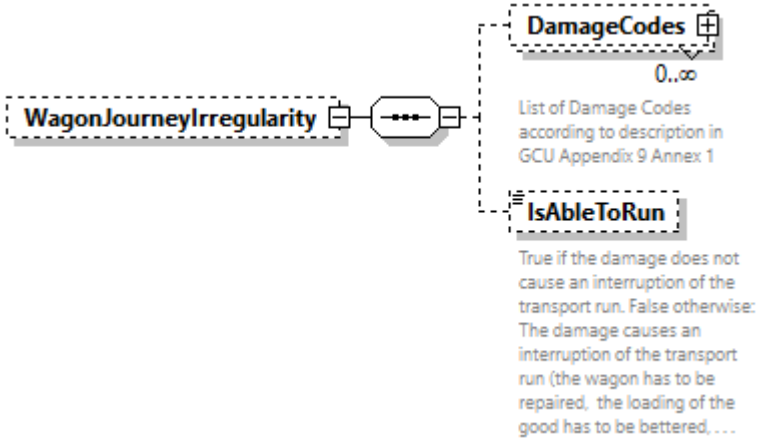
diagram	Carrier (Railway Code) CarrierStatus Status of the carrier during the transport 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier 3 to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc 20 content complex
children	RU CarrierStatus
annotation	documentation Carrier(s) involved
source	<pre> <xs:element name="Carrier" maxOccurs="20"> <xs:annotation> <xs:documentation>Carrier(s) involved</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RU" type="CompanyCode"> <xs:annotation> <xs:documentation>Carrier (Railway Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="CarrierStatus" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/CarriersInvolved/Carrier/RU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Carrier (Railway Code)												
source	<pre><xs:element name="RU" type="CompanyCode"> <xs:annotation> <xs:documentation>Carrier (Railway Code)</xs:documentation> </xs:annotation> </xs:element></pre>												

element **WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	DamageCodes IsAbleToRun
source	<pre> <xs:element name="WagonJourneyIrregularity" minOccurs="0"> </pre>

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="DamageCodes" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>List of Damage Codes according to description in GCU
Appendix 9 Annex 1</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="DamageCodePosition1">
          <xs:simpleType>
            <xs:restriction base="xs:short">
              <xs:minInclusive value="1"/>
              <xs:maxInclusive value="99"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="DamageCodePosition2" minOccurs="0">
          <xs:simpleType>
            <xs:restriction base="xs:short">
              <xs:minInclusive value="1"/>
              <xs:maxInclusive value="99"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="DamageCodePosition3" minOccurs="0">
          <xs:simpleType>
            <xs:restriction base="xs:short">
              <xs:minInclusive value="1"/>
              <xs:maxInclusive value="99"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="DamageCodePosition4" minOccurs="0">
          <xs:simpleType>
            <xs:restriction base="xs:short">
              <xs:minInclusive value="1"/>
              <xs:maxInclusive value="99"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="DamageOldOrNew" minOccurs="0">
          <xs:simpleType>
            <xs:restriction base="xs:short">
              <xs:enumeration value="0"/>
              <xs:enumeration value="1"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:sequence>
  <xs:element name="IsAbleToRun" type="xs:boolean" minOccurs="0">
    <xs:annotation>
      <xs:documentation>True if the damage does not cause an interruption of

```

	the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, . . . <pre> </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	DamageCodePosition1 DamageCodePosition2 DamageCodePosition3 DamageCodePosition4 DamageOldOrNew
annotation	documentation List of Damage Codes according to description in GCU Appendix 9 Annex 1
source	<pre> <xs:element name="DamageCodes" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>List of Damage Codes according to description in GCU Appendix 9 Annex 1</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DamageCodePosition1"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DamageCodePosition2" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```
</xs:simpleType>
</xs:element>
<xs:element name="DamageCodePosition3" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:short">
      <xs:minInclusive value="1"/>
      <xs:maxInclusive value="99"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="DamageCodePosition4" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:short">
      <xs:minInclusive value="1"/>
      <xs:maxInclusive value="99"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="DamageOldOrNew" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:short">
      <xs:enumeration value="0"/>
      <xs:enumeration value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element

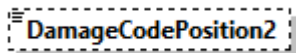
WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition1

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
source	<pre><xs:element name="DamageCodePosition1"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	</xs:element>

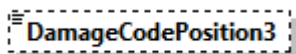
element

WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition2

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99
source	<pre><xs:element name="DamageCodePosition2" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element

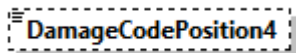
WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition3

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	minOcc0 maxOcc1 contentsimple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
source	<pre><xs:element name="DamageCodePosition3" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<code></xs:element></code>

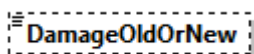
element

WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition4

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99
source	<pre><xs:element name="DamageCodePosition4" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

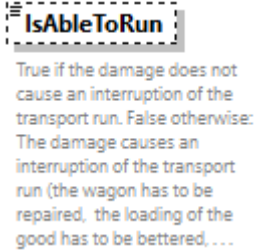
element

WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageOldOrNew

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
source	<pre><xs:element name="DamageOldOrNew" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

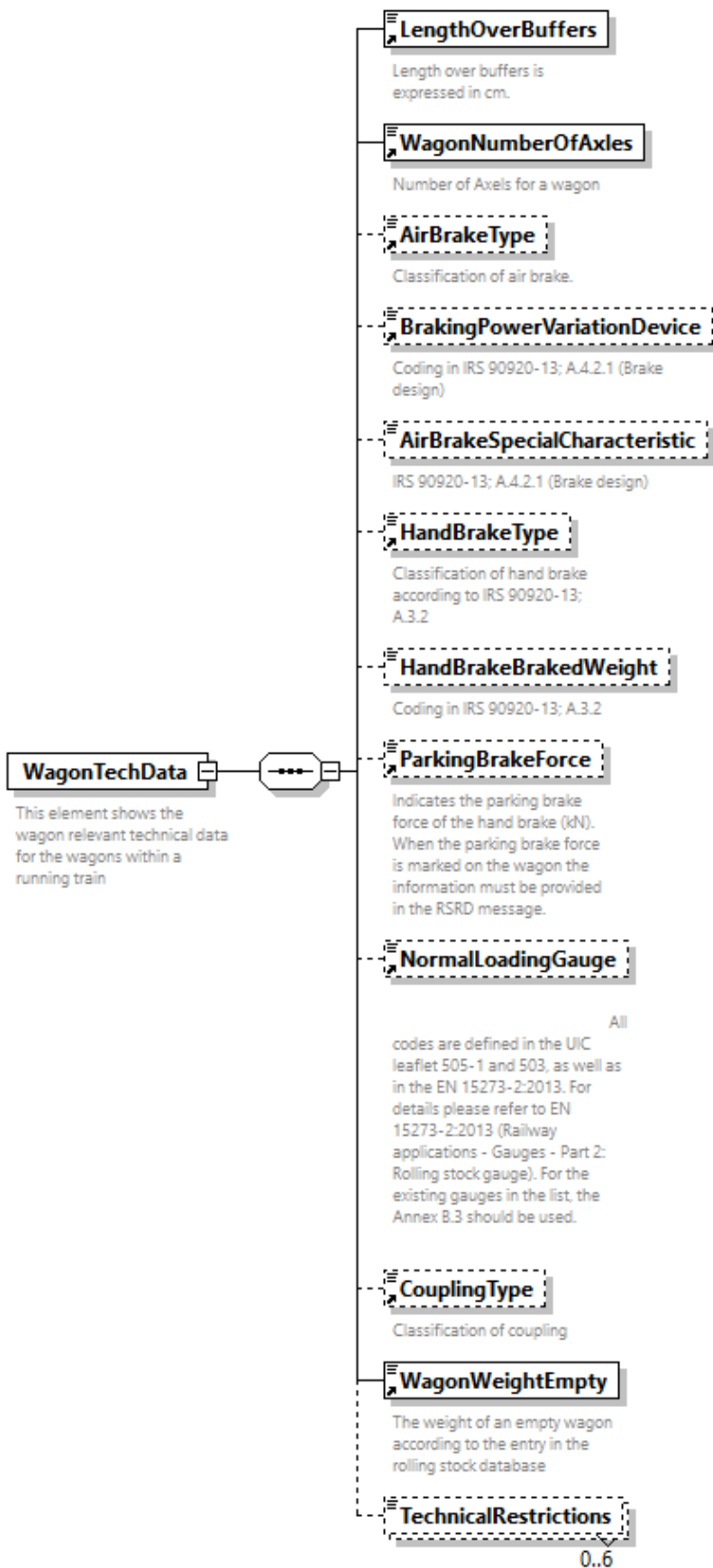
	<code></xs:element></code>

element **WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/IsAbleToRun**

diagram	 True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, ...)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, ...
source	<pre><xs:element name="IsAbleToRun" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, . . .</xs:documentation> </xs:annotation> </xs:element></pre>

element **WagonTechData**

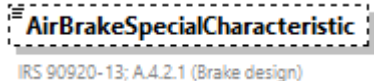
diagram



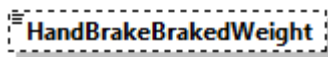
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LengthOverBuffers WagonNumberOfAxles AirBrakeType BrakingPowerVariationDevice AirBrakeSpecialCharacteristic HandBrakeType HandBrakeBrakedWeight ParkingBrakeForce NormalLoadingGauge CouplingType WagonWeightEmpty TechnicalRestrictions
used by	elements TrainOrCoachGroupComposition/Unit WagonData
annotation	documentation This element shows the wagon relevant technical data for the wagons within a running train
source	<pre> <xs:element name="WagonTechData"> <xs:annotation> <xs:documentation>This element shows the wagon relevant technical data for the wagons within a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LengthOverBuffers"/> <xs:element ref="WagonNumberOfAxles"/> <xs:element ref="AirBrakeType" minOccurs="0"/> <xs:element ref="BrakingPowerVariationDevice" minOccurs="0"/> <xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"> <xs:annotation> <xs:documentation>IRS 90920-13; A.4.2.1 (Brake design)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="HandBrakeType" minOccurs="0"/> <xs:element name="HandBrakeBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in IRS 90920-13; A.3.2 </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="000"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ParkingBrakeForce" minOccurs="0"/> <xs:element ref="NormalLoadingGauge" minOccurs="0"/> <xs:element ref="CouplingType" minOccurs="0"/> <xs:element ref="WagonWeightEmpty"/> <xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/> </xs:sequence> </xs:complexType> </pre>

	<code></xs:element></code>

element **WagonTechData/AirBrakeSpecialCharacteristic**

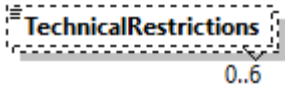
diagram	 A diagram showing the element AirBrakeSpecialCharacteristic with a dashed border. Below it, the text "IRS 90920-13; A.4.2.1 (Brake design)" is displayed.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	minOcc 0 maxOcc 1 content simple									
used by	elements RollingStockTechnicalData UnitTechnicalData									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>9</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	9	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	9									
annotation	documentation IRS 90920-13; A.4.2.1 (Brake design)									
source	<pre><xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"> <xs:annotation> <xs:documentation>IRS 90920-13; A.4.2.1 (Brake design)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **WagonTechData/HandBrakeBrakedWeight**

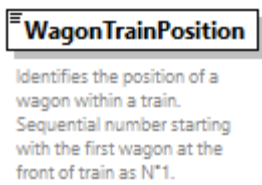
diagram	 HandBrakeBrakedWeight Coding in IRS 90920-13; A.3.2									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>000</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	000		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	000									
maxInclusive	999									
annotation	documentation Coding in IRS 90920-13; A.3.2									

source	<pre> <xs:element name="HandBrakeBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in IRS 90920-13; A.3.2 </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="000"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **WagonTechData/TechnicalRestrictions**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	Numeric2-2		
properties	minOcc	0	
	maxOcc	6	
	content	simple	
used by	element	WagonDataHERMES/WagonTechDataHERMES	
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
source	<pre> <xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/> </pre>		

element **WagonTrainPosition**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:int		
properties	content	simple	
used by	elements	WagonData WagonDataHERMES/WagonTechDataHERMES	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	999	

annotation	documentation Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.
source	<pre> <xs:element name="WagonTrainPosition"> <xs:annotation> <xs:documentation>Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **WagonWeightEmpty**

diagram	WagonWeightEmpty The weight of an empty wagon according to the entry in the rolling stock database												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	elements RollingStockDataset/DesignDataSet RollingStockTechnicalData UnitTechnicalData WagonTechData WagonDataHERMES/WagonTechDataHERMES Wagons/WagonDetails/WagonTypeDetails												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation The weight of an empty wagon according to the entry in the rolling stock database												
source	<pre><xs:element name="WagonWeightEmpty" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The weight of an empty wagon according to the entry in the rolling stock database</xs:documentation> </xs:annotation> </xs:element></pre>												

element **WeeklyPattern**

diagram	WeeklyPattern Indicate the weekly pattern of the TCR. This is NOT a calendar of validity days. The first element references Monday, the second Tuesday, etc.												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	BitmapWeek												
properties	content simple												
used by	complexTypees PeriodicalContinuousType TemporalExpansionType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>7</td><td></td></tr><tr><td>maxLength</td><td>7</td><td></td></tr><tr><td>pattern</td><td>[0-1]{7}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	7		maxLength	7		pattern	[0-1]{7}	
Kind	Value	Annotation											
minLength	7												
maxLength	7												
pattern	[0-1]{7}												
annotation	documentation Indicate the weekly pattern of the TCR. This is NOT a calendar of validity days. The first element references Monday, the second Tuesday, etc.												
source	<pre><xs:element name="WeeklyPattern" type="BitmapWeek"> <xs:annotation> <xs:documentation>Indicate the weekly pattern of the TCR. This is NOT a calendar of validity days. The first element references Monday, the second Tuesday, etc.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **WeightOf_NHM**

diagram	 Weight of NHM												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	element ILU InformationPerNHM												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Weight of NHM												
source	<xs:element name="WeightOf_NHM" type="WeightValueKilo"> <xs:annotation>												

	<pre> <xs:documentation>Weight of NHM</xs:documentation> </xs:annotation> </xs:element> </pre>

element **WeightOfAdditionalEquipment**

diagram	WeightOfAdditionalEquipment Weight of additional equipment												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	element AdditionalEquipment												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Weight of additional equipment												
source	<pre><xs:element name="WeightOfAdditionalEquipment" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Weight of additional equipment</xs:documentation> </xs:annotation> </xs:element></pre>												

element **WeightOfNetExplosiveMass**

diagram	WeightOfNetExplosiveMass Weight of net explosive mass												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	element ListOfDangerousGoods												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Weight of net explosive mass												
source	<xs:element name="WeightOfNetExplosiveMass" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Weight of net explosive mass</xs:documentation> </xs:annotation> </xs:element>												

	<code></xs:annotation></code> <code></xs:element></code>

element **WeightOfNHM**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	element InformationPerNHM												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Weight of NHM												
source	<pre><xs:element name="WeightOfNHM" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Weight of NHM</xs:documentation> </xs:annotation> </xs:element></pre>												

element **WeightOfSetOfCarriages**

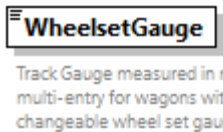
diagram	WeightOfSetOfCarriages The calculated maximum weight of all carriages without the traction									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	WeightValueTonne									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation The calculated maximum weight of all carriages without the traction									
source	<pre><xs:element name="WeightOfSetOfCarriages" type="WeightValueTonne"> <xs:annotation> <xs:documentation>The calculated maximum weight of all carriages without the traction</xs:documentation> </xs:annotation></pre>									

	</xs:element>

element **WheelDiameter**

diagram	WheelDiameter Diameter of wheels measured in mm. Reference wheel diameter at maximum.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation Diameter of wheels measured in mm. Reference wheel diameter at maximum.									
source	<pre><xs:element name="WheelDiameter"> <xs:annotation> <xs:documentation>Diameter of wheels measured in mm. Reference wheel diameter at maximum. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **WheelsetGauge**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	content simple

used by	element RollingStockDataset/DesignDataSet									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge									
source	<pre><xs:element name="WheelsetGauge"> <xs:annotation> <xs:documentation>Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **WheelSetTransformationMethod**

diagram	WheelSetTransformationMethod Description of the wheel set transformation method for wagons with a changeable wheel set gauge.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>1</td><td>documentation Automatic</td></tr><tr><td>enumeration</td><td>2</td><td>documentation Bogie/axle change</td></tr></tbody></table>	Kind	Value	Annotation	enumeration	1	documentation Automatic	enumeration	2	documentation Bogie/axle change
Kind	Value	Annotation								
enumeration	1	documentation Automatic								
enumeration	2	documentation Bogie/axle change								
annotation	documentation Description of the wheel set transformation method for wagons with a changeable wheel set gauge.									
source	<pre><xs:element name="WheelSetTransformationMethod"> <xs:annotation> <xs:documentation>Description of the wheel set transformation method for wagons with a changeable wheel set gauge.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"></pre>									

	<pre> <xs:annotation> <xs:documentation>Automatic</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Bogie/axle change</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Width**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Value Measure
used by	element Dimensions complexType DimensionValue
annotation	documentation Width of ITU
source	<pre> <xs:element name="Width"> <xs:annotation> <xs:documentation>Width of ITU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **XrailBokkingRecordID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

properties	content	simple
used by	element	WagonDataHERMES/Consignmentdata/ConsigneeInformation
facets	Kind	Value Annotation
	minLength	1
	maxLength	64
annotation	documentation	XBR-ID (XcbBokkingRecordID Xrail)
source	<pre><xs:element name="XrailBokkingRecordID"> <xs:annotation> <xs:documentation>XBR-ID (XcbBokkingRecordID Xrail)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </xs:element></pre>	

complexType **AffectedBordersType**

diagram	<pre> classDiagram class AffectedBordersType class AffectedBorder AffectedBordersType "1" -- "1..∞" AffectedBorder </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	AffectedBorder
used by	element TCRType/AffectedBorders
source	<pre> <xs:complexType name="AffectedBordersType"> <xs:sequence> <xs:element name="AffectedBorder" type="LocationIdent" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>

element **AffectedBordersType/AffectedBorder**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 1 maxOcc unbounded content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
source	<code><xs:element name="AffectedBorder" type="LocationIdent" maxOccurs="unbounded"/></code>

complexType **AffectedBorderType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	AffectedBorder
used by	elements CapacityProductSearchCriteria/AffectedBorderSearch TCRSearchCriteria/AffectedBorderSearch
source	<pre> <xs:complexType name="AffectedBorderType"> <xs:sequence> <xs:element name="AffectedBorder" type="LocationIdent" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>

element **AffectedBorderType/AffectedBorder**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 1 maxOcc unbounded content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
source	<pre><xs:element name="AffectedBorder" type="LocationIdent" maxOccurs="unbounded"/></pre>

complexType **AffectedIMsType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	AffectedIM
used by	element TCRType/AffectedIMs
source	<pre><xs:complexType name="AffectedIMsType"> <xs:sequence> <xs:element name="AffectedIM" type="AffectedIMType" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType></pre>

element **AffectedIMsType/AffectedIM**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	AffectedIMType
properties	minOcc 1 maxOcc unbounded content complex
children	CompanyCode CompanyName CoordinationStatus CoordinationComment
source	<code><xs:element name="AffectedIM" type="AffectedIMType" maxOccurs="unbounded"/></code>

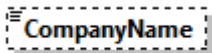
complexType **AffectedIMType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	CompanyCode CompanyName CoordinationStatus CoordinationComment
used by	element AffectedIMsType/AffectedIM
source	<pre> <xs:complexType name="AffectedIMType"> <xs:sequence> <xs:element name="CompanyCode" type="CompanyCode"/> <xs:element name="CompanyName" type="FreeText" minOccurs="0"/> <xs:element ref="CoordinationStatus" minOccurs="0"/> <xs:element name="CoordinationComment" type="xs:string" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

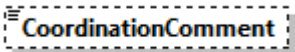
element **AffectedIMType/CompanyCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
source	<xs:element name="CompanyCode" type="CompanyCode"/>		

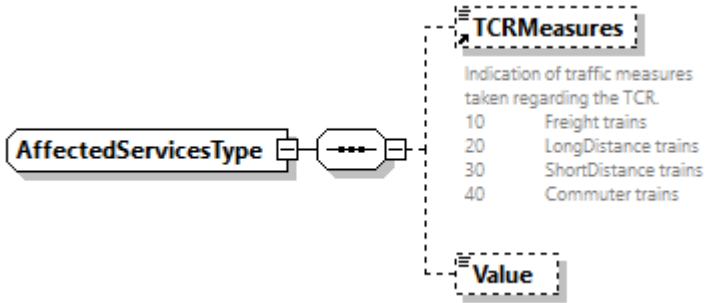
element **AffectedIMType/CompanyName**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
source	<xs:element name="CompanyName" type="FreeText" minOccurs="0"/>									

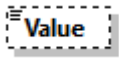
element **AffectedIMType/CoordinationComment**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	xs:string						
properties	<table> <tbody> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
source	<code><xs:element name="CoordinationComment" type="xs:string" minOccurs="0"/></code>						

complexType **AffectedServicesType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	TCRMeasures Value
used by	elements TrafficMeasuresType/Cancellation TrafficMeasuresType/Replacement TrafficMeasuresType/ReRouting
source	<pre> <xs:complexType name="AffectedServicesType"> <xs:sequence> <xs:element ref="TCRMeasures" minOccurs="0"/> <xs:element name="Value" type="xs:boolean" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

element **AffectedServicesType/Value**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
used by	elements Height Length Width
source	<pre> <xs:element name="Value" type="xs:boolean" minOccurs="0"/> </pre>

complexType **CapacityModelSearchCriteria**

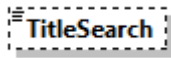
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	IDSearch TitleSearch CMVariantSearch TrainTypeSearch CategorySearch LocationSearch DateFromSearch DateToSearch
used by	element SearchCriteriaType/CapacityModelCriteria
annotation	documentation Defines the searching criteria which can be used in the CapacityProductSearchMessage to search for capacity model data.
source	<pre> <xs:complexType name="CapacityModelSearchCriteria"> <xs:annotation> <xs:documentation>Defines the searching criteria which can be used in the CapacityProductSearchMessage to search for capacity model data.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="IDSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="TitleSearch" type="FreeText" minOccurs="0"/> <xs:element name="CMVariantSearch" type="FreeText" minOccurs="0"/> <xs:element name="TrainTypeSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="TrainType" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="CategorySearch" minOccurs="0" maxOccurs="2"> <xs:complexType> <xs:sequence> </pre>

	<pre> <xs:element ref="Category" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="LocationSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="Location" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="DateFromSearch" type="xs:dateTime" minOccurs="0"/> <xs:element name="DateToSearch" type="xs:dateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

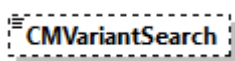
element **CapacityModelSearchCriteria/IDSearch**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	PlannedTransportIdentifiers
source	<pre> <xs:element name="IDSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

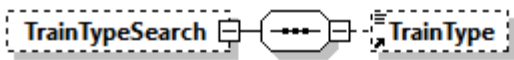
element **CapacityModelSearchCriteria/TitleSearch**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<xs:element name="TitleSearch" type="FreeText" minOccurs="0"/>

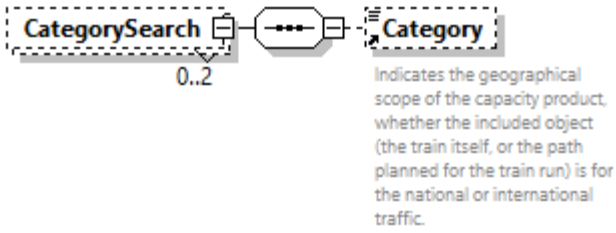
element **CapacityModelSearchCriteria/CMVariantSearch**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	minOcc0 maxOcc1 contentsimple
facets	KindValueAnnotation minLength1 maxLength255
source	<xs:element name="CMVariantSearch" type="FreeText" minOccurs="0"/>

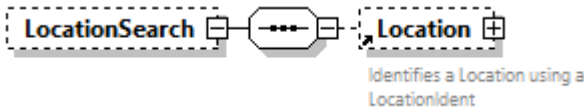
element **CapacityModelSearchCriteria/TrainTypeSearch**

diagram	 Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: Transport of passengers Transport of freight/goods Transport of passengers and freight/goods Train only for run of traction unit/locomotive Train of the IM in case of emergency The element is not repeatable, and it does not support any overlapping meaning.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	TrainType
source	<pre><xs:element name="TrainTypeSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="TrainType" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **CapacityModelSearchCriteria/CategorySearch**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 2 content complex
children	Category
source	<pre><xs:element name="CategorySearch" minOccurs="0" maxOccurs="2"> <xs:complexType> <xs:sequence> <xs:element ref="Category" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **CapacityModelSearchCriteria/LocationSearch**

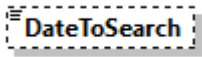
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Location
source	<pre><xs:element name="LocationSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="Location" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **CapacityModelSearchCriteria/DateFromSearch**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="DateFromSearch" type="xs:dateTime" minOccurs="0"/></code>

element **CapacityModelSearchCriteria/DateToSearch**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="DateToSearch" type="xs:dateTime" minOccurs="0"/></code>

complexType **CapacityModelType**

diagram

CapacityModelType

Identifiers

OperationalTrainNumber

Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.

Title

Title of the capacity product that will be presented to the users

CMVariant

The name of the variant where the capacity product belongs to.

LeadRU

Lead Railway Undertaking

CoordinatingIM

The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs.

Train Type

Element TrainType defines the main purpose of the train in a fundamental way. These purposes are:
Transport of passengers
Transport of freight/goods
Transport of passengers and freight/goods
Train only for run of traction unit/locomotive
Train of the IM in case of emergency
The element is not repeatable, and it does not support any overlapping meaning.

TrafficType

information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)

CapacityProductType

Capacity product type that indicates the partition where the particular capacity product belongs to.

Category

Indicates the geographical scope of the capacity product, whether the included object (the train itself, or the path planned for the train run) is for the national or international traffic.

PlannedCalendarExtended

TrafficContracted

TypeOfContract

MaxJourneyTime

It shall be used only for the CNA to indicate the limit of the journey time from origin to the destination, wished by the applicant

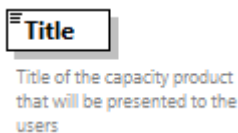
PlannedLocationInfo

2..∞

Comments

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	Identifiers OperationalTrainNumber Title CMVariant LeadRU CoordinatingIM TrainType TrafficType CapacityProductType Category PlannedCalendarExtended TrafficContracted TypeOfContract MaxJourneyTime PlannedLocationInfo Comments
used by	elements CapacityModelMessage/CapacityModelData CapacityProductMessage/CapacityModels
source	<pre> <xs:complexType name="CapacityModelType"> <xs:sequence> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="OperationalTrainNumber" minOccurs="0"/> <xs:element name="Title" type="FreeText"> <xs:annotation> <xs:documentation>Title of the capacity product that will be presented to the users</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CMVariant" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>The name of the variant where the capacity product belongs to.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="TrainType"/> <xs:element ref="TrafficType" minOccurs="0"/> <xs:element ref="CapacityProductType" minOccurs="0"/> <xs:element ref="Category"/> <xs:element name="PlannedCalendarExtended" type="PlannedCalendarExtendedType" minOccurs="0"/> <xs:element name="TrafficContracted" type="xs:boolean" minOccurs="0"/> <xs:element name="TypeOfContract" type="FreeText" minOccurs="0"/> <xs:element name="MaxJourneyTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>It shall be used only for the CNA to indicate the limit of the journey time from origin to the destination, wished by the applicant</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PlannedLocationInfo" type="PlannedLocationInfoType" minOccurs="2" maxOccurs="unbounded"/> <xs:element ref="Comments" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

element **CapacityModelType/Title**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	FreeText		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	
annotation	documentation Title of the capacity product that will be presented to the users		
source	<pre><xs:element name="Title" type="FreeText"> <xs:annotation> <xs:documentation>Title of the capacity product that will be presented to the users</xs:documentation> </xs:annotation> </xs:element></pre>		

element **CapacityModelType/CMVariant**

diagram	CMVariant The name of the variant where the capacity product belongs to.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation The name of the variant where the capacity product belongs to.									
source	<xs:element name="CMVariant" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>The name of the variant where the capacity product belongs to.</xs:documentation> </xs:annotation> </xs:element>									

element **CapacityModelType/PlannedCalendarExtended**

diagram	PlannedCalendarExtendedType PlannedCalendar + This is the calendar item for path request/path details messages - used in planning phase CirculationDays If the detailed running days are not yet clear inside the given validity period, it's possible to indicate only the circulation days. The numbering of the week days is according to the standard ISO 8601 FrequencyOfDays + If the detailed running days are not yet clear inside the given validity period, it's possible to indicate only the number of expected running days per a selected time unit (week or month).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	PlannedCalendarExtendedType
properties	minOcc 0 maxOcc 1 content complex
children	PlannedCalendar CirculationDays FrequencyOfDays
source	<pre><xs:element name="PlannedCalendarExtended" type="PlannedCalendarExtendedType" minOccurs="0"/></pre>

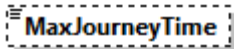
element **CapacityModelType/TrafficContracted**

diagram	TrafficContracted
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
source	<pre><xs:element name="TrafficContracted" type="xs:boolean" minOccurs="0"/></pre>

element **CapacityModelType/TypeOfContract**

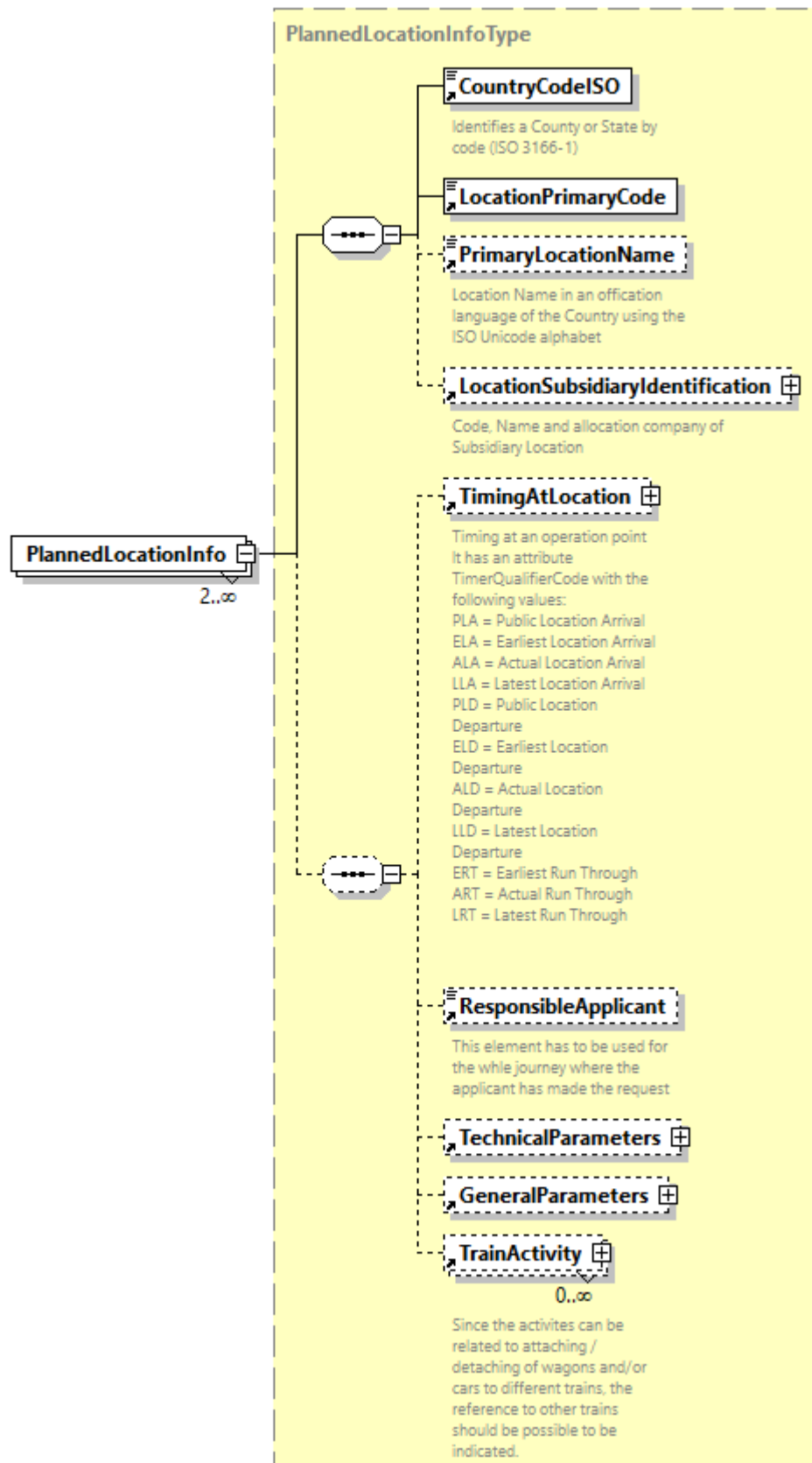
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<pre><xs:element name="TypeOfContract" type="FreeText" minOccurs="0"/></pre>

element **CapacityModelType/MaxJourneyTime**

diagram	 It shall be used only for the CNA to indicate the limit of the journey time from origin to the destination, wished by the applicant
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation It shall be used only for the CNA to indicate the limit of the journey time from origin to the destination, wished by the applicant
source	<pre><xs:element name="MaxJourneyTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>It shall be used only for the CNA to indicate the limit of the journey time from origin to the destination, wished by the applicant</xs:documentation> </xs:annotation> </xs:element></pre>

element **CapacityModelType/PlannedLocationInfo**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	PlannedLocationInfoType
properties	minOcc 2 maxOcc unbounded content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification TimingAtLocation ResponsibleApplicant TechnicalParameters GeneralParameters TrainActivity
source	<pre><xs:element name="PlannedLocationInfo" type="PlannedLocationInfoType" minOccurs="2" maxOccurs="unbounded"/></pre>

complexType **CapacityProductSearchCriteria**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	IDSearch SectionSearch AffectedBorderSearch PlannedTrainData AffectedIMSearch DateFromSearch DateToSearch ObjectTypeSearch
used by	element SearchCriteriaType/PositiveCapacityProductCriteria
annotation	documentation Defines the Search Criteria of the "positive" capacity products that can be used in the CapacityProductSearchMessage.
source	<pre><xs:complexType name="CapacityProductSearchCriteria"> <xs:annotation> <xs:documentation>Defines the Search Criteria of the "positive" capacity products that can be used in the CapacityProductSearchMessage. </xs:documentation> </xs:annotation> <xs:sequence></pre>

	<pre> <xs:element name="IDSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="SectionSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Sections" type="SectionsType" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="AffectedBorderSearch" type="AffectedBorderType" minOccurs="0"/> <xs:element ref="PlannedTrainData" minOccurs="0"/> <xs:element name="AffectedIMSearch" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="Company"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="DateFromSearch" type="xs:dateTime" minOccurs="0"/> <xs:element name="DateToSearch" type="xs:dateTime" minOccurs="0"/> <xs:element name="ObjectTypeSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="ObjectType" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>

element **CapacityProductSearchCriteria/IDSearch**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	PlannedTransportIdentifiers
source	<pre> <xs:element name="IDSearch" minOccurs="0"> <xs:complexType> <xs:sequence> </pre>

	<pre> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

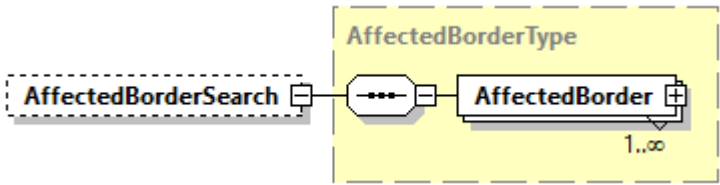
element **CapacityProductSearchCriteria/SectionSearch**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Sections
source	<pre> <xs:element name="SectionSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Sections" type="SectionsType" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

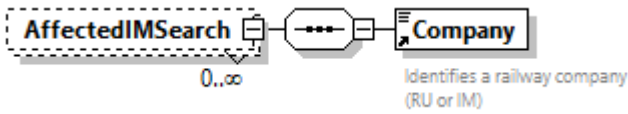
element **CapacityProductSearchCriteria/SectionSearch/Sections**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	SectionsType
properties	minOcc 1 maxOcc unbounded content complex
children	Section
source	<pre> <xs:element name="Sections" type="SectionsType" maxOccurs="unbounded"/> </pre>

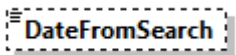
element **CapacityProductSearchCriteria/AffectedBorderSearch**

diagram	 The diagram shows a dashed box labeled 'AffectedBorderSearch' containing a sequence of two elements: a dashed box labeled 'AffectedBorderType' and a box labeled 'AffectedBorder'. The 'AffectedBorder' box has a multiplicity of '1..∞'.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	AffectedBorderType
properties	minOcc 0 maxOcc 1 content complex
children	AffectedBorder
source	<pre><xs:element name="AffectedBorderSearch" type="AffectedBorderType" minOccurs="0"/></pre>

element **CapacityProductSearchCriteria/AffectedIMSearch**

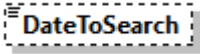
diagram	 The diagram shows a dashed box labeled 'AffectedIMSearch' with a multiplicity of '0..∞' containing a sequence of two elements: a dashed box labeled 'AffectedBorderType' and a box labeled 'Company'. The 'Company' box has a note: 'Identifies a railway company (RU or IM)'.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	Company
source	<pre><xs:element name="AffectedIMSearch" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="Company"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **CapacityProductSearchCriteria/DateFromSearch**

diagram	 The diagram shows a dashed box labeled 'DateFromSearch'.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple

source	<code><xs:element name="DateFromSearch" type="xs:dateTime" minOccurs="0"/></code>

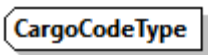
element **CapacityProductSearchCriteria/DateToSearch**

diagram	 A dashed box containing the text "DateToSearch".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="DateToSearch" type="xs:dateTime" minOccurs="0"/></code>

element **CapacityProductSearchCriteria/ObjectTypeSearch**

diagram	 A dashed box containing the text "ObjectTypeSearch" followed by a sequence container (a rectangle with a dashed line and three dots) and another dashed box containing the text "ObjectType". Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) and TCR(TC)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ObjectType
source	<code><xs:element name="ObjectTypeSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="ObjectType" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></code>

complexType **CargoCodeType**

diagram	 A rounded rectangle containing the text "CargoCodeType". Identification of the Cargo and the nomenclature used
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	extension of FreeText									
properties	base FreeText									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Identification of the Cargo and the nomenclature used									
source	<pre><xs:complexType name="CargoCodeType"> <xs:annotation> <xs:documentation>Identification of the Cargo and the nomenclature used</xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="FreeText"/> </xs:simpleContent> </xs:complexType></pre>									

complexType **CompositIdentifierOperationalType**

diagram	CompositIdentifierOperational... Used for unique identification of the objects handled in the messages such as train, path, path request or case reference. ObjectType Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) and TCR(TC) Company Identifies a railway company (RU or IM) Core It is the main part of identifier and is determent by the company that creates it. Variant The variant shows a relationship between two identifiers referring to the same business case TimetableYear Refers to the timetable period in which the business will be carried out StartDate Is only used in the operational phase and refers to the date where the single train will start the train journey
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements RelatedTransportOperationalIdentifiers TrainID TransportOperationalIdentifiers
annotation	documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.
source	<pre> <xs:complexType name="CompositIdentifierOperationalType"> <xs:annotation> <xs:documentation>Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="ObjectType"/> <xs:element ref="Company"/> <xs:element ref="Core"/> <xs:element ref="Variant"/> </pre>

	<pre> <xs:element ref="TimetableYear"/> <xs:element ref="StartDate"> <xs:annotation> <xs:documentation>Is only used in the operational phase and refers to the date where the single train will start the train journey</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType **CompositIdentifierPlannedType**

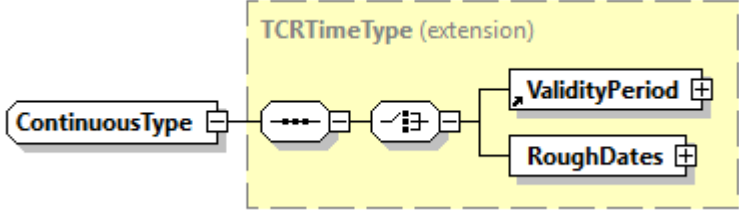
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements AssociatedAttachedTrainID ObjectInfoMessage/Identifier PlannedTransportIdentifiers ObjectInfoMessage/ReferenceTRID RelatedPlannedTransportIdentifiers TCRID
annotation	documentation Used for unique identification of the objects handled in the messages such as train, path, path request or

	case reference.
source	<pre> <xs:complexType name="CompositIdentifierPlannedType"> <xs:annotation> <xs:documentation>Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="ObjectType"/> <xs:element ref="Company"/> <xs:element ref="Core"/> <xs:element ref="Variant"/> <xs:element ref="TimetableYear"/> <xs:element ref="StartDate" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

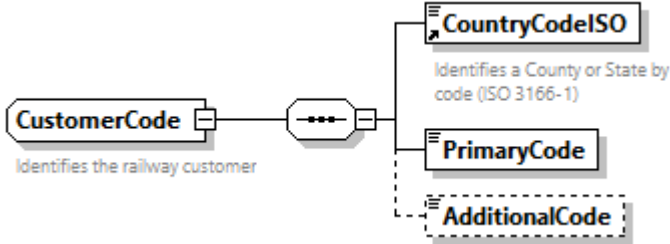
complexType **ConsignmentIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of xs:string
properties	base xs:string
used by	elements ConsignmentNumber WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ConsignmentNumber PreviousConsignmentNumber
annotation	documentation Identifies a waybill by its number and type
source	<pre> <xs:complexType name="ConsignmentIdent"> <xs:annotation> <xs:documentation>Identifies a waybill by its number and type</xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="xs:string"/> </xs:simpleContent> </xs:complexType> </pre>

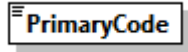
complexType **ContinuousType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of TCRTimeType
properties	base TCRTimeType
children	ValidityPeriod RoughDates
source	<pre><xs:complexType name="ContinuousType"> <xs:complexContent> <xs:extension base="TCRTimeType"/> </xs:complexContent> </xs:complexType></pre>

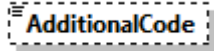
complexType **CustomerCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	CountryCodeISO PrimaryCode AdditionalCode
annotation	documentation Identifies the railway customer
source	<pre><xs:complexType name="CustomerCode"> <xs:annotation> <xs:documentation>Identifies the railway customer</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="PrimaryCode" type="String1-14"/> <xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

element **CustomerCode/PrimaryCode**

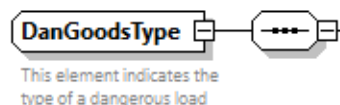
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	String1-14									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>14</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	14	
Kind	Value	Annotation								
minLength	1									
maxLength	14									
source	<xs:element name="PrimaryCode" type="String1-14"/>									

element **CustomerCode/AdditionalCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	String1-7									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>7</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	7	
Kind	Value	Annotation								
minLength	1									
maxLength	7									
source	<xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/>									

complexType **DanGoodsType**

diagram



HazardIdentificationNumber

This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.

UN_Number

The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".

DangerLabel

0..5

All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).

RID_Class

The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.

PackingGroup

The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".

DangerousGoodsWeight

The weight of the dangerous goods in Kilograms

DangerousGoodsVolume

The volume of the dangerous goods in cubic meters

LimitedQuantityIndicator

Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	HazardIdentificationNumber UN_Number DangerLabel RID_Class PackingGroup DangerousGoodsWeight DangerousGoodsVolume LimitedQuantityIndicator
used by	element DangerousGoodsIndication
annotation	documentation This element indicates the type of a dangerous load
source	<pre> <xs:complexType name="DanGoodsType"> <xs:annotation> <xs:documentation>This element indicates the type of a dangerous load</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:annotation> <xs:documentation>This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5"/> <xs:element ref="RID_Class" minOccurs="0"/> <xs:element ref="PackingGroup" minOccurs="0"/> <xs:element ref="DangerousGoodsWeight" minOccurs="0"> <xs:annotation> <xs:documentation>The weight of the dangerous goods in Kilograms</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </pre>

	<pre> </xs:annotation> </xs:element> <xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

element **DanGoodsType/HazardIdentificationNumber**

diagram	HazardIdentificationNumber This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
used by	element ListOfDangerousGoods									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	2		maxLength	4	
Kind	Value	Annotation								
minLength	2									
maxLength	4									
annotation	documentation This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.									
source	<pre><xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:annotation> <xs:documentation>This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DanGoodsType/UN_Number**

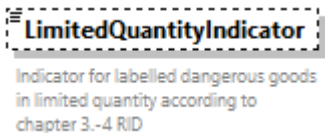
diagram	UN_Number The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
used by	element SummaryOFGoodsWithSameRID									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>4</td><td></td></tr><tr><td>pattern</td><td>\d*[1-9]\d*</td><td></td></tr></table>	Kind	Value	Annotation	length	4		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	4									
pattern	\d*[1-9]\d*									
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .									
source	<pre><xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DanGoodsType/DangerousGoodsVolume**

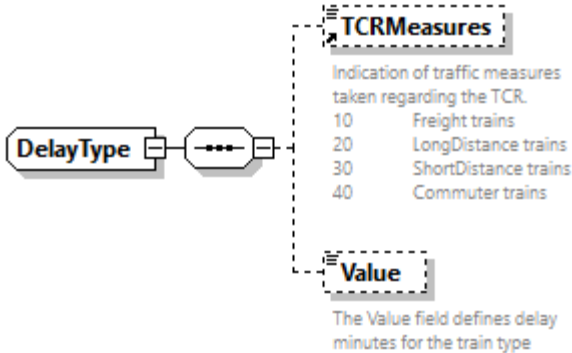
diagram	 The volume of the dangerous goods in cubic meters
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	VolumeValue

properties	minOcc 0 maxOcc 1 content simple
used by	element SummaryOfGoodsWithSameRID
annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre><xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element></pre>

element **DanGoodsType/LimitedQuantityIndicator**

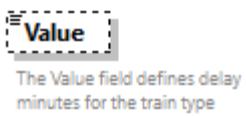
diagram	 LimitedQuantityIndicator Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID
source	<pre><xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element></pre>

complexType **DelayType**

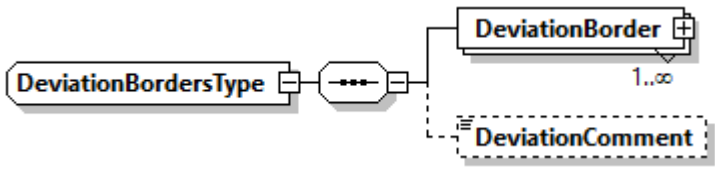
diagram	 DelayType is a complex type containing a Value field and a TCRMeasures field. TCRMeasures Indication of traffic measures taken regarding the TCR. 10 Freight trains 20 LongDistance trains 30 ShortDistance trains 40 Commuter trains Value The Value field defines delay minutes for the train type

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	TCRMeasures Value
used by	element TrafficMeasuresType/EstimatedDelay
source	<pre> <xs:complexType name="DelayType"> <xs:sequence> <xs:element ref="TCRMeasures" minOccurs="0"/> <xs:element name="Value" type="xs:positiveInteger" minOccurs="0"> <xs:annotation> <xs:documentation>The Value field defines delay minutes for the train type</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

element **DelayType/Value**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:positiveInteger
properties	minOcc 0 maxOcc 1 content simple
used by	elements Height Length Width
annotation	documentation The Value field defines delay minutes for the train type
source	<pre> <xs:element name="Value" type="xs:positiveInteger" minOccurs="0"> <xs:annotation> <xs:documentation>The Value field defines delay minutes for the train type</xs:documentation> </xs:annotation> </xs:element> </pre>

complexType **DeviationBordersType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

children	DeviationBorder DeviationComment
used by	element OperationalConsequencesType/Deviations/Borders
source	<pre> <xs:complexType name="DeviationBordersType"> <xs:sequence> <xs:element name="DeviationBorder" type="LocationIdent" maxOccurs="unbounded"/> <xs:element name="DeviationComment" type="xs:string" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

element **DeviationBordersType/DeviationBorder**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 1 maxOcc unbounded content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
source	<pre> <xs:element name="DeviationBorder" type="LocationIdent" maxOccurs="unbounded"/> </pre>

element **DeviationBordersType/DeviationComment**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	minOcc 0 maxOcc 1

	content simple
source	<code><xs:element name="DeviationComment" type="xs:string" minOccurs="0"/></code>

complexType **DeviationLocationsType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	DeviationLocation DeviationComment
used by	element OperationalConsequencesType/Deviations/Routes
source	<pre> <xs:complexType name="DeviationLocationsType"> <xs:sequence> <xs:element name="DeviationLocation" type="LocationIdent" maxOccurs="unbounded"/> <xs:element name="DeviationComment" type="xs:string" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

element **DeviationLocationsType/DeviationLocation**

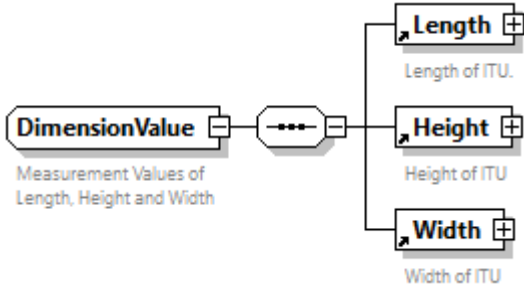
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 1 maxOcc unbounded content complex

children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
source	<pre><xs:element name="DeviationLocation" type="LocationIdent" maxOccurs="unbounded"/></pre>

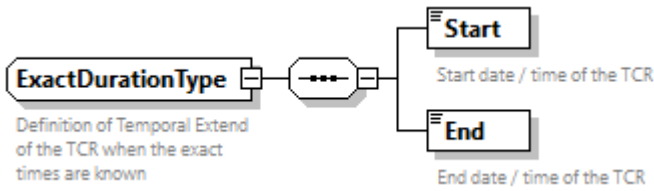
element **DeviationLocationsType/DeviationComment**

diagram	 A dashed rectangular box containing the text "DeviationComment".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
source	<pre><xs:element name="DeviationComment" type="xs:string" minOccurs="0"/></pre>

complexType **DimensionValue**

diagram	 A diagram showing the structure of the DimensionValue complex type. It starts with a box labeled "DimensionValue" with the text "Measurement Values of Length, Height and Width" below it. This box is connected to a sequence container (a rounded rectangle with three dots) which then branches into three separate boxes: "Length" (with "Length of ITU." below it), "Height" (with "Height of ITU" below it), and "Width" (with "Width of ITU" below it). Each of these three boxes has a small plus icon in its top right corner.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	Length Height Width
annotation	documentation Measurement Values of Length, Height and Width
source	<pre><xs:complexType name="DimensionValue"> <xs:annotation> <xs:documentation>Measurement Values of Length, Height and Width</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="Length"/> <xs:element ref="Height"/> <xs:element ref="Width"/> </xs:sequence> </xs:complexType></pre>

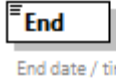
complexType **ExactDurationType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	Start End
annotation	documentation Definition of Temporal Extend of the TCR when the exact times are known
source	<pre> <xs:complexType name="ExactDurationType"> <xs:annotation> <xs:documentation>Definition of Temporal Extend of the TCR when the exact times are known</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Start" type="xs:dateTime"> <xs:annotation> <xs:documentation>Start date / time of the TCR</xs:documentation> </xs:annotation> </xs:element> <xs:element name="End" type="xs:dateTime"> <xs:annotation> <xs:documentation>End date / time of the TCR</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

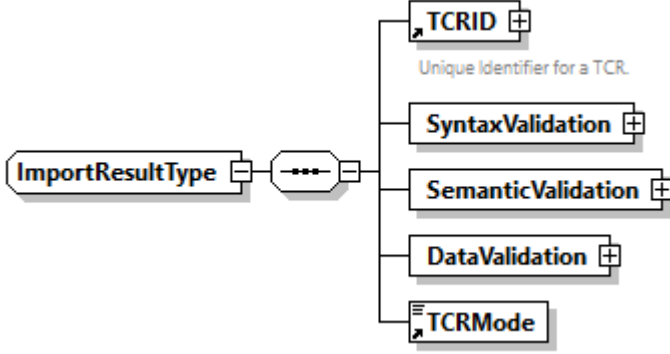
element **ExactDurationType/Start**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Start date / time of the TCR
source	<pre> <xs:element name="Start" type="xs:dateTime"> <xs:annotation> <xs:documentation>Start date / time of the TCR</xs:documentation> </xs:annotation> </xs:element> </pre>

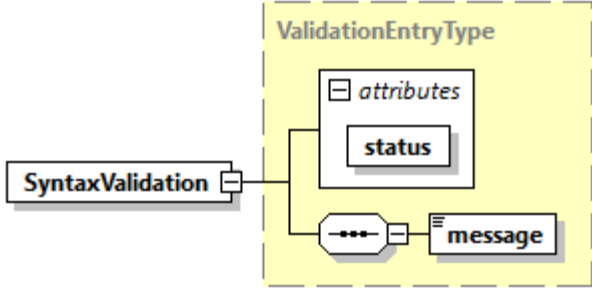
element **ExactDurationType/End**

diagram	 End date / time of the TCR
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation End date / time of the TCR
source	<pre> <xs:element name="End" type="xs:dateTime"> <xs:annotation> <xs:documentation>End date / time of the TCR</xs:documentation> </xs:annotation> </xs:element> </pre>

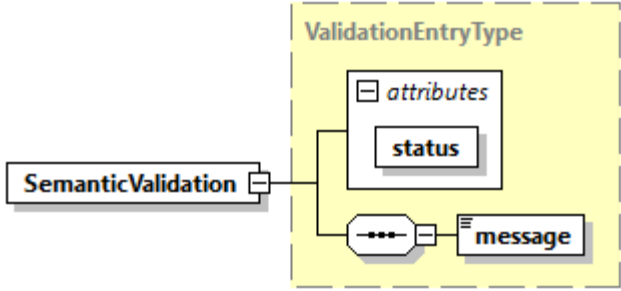
complexType **ImportResultType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	TCRID SyntaxValidation SemanticValidation DataValidation TCRMode
used by	element TCRResponseMessage/importResult
source	<pre> <xs:complexType name="ImportResultType"> <xs:sequence> <xs:element ref="TCRID"/> <xs:element name="SyntaxValidation" type="ValidationEntryType"/> <xs:element name="SemanticValidation" type="ValidationEntryType"/> <xs:element name="DataValidation" type="ValidationEntryType"/> <xs:element ref="TCRMode"/> </xs:sequence> </xs:complexType> </pre>

element **ImportResultType/SyntaxValidation**

diagram	 The diagram shows a box labeled 'SyntaxValidation' connected to a larger box labeled 'ValidationEntryType'. Inside 'ValidationEntryType', there is an 'attributes' box containing a 'status' box, and a 'message' box. A line connects 'SyntaxValidation' to the 'message' box. The 'ValidationEntryType' box is highlighted in yellow.					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
type	ValidationEntryType					
properties	content complex					
children	message					
attributes	Name	Type	Use	Default	Fixed	Annotation
	status	TCRValidationStatusType	required			
source	<xs:element name="SyntaxValidation" type="ValidationEntryType"/>					

element **ImportResultType/SemanticValidation**

diagram	 The diagram shows a box labeled 'SemanticValidation' connected to a larger box labeled 'ValidationEntryType'. Inside 'ValidationEntryType', there is an 'attributes' box containing a 'status' box, and a 'message' box. A line connects 'SemanticValidation' to the 'message' box. The 'ValidationEntryType' box is highlighted in yellow.					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
type	ValidationEntryType					
properties	content complex					
children	message					
attributes	Name	Type	Use	Default	Fixed	Annotation
	status	TCRValidationStatusType	required			
source	<xs:element name="SemanticValidation" type="ValidationEntryType"/>					

element **ImportResultType/DataValidation**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
type	ValidationEntryType					
properties	content complex					
children	message					
attributes	Name	Type	Use	Default	Fixed	Annotation
	status	TCRValidationStatusType	required			
source	<xs:element name="DataValidation" type="ValidationEntryType"/>					

complexType **IntermodalTransportDataType**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
children	TypeOfLoadUnit LoadUnitNumber DangerousGoodsIndication					
used by	element WagonData/IntermodalTransportData					
annotation	documentation Defines the type of LoadUnit – as a wide variety of loading units are used for Combined Transport within Europe. Containers and swap bodies are the most commonly used Load units					
source	<pre><xs:complexType name="IntermodalTransportDataType"> <xs:annotation> <xs:documentation>Defines the type of LoadUnit – as a wide variety of loading units are used for Combined Transport within Europe. Containers and swap bodies are the most commonly used Load units</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="TypeOfLoadUnit" type="TypeOfLoadUnitType"/> <xs:element name="LoadUnitNumber" type="LoadUnitNumberType"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType></pre>					

	<pre></xs:sequence> </xs:complexType></pre>

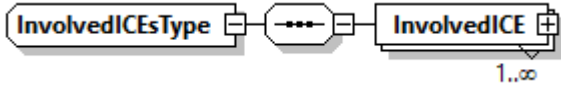
element **IntermodalTransportDataType/TypeOfLoadUnit**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	TypeOfLoadUnitType		
properties	content	simple	
used by	element	ILU Data	
facets	Kind	Value	Annotation
	enumeration	00	documentation unknown
	enumeration	01	documentation Container
	enumeration	02	documentation swap bodies
	enumeration	03	documentation semitrailers
	enumeration	04	documentation truck
source	<pre><xs:element name="TypeOfLoadUnit" type="TypeOfLoadUnitType"/></pre>		

element **IntermodalTransportDataType/LoadUnitNumber**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	LoadUnitNumberType		
properties	content	simple	
used by	elements	ILUDataMessage/QueryResponse/ILUData ILUDataMessage/QueryResponse/RefusedILUData	
facets	Kind	Value	Annotation
	whiteSpace	replace	
	pattern	[A-Za-z0-9]{11}	
source	<xs:element name="LoadUnitNumber" type="LoadUnitNumberType"/>		

complexType **InvolvedICEsType**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	InvolvedICE
used by	element TCRType/InvolvedICE
source	<pre> <xs:complexType name="InvolvedICEsType"> <xs:sequence> <xs:element name="InvolvedICE" type="InvolvedICEType" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>

element **InvolvedICEsType/InvolvedICE**

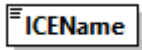
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	InvolvedICEType
properties	minOcc 1 maxOcc unbounded content complex
children	ICENAME Recommendation Comments
source	<pre> <xs:element name="InvolvedICE" type="InvolvedICEType" maxOccurs="unbounded"/> </pre>

complexType **InvolvedICEType**

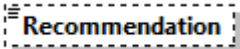
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	ICENAME Recommendation Comments
used by	element InvolvedICEsType/InvolvedICE
source	<pre> <xs:complexType name="InvolvedICEType"> <xs:sequence> <xs:element name="ICENAME" type="FreeText"/> </pre>

	<pre> <xs:element name="Recommendation" type="xs:boolean" minOccurs="0"/> <xs:element name="Comments" type="xs:string" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

element **InvolvedICEType/ICENAME**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
source	<xs:element name="ICName" type="FreeText"/>									

element **InvolvedICEType/Recommendation**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	xs:boolean						
properties	<table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
source	<pre><xs:element name="Recommendation" type="xs:boolean" minOccurs="0"/></pre>						

element **InvolvedICEType/Comments**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	xs:string						
properties	<table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
used by	<table> <tr> <td>elements</td><td>LocationPrimaryInformation LocationSubsidiaryInformation</td></tr> <tr> <td>complexType</td><td>CapacityModelType</td></tr> </table>	elements	LocationPrimaryInformation LocationSubsidiaryInformation	complexType	CapacityModelType		
elements	LocationPrimaryInformation LocationSubsidiaryInformation						
complexType	CapacityModelType						
source	<pre><xs:element name="Comments" type="xs:string" minOccurs="0"/></pre>						

complexType LocationIdent

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements PassengerTrainData/Activities/ActivityLocationIdent TrainRunningData/Activities/ActivityLocationIdent AffectedBorderType/AffectedBorder AffectedBordersType/AffectedBorder ArrivalTrackAtLocation AssociatedAttachedLocationIdent AssociationLocation AvailabilityFrom AvailabilityTo RID Checking/CheckingLocation CompositionStartOrChangeLocation DelayLocation DepartureJourneyTrack DepartureTrackAtLocation Destination WagonStatusMessages/WagonStatusMessage/DestinationLocation TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/DestinationOfVehicle DeviationBordersType/DeviationBorder DeviationLocationsType/DeviationLocation ConsignmentOrderMessage/COMS/COM/RU Declarations/DifferentAcceptance/DifferentAcceptancePoint ConsignmentOrderMessage/COMS/COM/ChargingSections/End EndLocation AffectedSection/EndOfSection WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/EventLocation ForecastedDelayLocation IntermediateDestination JourneySectionDestination JourneySectionOrigin Location LocationActualTrack TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/AssociatedTrain/LocationOfChange LocationPlannedTrack NetworkProjectedLocation/NextLocation Notes/NoteLocationIdent Origin TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/OriginOfVehicle ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PaidUpTo TrainInformation/PathPlanningReferenceLocation PlannedJourneyLocation ConsignmentOrderMessage/COMS/COM/Carriers/SectionFrom ConsignmentOrderMessage/COMS/COM/Carriers/SectionTo WagonStatusMessages/WagonStatusMessage/ShippingLocation ConsignmentOrderMessage/COMS/COM/ChargingSections/Start StartLocation AffectedSection/StartOfSection Station TrainDepartureStation TrainDestinationStation TrainReadyMessage/TrainLocation TransferPoint PlannedLocationInfoType complexType
annotation	documentation Indication of the Railway or Customer Location
source	<code><xs:complexType name="LocationIdent"></code>

	<pre><xs:annotation> <xs:documentation>Indication of the Railway or Customer Location</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element ref="LocationSubsidiaryIdentification" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

complexType **OperationalConsequencesType**

diagram	OperationalConsequencesType Information regarding the consequences of the TCR on the operations are given in this element. ReducedTrackAvailability (0..2) Gives an indication of a partial closure on some tracks. Attribute values: LT = Line Track, ST = Station Track DimensionalRestriction (0..3) TotalClosure SpeedRestriction NoCatenary No catenary in sense of Diesel only, hybrid or batterie locos. AffectedTrafficVolume TCRClassification Classifies the impact of the TCR <table border="1"> <tr><td>10</td><td>Minor</td></tr> <tr><td>20</td><td>Medium</td></tr> <tr><td>30</td><td>High</td></tr> <tr><td>40</td><td>Major</td></tr> <tr><td>50</td><td>Unclassified</td></tr> </table> TrafficMeasures Deviations InternationalCoordination InYearlyTimetable IndicationOfTimetableAdaption Gives an indication when the timetable shall be adapted, used only if InYearlyTimetable = false.	10	Minor	20	Medium	30	High	40	Major	50	Unclassified
10	Minor										
20	Medium										
30	High										
40	Major										
50	Unclassified										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5										
children	ReducedTrackAvailability DimensionalRestriction TotalClosure SpeedRestriction NoCatenary AffectedTrafficVolume TCRClassification TrafficMeasures Deviations InternationalCoordination InYearlyTimetable IndicationOfTimetableAdaption										
used by	element TCRType/OperationalConsequences										
annotation	documentation Information regarding the consequences of the TCR on the operations are given in this element.										
source	<pre><xs:complexType name="OperationalConsequencesType"> <xs:annotation></pre>										

```

<xs:documentation>Information regarding the consequences of the TCR on the
operations are given in this element.</xs:documentation>
</xs:annotation>
<xs:sequence>
  <xs:element name="ReducedTrackAvailability" minOccurs="0" maxOccurs="2">
    <xs:annotation>
      <xs:documentation>Gives an indication of a partial closure on some tracks.
Attribute values: LT = Line Track, ST = Station Track</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:attribute name="LT" type="xs:boolean"/>
      <xs:attribute name="ST" type="xs:boolean"/>
    </xs:complexType>
  </xs:element>
  <xs:element name="DimensionalRestriction" minOccurs="0" maxOccurs="3">
    <xs:complexType>
      <xs:attribute name="weight" type="xs:boolean"/>
      <xs:attribute name="length" type="xs:boolean"/>
      <xs:attribute name="profile" type="xs:boolean"/>
    </xs:complexType>
  </xs:element>
  <xs:element name="TotalClosure" type="xs:boolean" minOccurs="0"/>
  <xs:element name="SpeedRestriction" type="xs:boolean" minOccurs="0"/>
  <xs:element name="NoCatenary" type="xs:boolean" minOccurs="0">
    <xs:annotation>
      <xs:documentation>No catenary in sense of Diesel only, hybrid or batterie
locos.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="AffectedTrafficVolume" type="PercentageType"
minOccurs="0"/>
  <xs:element ref="TCRClassification"/>
  <xs:element name="TrafficMeasures" type="TrafficMeasuresType"
minOccurs="0"/>
  <xs:element name="Deviations" minOccurs="0">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Routes" type="DeviationLocationsType" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element name="Borders" type="DeviationBordersType" minOccurs="0"
maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="InternationalCoordination" type="xs:string"
minOccurs="0"/>
  <xs:element name="InYearlyTimetable" type="xs:boolean"/>
  <xs:element name="IndicationOfTimetableAdaption" type="xs:date"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Gives an indication when the timetable shall be adapted,
used only if InYearlyTimetable = false .</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>

```

	<code></xs:complexType></code>

element **OperationalConsequencesType/ReducedTrackAvailability**

diagram	ReducedTrackAvailability 0..2 attributes LT ST Gives an indication of a partial closure on some tracks. Attribute values: LT = Line Track, ST = Station Track																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																		
properties	minOcc 0 maxOcc 2 content complex																		
attributes	<table><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr><tr><td>LT</td><td>xs:boolean</td><td></td><td></td><td></td><td></td></tr><tr><td>ST</td><td>xs:boolean</td><td></td><td></td><td></td><td></td></tr></table>	Name	Type	Use	Default	Fixed	Annotation	LT	xs:boolean					ST	xs:boolean				
Name	Type	Use	Default	Fixed	Annotation														
LT	xs:boolean																		
ST	xs:boolean																		
annotation	documentation Gives an indication of a partial closure on some tracks. Attribute values: LT = Line Track, ST = Station Track																		
source	<pre><xs:element name="ReducedTrackAvailability" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation>Gives an indication of a partial closure on some tracks. Attribute values: LT = Line Track, ST = Station Track</xs:documentation> </xs:annotation> <xs:complexType> <xs:attribute name="LT" type="xs:boolean"/> <xs:attribute name="ST" type="xs:boolean"/> </xs:complexType> </xs:element></pre>																		

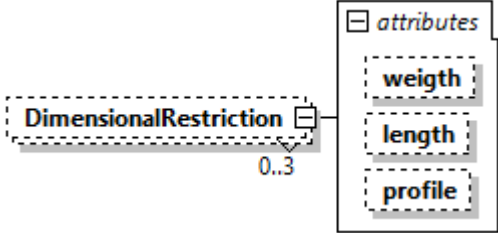
attribute **OperationalConsequencesType/ReducedTrackAvailability/@LT**

type	xs:boolean
source	<code><xs:attribute name="LT" type="xs:boolean"/></code>

attribute **OperationalConsequencesType/ReducedTrackAvailability/@ST**

type	xs:boolean
source	<code><xs:attribute name="ST" type="xs:boolean"/></code>

element **OperationalConsequencesType/DimensionalRestriction**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
properties	minOcc 0 maxOcc 3 content complex					
attributes	Name	Type	Use	Default	Fixed	Annotation
	weight	xs:boolean				
	length	xs:boolean				
	profile	xs:boolean				
source	<pre><xs:element name="DimensionalRestriction" minOccurs="0" maxOccurs="3"> <xs:complexType> <xs:attribute name="weight" type="xs:boolean"/> <xs:attribute name="length" type="xs:boolean"/> <xs:attribute name="profile" type="xs:boolean"/> </xs:complexType> </xs:element></pre>					

attribute **OperationalConsequencesType/DimensionalRestriction/@weight**

type	xs:boolean
source	<pre><xs:attribute name="weight" type="xs:boolean"/></pre>

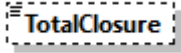
attribute **OperationalConsequencesType/DimensionalRestriction/@length**

type	xs:boolean
source	<pre><xs:attribute name="length" type="xs:boolean"/></pre>

attribute **OperationalConsequencesType/DimensionalRestriction/@profile**

type	xs:boolean
source	<pre><xs:attribute name="profile" type="xs:boolean"/></pre>

element **OperationalConsequencesType/TotalClosure**

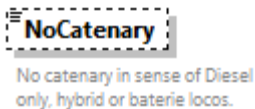
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="TotalClosure" type="xs:boolean" minOccurs="0"/></code>

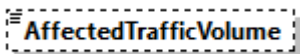
element **OperationalConsequencesType/SpeedRestriction**

diagram	 A diagram showing a dashed box labeled "SpeedRestriction" with a small icon to its left.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="SpeedRestriction" type="xs:boolean" minOccurs="0"/></code>

element **OperationalConsequencesType/NoCatenary**

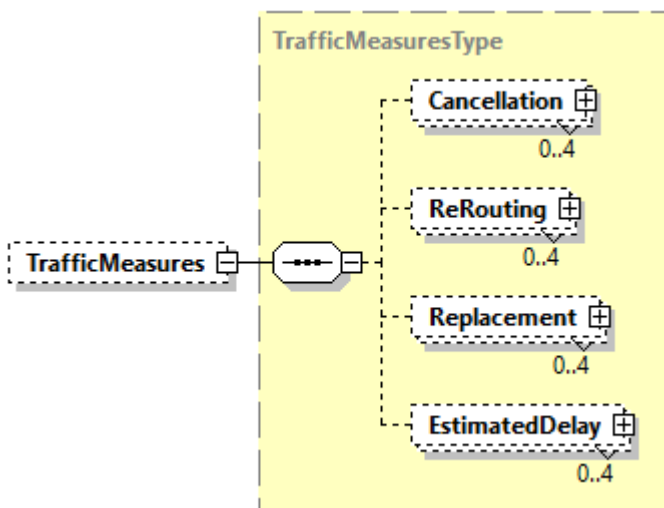
diagram	 A diagram showing a dashed box labeled "NoCatenary" with a small icon to its left. Below the box, the text "No catenary in sense of Diesel only, hybrid or batterie locos." is displayed.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation No catenary in sense of Diesel only, hybrid or batterie locos.
source	<code><xs:element name="NoCatenary" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>No catenary in sense of Diesel only, hybrid or batterie locos.</xs:documentation> </xs:annotation> </xs:element></code>

element **OperationalConsequencesType/AffectedTrafficVolume**

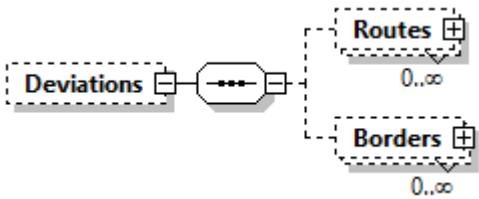
diagram	 A diagram showing a dashed box labeled "AffectedTrafficVolume" with a small icon to its left.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	PercentageType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	100	
source	<xs:element name="AffectedTrafficVolume" type="PercentageType" minOccurs="0"/>		

element **OperationalConsequencesType/TrafficMeasures**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	TrafficMeasuresType
properties	minOcc0 maxOcc1 contentcomplex
children	Cancellation ReRouting Replacement EstimatedDelay
source	<xs:element name="TrafficMeasures" type="TrafficMeasuresType" minOccurs="0"/>

element **OperationalConsequencesType/Deviations**

diagram	 The diagram illustrates the structure of the Deviations element. It is a complex type containing two optional elements: Routes and Borders. Both elements have a cardinality of 0..∞. The Deviations element is shown as a container for these deviations, with a dashed box indicating its optional nature (minOccurs=0).		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
properties	minOcc	0	

	maxOcc 1 content complex
children	Routes Borders
source	<pre> <xs:element name="Deviations" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Routes" type="DeviationLocationsType" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="Borders" type="DeviationBordersType" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **OperationalConsequencesType/Deviations/Routes**

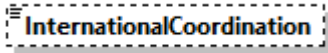
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	DeviationLocationsType
properties	minOcc 0 maxOcc unbounded content complex
children	DeviationLocation DeviationComment
source	<pre> <xs:element name="Routes" type="DeviationLocationsType" minOccurs="0" maxOccurs="unbounded"/> </pre>

element **OperationalConsequencesType/Deviations/Borders**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	DeviationBordersType

properties	minOcc 0 maxOcc unbounded content complex
children	DeviationBorder DeviationComment
source	<pre><xs:element name="Borders" type="DeviationBordersType" minOccurs="0" maxOccurs="unbounded"/></pre>

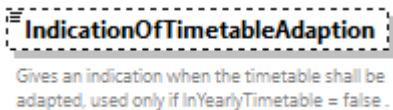
element **OperationalConsequencesType/InternationalCoordination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
source	<pre><xs:element name="InternationalCoordination" type="xs:string" minOccurs="0"/></pre>

element **OperationalConsequencesType/InYearlyTimetable**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
source	<pre><xs:element name="InYearlyTimetable" type="xs:boolean"/></pre>

element **OperationalConsequencesType/IndicationOfTimetableAdaption**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Gives an indication when the timetable shall be adapted, used only if InYearlyTimetable = false .
source	<pre><xs:element name="IndicationOfTimetableAdaption" type="xs:date" minOccurs="0"></pre>

	<pre> <xs:annotation> <xs:documentation>Gives an indication when the timetable shall be adapted, used only if InYearlyTimetable = false .</xs:documentation> </xs:annotation> </xs:element> </pre>

complexType **PathType**

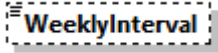
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	PlannedTransportIdentifiers PathInformation
used by	elements CapacityProductMessage/CataloguePaths CapacityProductMessage/Paths
source	<pre> <xs:complexType name="PathType"> <xs:sequence> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0"/> <xs:element ref="PathInformation" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType **PeriodicalContinuousType**

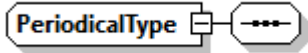
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	PlannedCalendar WeeklyInterval WeeklyPattern
source	<pre> <xs:complexType name="PeriodicalContinuousType"> <xs:sequence> <xs:element ref="PlannedCalendar"/> <xs:element name="WeeklyInterval" type="xs:positiveInteger" minOccurs="0"/> <xs:element ref="WeeklyPattern" minOccurs="0"/> </xs:sequence> </pre>

	<code></xs:complexType></code>

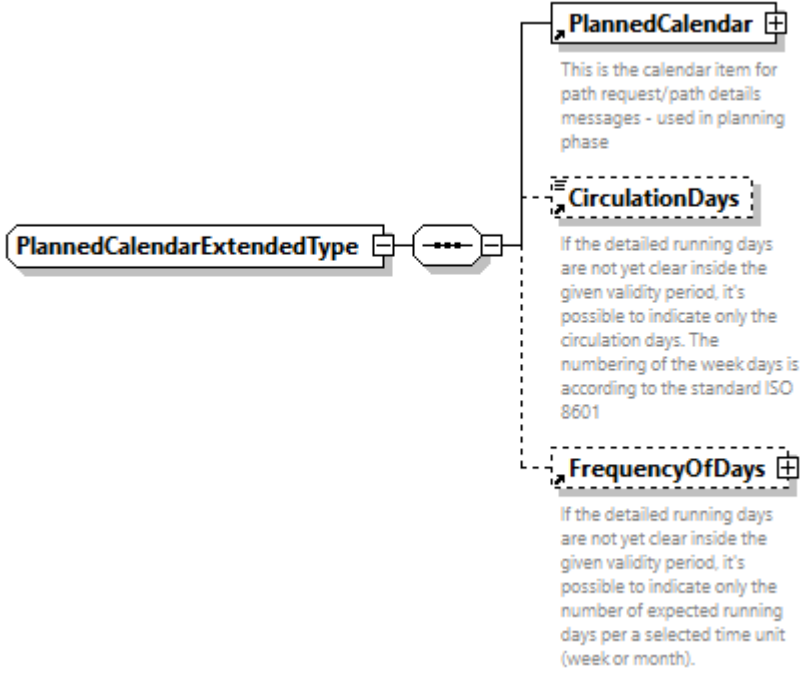
element **PeriodicalContinuousType/WeeklyInterval**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:positiveInteger
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="WeeklyInterval" type="xs:positiveInteger" minOccurs="0"/></code>

complexType **PeriodicalType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
source	<code><xs:complexType name="PeriodicalType"> <xs:sequence/> </xs:complexType></code>

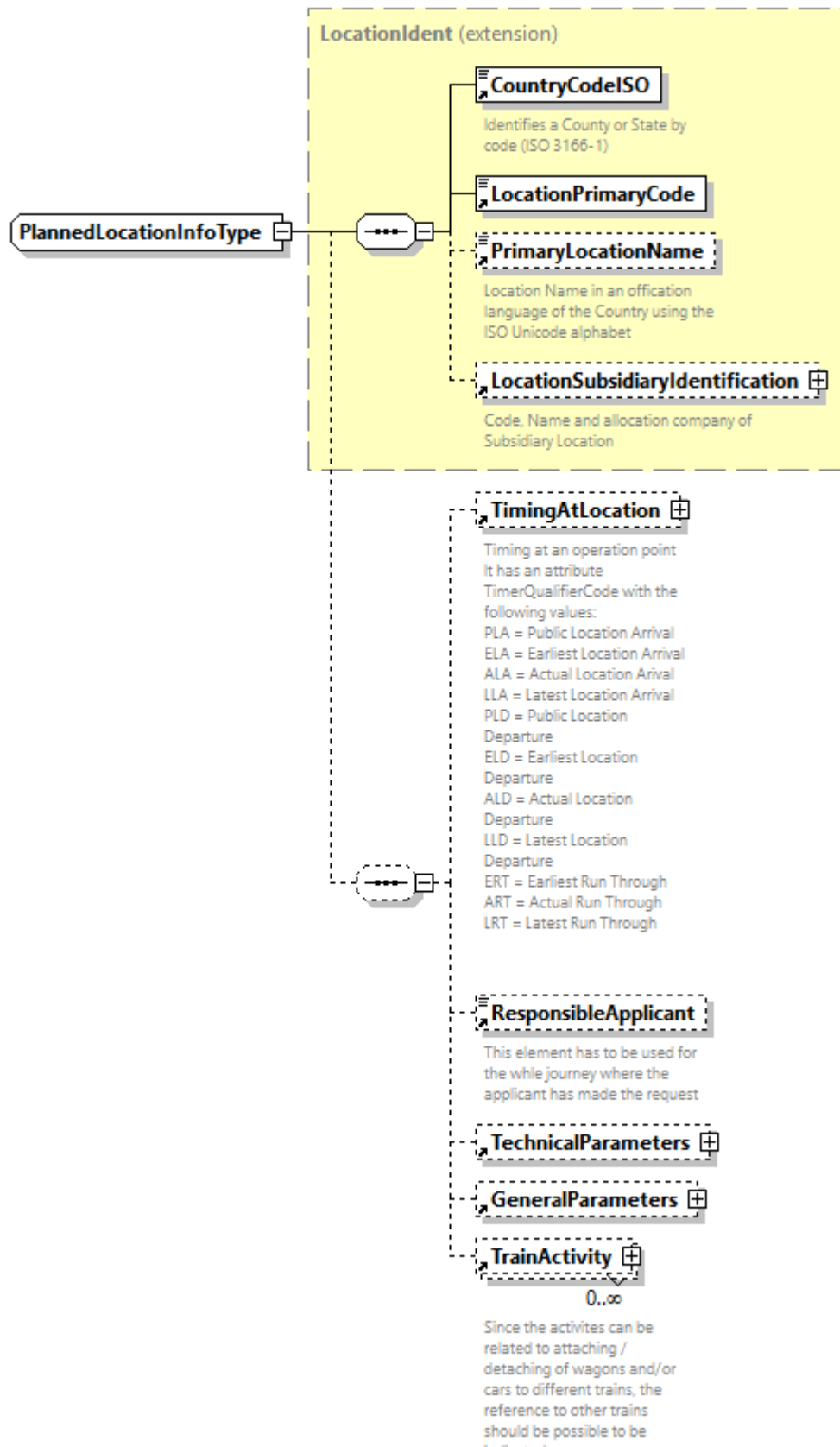
complexType **PlannedCalendarExtendedType**

diagram	 PlannedCalendar This is the calendar item for path request/path details messages - used in planning phase CirculationDays If the detailed running days are not yet clear inside the given validity period, it's possible to indicate only the circulation days. The numbering of the week days is according to the standard ISO 8601 FrequencyOfDays If the detailed running days are not yet clear inside the given validity period, it's possible to indicate only the number of expected running days per a selected time unit (week or month).

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	PlannedCalendar CirculationDays FrequencyOfDays
used by	element CapacityModelType/PlannedCalendarExtended
source	<pre> <xs:complexType name="PlannedCalendarExtendedType"> <xs:sequence> <xs:element ref="PlannedCalendar"/> <xs:element ref="CirculationDays" minOccurs="0"/> <xs:element ref="FrequencyOfDays" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType **PlannedLocationInfoType**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	base LocationIdent
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification TimingAtLocation ResponsibleApplicant TechnicalParameters GeneralParameters TrainActivity
used by	element CapacityModelType/PlannedLocationInfo
source	<pre> <xs:complexType name="PlannedLocationInfoType"> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="TimingAtLocation" minOccurs="0"/> <xs:element ref="ResponsibleApplicant" minOccurs="0"/> <xs:element ref="TechnicalParameters" minOccurs="0"/> <xs:element ref="GeneralParameters" minOccurs="0"/> <xs:element ref="TrainActivity" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>

complexType **RoughDurationType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	StartYear StartWeek EndYear EndWeek
used by	elements TemporalExpansionType/RoughDates TCRTimeType/RoughDates
annotation	documentation Definition of Temporal Extend of the TCR when the exact times are not yet known
source	<pre> <xs:complexType name="RoughDurationType"> <xs:annotation> <xs:documentation>Definition of Temporal Extend of the TCR when the exact times are not yet known</xs:documentation> </pre>

	<pre> </xs:annotation> <xs:sequence> <xs:element name="StartYear" type="xs:gYear"> <xs:annotation> <xs:documentation>Calendar year when the TCR starts</xs:documentation> </xs:annotation> </xs:element> <xs:element name="StartWeek" type="WeekType"> <xs:annotation> <xs:documentation>Calendar week when the TCR starts</xs:documentation> </xs:annotation> </xs:element> <xs:element name="EndYear" type="xs:gYear"> <xs:annotation> <xs:documentation>Calendar year when the TCR ends</xs:documentation> </xs:annotation> </xs:element> <xs:element name="EndWeek" type="WeekType"> <xs:annotation> <xs:documentation>Calendar week when the TCR ends</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

element **RoughDurationType/StartYear**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:gYear
properties	content simple
annotation	documentation Calendar year when the TCR starts
source	<pre> <xs:element name="StartYear" type="xs:gYear"> <xs:annotation> <xs:documentation>Calendar year when the TCR starts</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RoughDurationType/StartWeek**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	WeekType									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>52</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	52	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	52									
annotation	documentation Calendar week when the TCR starts									
source	<pre><xs:element name="StartWeek" type="WeekType"> <xs:annotation> <xs:documentation>Calendar week when the TCR starts</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RoughDurationType/EndYear**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:gYear
properties	content simple
annotation	documentation Calendar year when the TCR ends
source	<pre><xs:element name="EndYear" type="xs:gYear"> <xs:annotation> <xs:documentation>Calendar year when the TCR ends</xs:documentation> </xs:annotation> </xs:element></pre>

element **RoughDurationType/EndWeek**

diagram	EndWeek Calendar week when the TCR ends									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	WeekType									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>52</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	52	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	52									
annotation	documentation Calendar week when the TCR ends									

source	<pre> <xs:element name="EndWeek" type="WeekType"> <xs:annotation> <xs:documentation>Calendar week when the TCR ends</xs:documentation> </xs:annotation> </xs:element> </pre>

complexType SearchCriteriaType

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	TCRCriteria PositiveCapacityProductCriteria CapacityModelCriteria
used by	element CapacityProductSearchMessage/SearchCriteria
source	<pre> <xs:complexType name="SearchCriteriaType"> <xs:sequence> <xs:element name="TCRCriteria" type="TCRSearchCriteria" minOccurs="0"/> <xs:element name="PositiveCapacityProductCriteria" type="CapacityProductSearchCriteria" minOccurs="0"/> <xs:element name="CapacityModelCriteria" type="CapacityModelSearchCriteria" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

element **SearchCriteriaType/TCRCriteria**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	TCRSearchCriteria
properties	minOcc 0 maxOcc 1 content complex
children	TCRIDSearch ReasonForRestrictionSearch SectionSearch TCRStatusSearch DateFromSearch DateToSearch ReducedTrackAvailabilitySearch DimensionalRestrictionSearch TotalClosureSearch SpeedRestrictionSearch NoCatenarySearch AffectedTrafficVolumeSearch TrafficMeasuresSearch InvolvedRFCsSearch AffectedBorderSearch AffectedIMSearch TCRClassificationSearch
source	<pre><xs:element name="TCRCriteria" type="TCRSearchCriteria" minOccurs="0"/></pre>

element **SearchCriteriaType/PositiveCapacityProductCriteria**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CapacityProductSearchCriteria
properties	minOcc 0 maxOcc 1 content complex
children	IDSearch SectionSearch AffectedBorderSearch PlannedTrainData AffectedIMSearch DateFromSearch DateToSearch ObjectTypeSearch
source	<pre><xs:element name="PositiveCapacityProductCriteria" type="CapacityProductSearchCriteria" minOccurs="0"/></pre>

element **SearchCriteriaType/CapacityModelCriteria**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CapacityModelSearchCriteria
properties	minOcc 0 maxOcc 1 content complex
children	IDSearch TitleSearch CMVariantSearch TrainTypeSearch CategorySearch LocationSearch DateFromSearch DateToSearch
source	<pre><xs:element name="CapacityModelCriteria" type="CapacityModelSearchCriteria" minOccurs="0"/></pre>

complexType **SectionsType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	Section
used by	elements CapacityProductSearchCriteria/SectionSearch/Sections TCRSearchCriteria/SectionSearch/Sections TCRType/Sections
source	<pre><xs:complexType name="SectionsType"> <xs:sequence> <xs:element name="Section" type="SectionType" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType></pre>

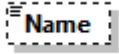
element **SectionsType/Section**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	SectionType
properties	minOcc 1 maxOcc unbounded content complex
children	StartLocation EndLocation Name
source	<code><xs:element name="Section" type="SectionType" maxOccurs="unbounded"/></code>

complexType **SectionType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	StartLocation EndLocation Name
used by	element SectionsType/Section
source	<pre> <xs:complexType name="SectionType"> <xs:sequence> <xs:element ref="StartLocation" minOccurs="0"/> <xs:element ref="EndLocation" minOccurs="0"/> <xs:element name="Name" type="FreeText" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

element **SectionType/Name**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	minOcc 0 maxOcc 1 content simple
used by	elements AdministrativeContactInformation Customers RollingRoadUnit/RollingRoadUnitDetails/Haulier NetworkSpecificParameter Parameters
facets	Kind Value Annotation minLength 1 maxLength 255
source	<code><xs:element name="Name" type="FreeText" minOccurs="0"/></code>

complexType **TCRSearchCriteria**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	TCRIDSearch ReasonForRestrictionSearch SectionSearch TCRStatusSearch DateFromSearch DateToSearch ReducedTrackAvailabilitySearch DimensionalRestrictionSearch TotalClosureSearch SpeedRestrictionSearch NoCatenarySearch AffectedTrafficVolumeSearch TrafficMeasuresSearch InvolvedRFCsSearch AffectedBorderSearch AffectedIMSearch TCRClassificationSearch
used by	element SearchCriteriaType/TCRCriteria
annotation	documentation Defines the Search Criteria which can be used in the SearchTCRMessage.
source	<pre> <xs:complexType name="TCRSearchCriteria"> <xs:annotation> <xs:documentation>Defines the Search Criteria which can be used in the SearchTCRMessage.</xs:documentation> </xs:annotation> </pre>

```

<xs:sequence>
  <xs:element name="TCRIDSearch" minOccurs="0">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="TCRID" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="ReasonForRestrictionSearch" minOccurs="0">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="ReasonForRestriction" minOccurs="0"
maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="SectionSearch" minOccurs="0">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Sections" type="SectionsType"
maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="TCRStatusSearch" minOccurs="0">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="TCRStatus" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="DateFromSearch" type="xs:dateTime" minOccurs="0"/>
  <xs:element name="DateToSearch" type="xs:dateTime" minOccurs="0"/>
  <xs:element name="ReducedTrackAvailabilitySearch" minOccurs="0">
    <xs:complexType>
      <xs:attribute name="LT" type="xs:boolean"/>
      <xs:attribute name="ST" type="xs:boolean"/>
    </xs:complexType>
  </xs:element>
  <xs:element name="DimensionalRestrictionSearch" minOccurs="0">
    <xs:complexType>
      <xs:attribute name="weigh" type="xs:boolean"/>
      <xs:attribute name="length" type="xs:boolean"/>
      <xs:attribute name="profile" type="xs:boolean"/>
    </xs:complexType>
  </xs:element>
  <xs:element name="TotalClosureSearch" type="xs:boolean" minOccurs="0"/>
  <xs:element name="SpeedRestrictionSearch" type="xs:boolean" minOccurs="0"/>
  <xs:element name="NoCatenarySearch" type="xs:boolean" minOccurs="0"/>
  <xs:element name="AffectedTrafficVolumeSearch" type="PercentageType"
minOccurs="0"/>
  <xs:element name="TrafficMeasuresSearch" type="TrafficMeasuresType"
minOccurs="0"/>
  <xs:element name="InvolvedRFCsSearch" minOccurs="0">
    <xs:complexType>

```

	<pre> <xs:sequence> <xs:element name="RFCName" type="FreeText" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="AffectedBorderSearch" type="AffectedBorderType" minOccurs="0"/> <xs:element name="AffectedIMSearch" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="Company"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="TCRClassificationSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="TCRClassification" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>

element **TCRSearchCriteria/TCRIDSearch**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	TCRID
source	<pre> <xs:element name="TCRIDSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="TCRID" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TCRSearchCriteria/ReasonForRestrictionSearch**

diagram	Gives an indication of the works regarding the TCR. UIC Leaflet 450-2, Appendix A, Table 1
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ReasonForRestriction
source	<pre><xs:element name="ReasonForRestrictionSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="ReasonForRestriction" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **TCRSearchCriteria/SectionSearch**

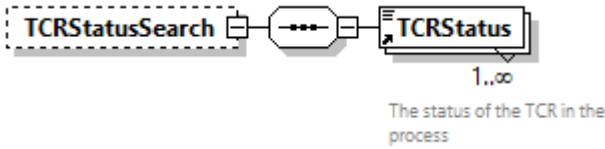
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Sections
source	<pre><xs:element name="SectionSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Sections" type="SectionsType" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **TCRSearchCriteria/SectionSearch/Sections**

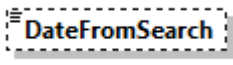
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	SectionsType
properties	minOcc 1 maxOcc unbounded content complex
children	Section
source	<code><xs:element name="Sections" type="SectionsType" maxOccurs="unbounded"/></code>

element **TCRSearchCriteria/TCRStatusSearch**

diagram	 The diagram shows a dashed box labeled TCRStatusSearch connected to a solid box labeled TCRStatus. The TCRStatus box has a multiplicity of 1..∞. Below the diagram, a note states: "The status of the TCR in the process".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	TCRStatus
source	<pre> <xs:element name="TCRStatusSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="TCRStatus" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TCRSearchCriteria/DateFromSearch**

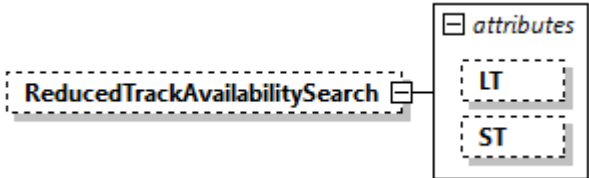
diagram	 The diagram shows a dashed box labeled DateFromSearch.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="DateFromSearch" type="xs:dateTime" minOccurs="0"/></code>

element **TCRSearchCriteria/DateToSearch**

diagram	 The diagram shows a dashed box labeled DateToSearch.

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="DateToSearch" type="xs:dateTime" minOccurs="0"/></code>

element **TCRSearchCriteria/ReducedTrackAvailabilitySearch**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
properties	minOcc 0 maxOcc 1 content complex					
attributes	Name LT ST	Type xs:boolean xs:boolean	Use	Default	Fixed	Annotation
source	<pre><xs:element name="ReducedTrackAvailabilitySearch" minOccurs="0"> <xs:complexType> <xs:attribute name="LT" type="xs:boolean"/> <xs:attribute name="ST" type="xs:boolean"/> </xs:complexType> </xs:element></pre>					

attribute **TCRSearchCriteria/ReducedTrackAvailabilitySearch/@LT**

type	xs:boolean
source	<code><xs:attribute name="LT" type="xs:boolean"/></code>

attribute **TCRSearchCriteria/ReducedTrackAvailabilitySearch/@ST**

type	xs:boolean
source	<code><xs:attribute name="ST" type="xs:boolean"/></code>

element **TCRSearchCriteria/DimensionalRestrictionSearch**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
properties	minOcc 0 maxOcc 1 content complex					
attributes	Name	Type	Use	Default	Fixed	Annotation
	weight	xs:boolean				
	length	xs:boolean				
	profile	xs:boolean				
source	<pre><xs:element name="DimensionalRestrictionSearch" minOccurs="0"> <xs:complexType> <xs:attribute name="weight" type="xs:boolean"/> <xs:attribute name="length" type="xs:boolean"/> <xs:attribute name="profile" type="xs:boolean"/> </xs:complexType> </xs:element></pre>					

attribute **TCRSearchCriteria/DimensionalRestrictionSearch/@weight**

type	xs:boolean
source	<pre><xs:attribute name="weight" type="xs:boolean"/></pre>

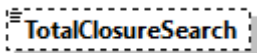
attribute **TCRSearchCriteria/DimensionalRestrictionSearch/@length**

type	xs:boolean
source	<pre><xs:attribute name="length" type="xs:boolean"/></pre>

attribute **TCRSearchCriteria/DimensionalRestrictionSearch/@profile**

type	xs:boolean
source	<pre><xs:attribute name="profile" type="xs:boolean"/></pre>

element **TCRSearchCriteria/TotalClosureSearch**

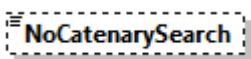
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="TotalClosureSearch" type="xs:boolean" minOccurs="0"/></code>

element **TCRSearchCriteria/SpeedRestrictionSearch**

diagram	 A diagram showing a dashed box containing the text "SpeedRestrictionSearch" with a small icon to its left.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="SpeedRestrictionSearch" type="xs:boolean" minOccurs="0"/></code>

element **TCRSearchCriteria/NoCatenarySearch**

diagram	 A diagram showing a dashed box containing the text "NoCatenarySearch" with a small icon to its left.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="NoCatenarySearch" type="xs:boolean" minOccurs="0"/></code>

element **TCRSearchCriteria/AffectedTrafficVolumeSearch**

diagram	 A diagram showing a dashed box containing the text "AffectedTrafficVolumeSearch" with a small icon to its left.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	PercentageType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 100

source	<code><xs:element name="AffectedTrafficVolumeSearch" type="PercentageType" minOccurs="0"/></code>

element **TCRSearchCriteria/TrafficMeasuresSearch**

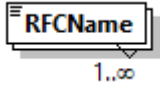
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	TrafficMeasuresType
properties	minOcc 0 maxOcc 1 content complex
children	Cancellation ReRouting Replacement EstimatedDelay
source	<code><xs:element name="TrafficMeasuresSearch" type="TrafficMeasuresType" minOccurs="0"/></code>

element **TCRSearchCriteria/InvolvedRFCsSearch**

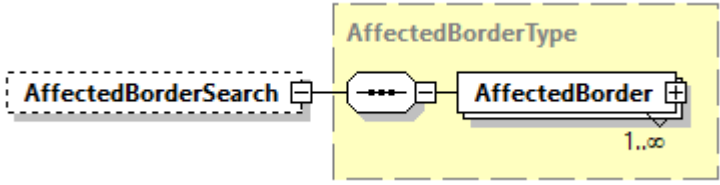
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	RFCName
source	<pre> <xs:element name="InvolvedRFCsSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="RFCName" type="FreeText" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>

	<code></xs:element></code>

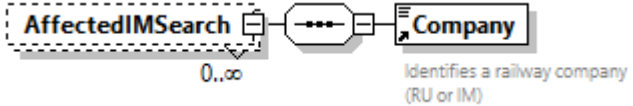
element **TCRSearchCriteria/InvolvedRFCsSearch/RFCName**

diagram	 A diagram showing a box labeled 'RFCName' with a small icon of a document with lines. Below the box is the cardinality '1..∞'.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	minOcc 1 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<code><xs:element name="RFCName" type="FreeText" maxOccurs="unbounded"/></code>

element **TCRSearchCriteria/AffectedBorderSearch**

diagram	 A diagram showing a dashed box labeled 'AffectedBorderSearch' containing a sequence of elements. The first is a box with a small icon of a document with lines. This is followed by an oval containing three dots. This is followed by a box labeled 'AffectedBorder' with a small icon of a document with lines. Below the 'AffectedBorder' box is the cardinality '1..∞'. The entire sequence is enclosed in a yellow dashed box labeled 'AffectedBorderType'.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	AffectedBorderType
properties	minOcc 0 maxOcc 1 content complex
children	AffectedBorder
source	<code><xs:element name="AffectedBorderSearch" type="AffectedBorderType" minOccurs="0"/></code>

element **TCRSearchCriteria/AffectedIMSearch**

diagram	 A diagram showing a dashed box labeled 'AffectedIMSearch' containing a sequence of elements. The first is a box with a small icon of a document with lines. This is followed by an oval containing three dots. This is followed by a box labeled 'Company' with a small icon of a document with lines. Below the 'Company' box is the text 'Identifies a railway company (RU or IM)'. Below the 'AffectedIMSearch' box is the cardinality '0..∞'.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex

children	Company
source	<pre> <xs:element name="AffectedIMSearch" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="Company"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TCRSearchCriteria/TCRClassificationSearch**

diagram	1..∞ Classifies the impact of the TCR <table> <tr><td>10</td><td>Minor</td></tr> <tr><td>20</td><td>Medium</td></tr> <tr><td>30</td><td>High</td></tr> <tr><td>40</td><td>Major</td></tr> <tr><td>50</td><td>Unclassified</td></tr> </table>	10	Minor	20	Medium	30	High	40	Major	50	Unclassified
10	Minor										
20	Medium										
30	High										
40	Major										
50	Unclassified										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5										
properties	minOcc 0 maxOcc 1 content complex										
children	TCRClassification										
source	<pre> <xs:element name="TCRClassificationSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="TCRClassification" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>										

complexType **TCRTimeType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	ValidityPeriod RoughDates
used by	complexType ContinuousType
source	<pre> <xs:complexType name="TCRTimeType"> <xs:sequence> <xs:choice> </pre>

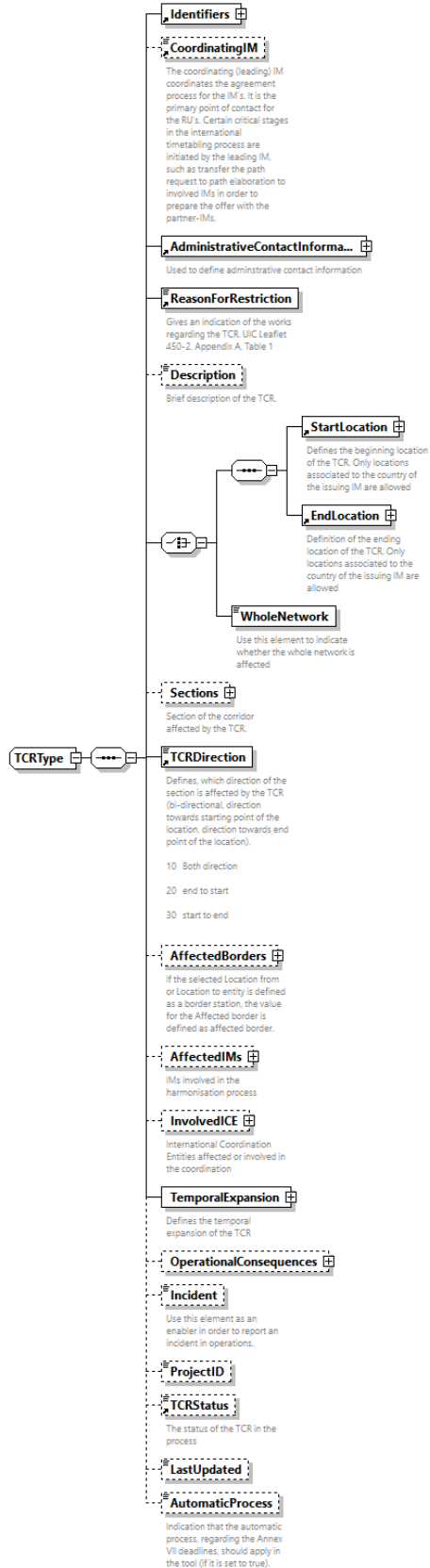
	<pre><xs:element ref="ValidityPeriod"/> <xs:element name="RoughDates" type="RoughDurationType"/> </xs:choice> </xs:sequence> </xs:complexType></pre>

element **TCRTimeType/RoughDates**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	RoughDurationType
properties	content complex
children	StartYear StartWeek EndYear EndWeek
source	<pre><xs:element name="RoughDates" type="RoughDurationType"/></pre>

complexType TCRTYPE

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	Identifiers CoordinatingIM AdministrativeContactInformation ReasonForRestriction Description StartLocation EndLocation WholeNetwork Sections TCRDirection AffectedBorders AffectedIMs InvolvedICE TemporalExpansion OperationalConsequences Incident ProjectID TCRStatus LastUpdated AutomaticProcess
used by	elements TCRMessage/TCR CapacityProductMessage/TCRs
source	<pre> <xs:complexType name="TCRType"> <xs:sequence> <xs:element ref="Identifiers"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="ReasonForRestriction"/> <xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Brief description of the TCR.</xs:documentation> </xs:annotation> </xs:element> <xs:choice> <xs:sequence> <xs:element ref="StartLocation"> <xs:annotation> <xs:documentation>Defines the beginning location of the TCR. Only locations associated to the country of the issuing IM are allowed</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="EndLocation"> <xs:annotation> <xs:documentation>Definition of the ending location of the TCR. Only locations associated to the country of the issuing IM are allowed</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> <xs:element name="WholeNetwork" type="CompanyCode"> <xs:annotation> <xs:documentation>Use this element to indicate whether the whole network is affected</xs:documentation> </xs:annotation> </xs:element> </xs:choice> <xs:element name="Sections" type="SectionsType" minOccurs="0"> <xs:annotation> <xs:documentation>Section of the corridor affected by the TCR.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TCRDirection"/> <xs:element name="AffectedBorders" type="AffectedBordersType" minOccurs="0"> <xs:annotation> <xs:documentation>If the selected Location from or Location to entity is defined as a border station, the value for the Affected border is defined as affected border.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </complexType> </pre>

	<pre> </xs:element> <xs:element name="AffectedIMs" type="AffectedIMsType" minOccurs="0"> <xs:annotation> <xs:documentation>IMs involved in the harmonisation process</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InvolvedICE" type="InvolvedICEsType" minOccurs="0"> <xs:annotation> <xs:documentation>International Coordination Entities affected or involved in the coordination</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TemporalExpansion"> <xs:annotation> <xs:documentation>Defines the temporal expansion of the TCR</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="TemporalExpansionType"/> </xs:complexContent> </xs:complexType> </xs:element> <xs:element name="OperationalConsequences" type="OperationalConsequencesType" minOccurs="0"/> <xs:element name="Incident" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Use this element as an enabler in order to report an incident in operations.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProjectID" type="xs:string" minOccurs="0"/> <xs:element ref="TCRStatus" minOccurs="0"/> <xs:element name="LastUpdated" type="xs:dateTime" minOccurs="0"/> <xs:element name="AutomaticProcess" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication that the automatic process, regarding the Annex VII deadlines, should apply in the tool (if it is set to true).</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

element **TCRType/Description**

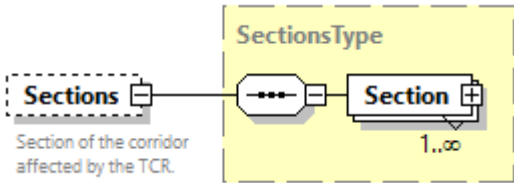
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string

properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Brief description of the TCR.
source	<pre><xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Brief description of the TCR.</xs:documentation> </xs:annotation> </xs:element></pre>

element **TCRType/WholeNetwork**

diagram	≡ WholeNetwork Use this element to indicate whether the whole network is affected												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Use this element to indicate whether the whole network is affected												
source	<pre><xs:element name="WholeNetwork" type="CompanyCode"> <xs:annotation> <xs:documentation>Use this element to indicate whether the whole network is affected</xs:documentation> </xs:annotation> </xs:element></pre>												

element **TCRType/Sections**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	SectionsType
properties	minOcc 0 maxOcc 1

	content complex
children	Section
annotation	documentation Section of the corridor affected by the TCR.
source	<pre><xs:element name="Sections" type="SectionsType" minOccurs="0"> <xs:annotation> <xs:documentation>Section of the corridor affected by the TCR.</xs:documentation> </xs:annotation> </xs:element></pre>

element **TCRType/AffectedBorders**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	AffectedBordersType
properties	minOcc 0 maxOcc 1 content complex
children	AffectedBorder
annotation	documentation If the selected Location from or Location to entity is defined as a border station, the value for the Affected border is defined as affected border.
source	<pre><xs:element name="AffectedBorders" type="AffectedBordersType" minOccurs="0"> <xs:annotation> <xs:documentation>If the selected Location from or Location to entity is defined as a border station, the value for the Affected border is defined as affected border.</xs:documentation> </xs:annotation> </xs:element></pre>

element **TCRType/AffectedIMs**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	AffectedIMsType
properties	minOcc 0 maxOcc 1 content complex
children	AffectedIM
annotation	documentation IMs involved in the harmonisation process
source	<pre><xs:element name="AffectedIMs" type="AffectedIMsType" minOccurs="0"> <xs:annotation> <xs:documentation>IMs involved in the harmonisation process</xs:documentation> </xs:annotation> </xs:element></pre>

element **TCRType/InvolvedICE**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	InvolvedICESType
properties	minOcc 0 maxOcc 1 content complex
children	InvolvedICE
annotation	documentation International Coordination Entities affected or involved in the coordination
source	<pre><xs:element name="InvolvedICE" type="InvolvedICESType" minOccurs="0"> <xs:annotation> <xs:documentation>International Coordination Entities affected or involved in the coordination</xs:documentation> </xs:annotation> </xs:element></pre>

element **TCRType/TemporalExpansion**

diagram	TemporalExpansionType (extension) TemporalExpansion Defines the temporal expansion of the TCR ExpansionType Temporal Expansion type of the TCR. Value : PERIODICAL CONTINUOUS PlannedCalendar This is the calendar item for path request/path details messages - used in planning phase RoughDates WeeklyPattern Indicate the weekly pattern of the TCR. This is NOT a calendar of validity days. The first element references Monday, the second Tuesday, etc. TCRTimeAtLocation 0..2 WeeklyPattern Indicate the weekly pattern of the TCR. This is NOT a calendar of validity days. The first element references Monday, the second Tuesday, etc. WeeklyInterval					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
type	extension of TemporalExpansionType					
properties	content complex					
children	PlannedCalendar RoughDates WeeklyPattern TCRTimeAtLocation WeeklyInterval					
attributes	Name ExpansionType	Type derived by: xs:token	Use required	Default	Fixed	Annotation documentation Temporal Expansion type of the TCR. Value : PERIODICAL

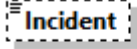
	CONTINUOUS
annotation	documentation Defines the temporal expansion of the TCR
source	<pre><xs:element name="TemporalExpansion"> <xs:annotation> <xs:documentation>Defines the temporal expansion of the TCR</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="TemporalExpansionType"/> </xs:complexContent> </xs:complexType> </xs:element></pre>

element **TCRType/OperationalConsequences**

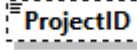
diagram	<pre> classDiagram class OperationalConsequencesType { ReducedTrackAvailability 0..2 DimensionalRestriction 0..3 TotalClosure SpeedRestriction NoCatenary AffectedTrafficVolume TCRClassification TrafficMeasures Deviations InternationalCoordination InYearlyTimetable IndicationOfTimetableAdaption } class OperationalConsequences OperationalConsequencesType -- OperationalConsequences </pre> OperationalConsequencesType ReducedTrackAvailability 0..2 Gives an indication of a partial closure on some tracks. Attribute values: LT = Line Track, ST = Station Track DimensionalRestriction 0..3 TotalClosure SpeedRestriction NoCatenary No catenary in sense of Diesel only, hybrid or batterie locos. AffectedTrafficVolume TCRClassification Classifies the impact of the TCR <table border="1"> <tr><td>10</td><td>Minor</td></tr> <tr><td>20</td><td>Medium</td></tr> <tr><td>30</td><td>High</td></tr> <tr><td>40</td><td>Major</td></tr> <tr><td>50</td><td>Unclassified</td></tr> </table> TrafficMeasures Deviations InternationalCoordination InYearlyTimetable IndicationOfTimetableAdaption Gives an indication when the timetable shall be adapted, used only if InYearlyTimetable = false. OperationalConsequences	10	Minor	20	Medium	30	High	40	Major	50	Unclassified
10	Minor										
20	Medium										
30	High										
40	Major										
50	Unclassified										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5										
type	OperationalConsequencesType										
properties	minOcc 0 maxOcc 1 content complex										
children	ReducedTrackAvailability DimensionalRestriction TotalClosure SpeedRestriction NoCatenary AffectedTrafficVolume TCRClassification TrafficMeasures Deviations InternationalCoordination										

	InYearlyTimetable IndicationOfTimetableAdaption
source	<pre><xs:element name="OperationalConsequences" type="OperationalConsequencesType" minOccurs="0"/></pre>

element TCRTType/Incident

diagram	 Use this element as an enabler in order to report an incident in operations.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Use this element as an enabler in order to report an incident in operations.
source	<pre><xs:element name="Incident" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Use this element as an enabler in order to report an incident in operations.</xs:documentation> </xs:annotation> </xs:element></pre>

element TCRTType/ProjectID

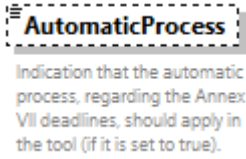
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
source	<pre><xs:element name="ProjectID" type="xs:string" minOccurs="0"/></pre>

element TCRTType/LastUpdated

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1

	content simple
source	<code><xs:element name="LastUpdated" type="xs:dateTime" minOccurs="0"/></code>

element **TCRTType/AutomaticProcess**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication that the automatic process, regarding the Annex VII deadlines, should apply in the tool (if it is set to true).
source	<pre><xs:element name="AutomaticProcess" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication that the automatic process, regarding the Annex VII deadlines, should apply in the tool (if it is set to true).</xs:documentation> </xs:annotation> </xs:element></pre>

complexType **TemporalExpansionType**

diagram	<pre> xsd:element name="TemporalExpansionType" type="TemporalExpansionType"> attributes ExpansionType Temporal Expansion type of the TCR. Value : PERIODICAL CONTINUOUS PlannedCalendar This is the calendar item for path request/path details messages - used in planning phase TCRTTimeAtLocation 0..2 WeeklyPattern Indicate the weekly pattern of the TCR. This is NOT a calendar of validity days. The first element references Monday, the second Tuesday, etc. WeeklyInterval </pre>					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
children	PlannedCalendar RoughDates WeeklyPattern TCRTTimeAtLocation WeeklyInterval					
used by	element TCRType/TemporalExpansion					
attributes	Name ExpansionType	Type derived by: xs:token	Use required	Default	Fixed	Annotation documentation Temporal Expansion type of the TCR. Value : PERIODICAL CONTINUOUS

source	<pre> <xs:complexType name="TemporalExpansionType"> <xs:sequence> <xs:choice> <xs:element ref="PlannedCalendar"/> <xs:sequence> <xs:element name="RoughDates" type="RoughDurationType"/> <xs:element ref="WeeklyPattern"/> </xs:sequence> </xs:choice> <xs:element ref="TCRTimeAtLocation" minOccurs="0" maxOccurs="2"/> <xs:element ref="WeeklyPattern" minOccurs="0"/> <xs:element name="WeeklyInterval" type="xs:positiveInteger" minOccurs="0"/> </xs:sequence> <xs:attribute ref="ExpansionType" use="required"/> </xs:complexType> </pre>

element **TemporalExpansionType/RoughDates**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	RoughDurationType
properties	content complex
children	StartYear StartWeek EndYear EndWeek
source	<pre> <xs:element name="RoughDates" type="RoughDurationType"/> </pre>

element **TemporalExpansionType/WeeklyInterval**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:positiveInteger
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="WeeklyInterval" type="xs:positiveInteger" minOccurs="0"/></code>

complexType **TimeAndOffset**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	Time Offset
used by	elements TCRTimeAtLocation/EndTime TCRTimeAtLocation/StartTime
source	<pre> <xs:complexType name="TimeAndOffset"> <xs:sequence> <xs:element name="Time" type="xs:time" minOccurs="0"> <xs:annotation> <xs:documentation>hh:mm:ss can be empty if exact time is not known yet. </xs:documentation> </xs:element> <xs:element ref="Offset"> <xs:annotation> <xs:documentation>In days. Can be negative.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

element **TimeAndOffset/Time**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:time
properties	minOcc 0 maxOcc 1 content simple

annotation	documentation hh:mm:ss can be empty if exact time is not known yet.
source	<pre> <xs:element name="Time" type="xs:time" minOccurs="0"> <xs:annotation> <xs:documentation>hh:mm:ss can be empty if exact time is not known yet. </xs:documentation> </xs:annotation> </xs:element> </pre>

complexType **TrafficMeasuresType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	Cancellation ReRouting Replacement EstimatedDelay
used by	elements OperationalConsequencesType/TrafficMeasures TCRSearchCriteria/TrafficMeasuresSearch
source	<pre> <xs:complexType name="TrafficMeasuresType"> <xs:sequence> <xs:element name="Cancellation" type="AffectedServicesType" minOccurs="0" maxOccurs="4"/> <xs:element name="ReRouting" type="AffectedServicesType" minOccurs="0" maxOccurs="4"/> <xs:element name="Replacement" type="AffectedServicesType" minOccurs="0" maxOccurs="4"/> <xs:element name="EstimatedDelay" type="DelayType" minOccurs="0" maxOccurs="4"/> </xs:sequence> </xs:complexType> </pre>

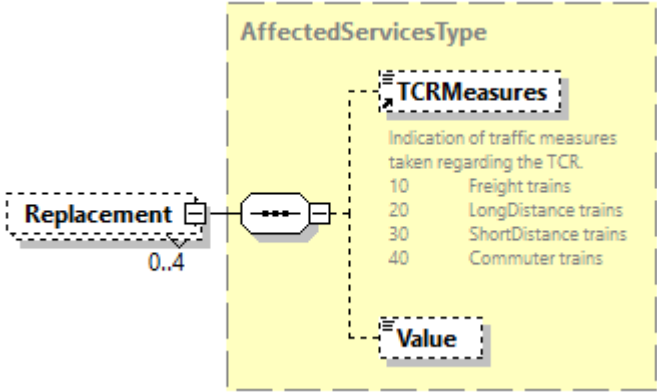
element **TrafficMeasuresType/Cancellation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	AffectedServicesType
properties	minOcc 0 maxOcc 4 content complex
children	TCRMeasures Value
source	<pre><xs:element name="Cancellation" type="AffectedServicesType" minOccurs="0" maxOccurs="4"/></pre>

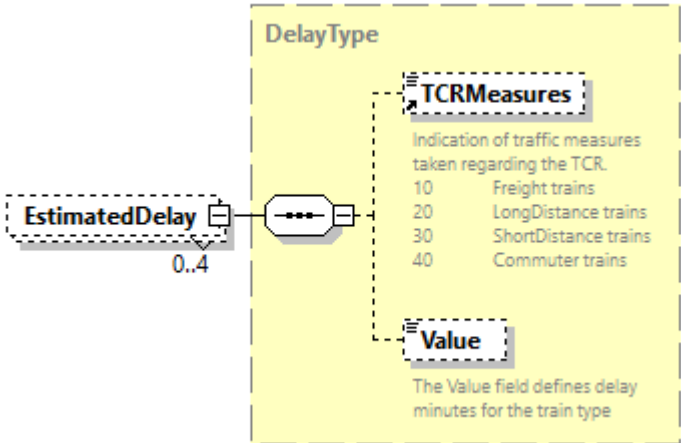
element **TrafficMeasuresType/ReRouting**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	AffectedServicesType
properties	minOcc 0 maxOcc 4 content complex
children	TCRMeasures Value
source	<pre><xs:element name="ReRouting" type="AffectedServicesType" minOccurs="0" maxOccurs="4"/></pre>

element **TrafficMeasuresType/Replacement**

diagram	 The diagram shows the Replacement element (a dashed box) connected to the AffectedServicesType container (a yellow box). The Replacement element has a cardinality of 0..4. Inside the container, the TCRMeasures element (a dashed box) is connected to the Value element (a dashed box). The TCRMeasures element has a cardinality of 1 and contains a list of traffic measures: 10 Freight trains, 20 LongDistance trains, 30 ShortDistance trains, and 40 Commuter trains. The Value element has a cardinality of 1 and contains the text: "The Value field defines delay minutes for the train type".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	AffectedServicesType
properties	minOcc 0 maxOcc 4 content complex
children	TCRMeasures Value
source	<pre><xs:element name="Replacement" type="AffectedServicesType" minOccurs="0" maxOccurs="4"/></pre>

element **TrafficMeasuresType/EstimatedDelay**

diagram	 The diagram shows the EstimatedDelay element (a dashed box) connected to the DelayType container (a yellow box). The EstimatedDelay element has a cardinality of 0..4. Inside the container, the TCRMeasures element (a dashed box) is connected to the Value element (a dashed box). The TCRMeasures element has a cardinality of 1 and contains a list of traffic measures: 10 Freight trains, 20 LongDistance trains, 30 ShortDistance trains, and 40 Commuter trains. The Value element has a cardinality of 1 and contains the text: "The Value field defines delay minutes for the train type".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	DelayType
properties	minOcc 0 maxOcc 4 content complex
children	TCRMeasures Value

source

```
<xs:element name="EstimatedDelay" type="DelayType" minOccurs="0" maxOccurs="4"/>
```


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	TrainActivityType AssociatedAttachedTrainID AssociatedAttachedOTN AssociatedAttachedTrainServiceNumber AssociatedAttachedTimingAtLocation AssociatedAttachedLocationIdent FreeTextField
used by	element TrainActivity
source	<pre> <xs:complexType name="TrainActivityType"> <xs:sequence> <xs:element ref="TrainActivityType"/> <xs:element ref="AssociatedAttachedTrainID" minOccurs="0"/> <xs:element ref="AssociatedAttachedOTN" minOccurs="0"/> <xs:element ref="AssociatedAttachedTrainServiceNumber" minOccurs="0"/> <xs:element ref="AssociatedAttachedTimingAtLocation" minOccurs="0"/> <xs:element ref="AssociatedAttachedLocationIdent" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType **ValidationEntryType**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
children	message					
used by	elements ImportResultType/DataValidation ImportResultType/SemanticValidation ImportResultType/SyntaxValidation					
attributes	Name	Type	Use	Default	Fixed	Annotation
	status	TCRValidationStatusType	required			
source	<pre> <xs:complexType name="ValidationEntryType"> <xs:sequence> <xs:element name="message" type="xs:string"/> </xs:sequence> <xs:attribute name="status" type="TCRValidationStatusType" use="required"/> </xs:complexType> </pre>					

attribute **ValidationEntryType/@status**

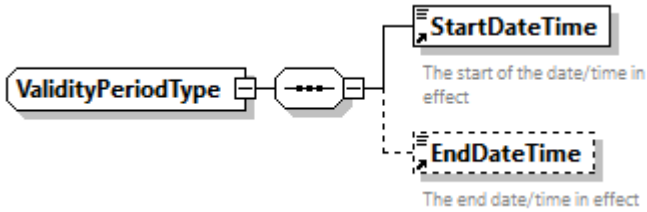
type	TCRValidationStatusType		
properties	use required		
facets	Kind	Value	Annotation
	enumeration	PASSED	
	enumeration	INFO	

	enumeration WARNING enumeration FAILED enumeration SKIPPED
source	<pre><xs:attribute name="status" type="TCRValidationStatusType" use="required"/></pre>

element **ValidationEntryType/message**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	content simple
source	<pre><xs:element name="message" type="xs:string"/></pre>

complexType **ValidityPeriodType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	StartDateTime EndDateTime
used by	elements LocationPrimaryInformation/FreightValidityPeriod LocationPrimaryInformation/PassengerValidityPeriod LocationSubsidiaryInformation/ValidityPeriod ValidityPeriod
source	<pre><xs:complexType name="ValidityPeriodType"> <xs:sequence> <xs:element ref="StartDateTime"/> <xs:element ref="EndDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

complexType **WagonTelematics**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	TelematicsOnBoard TelematicsDevice
used by	element RollingStockDataset/DesignDataSet/WagonTelematics
source	<pre> <xs:complexType name="WagonTelematics"> <xs:sequence> <xs:element name="TelematicsOnBoard" type="xs:boolean"> <xs:annotation> <xs:documentation xml:lang="en">Indication if wagon is equipped with a telematics device.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Detailed information about a specific telematics device.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeviceType"> <xs:annotation> <xs:documentation xml:lang="en">Specification of type of telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Telematics Unit"/> <xs:enumeration value="Sensor"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ComponentMounted" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Indication of the component to which the telematics unit is attached.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Superstructure"/> <xs:enumeration value="Tank"/> <xs:enumeration value="End wall"/> <xs:enumeration value="Side wall"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>

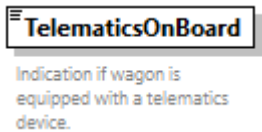
```

        <xs:enumeration value="Marking plate"/>
        <xs:enumeration value="Frame"/>
        <xs:enumeration value="Headstock"/>
        <xs:enumeration value="Saddle plate"/>
        <xs:enumeration value="Longitudinal beam"/>
        <xs:enumeration value="Latitudinal beam"/>
        <xs:enumeration value="Hitch"/>
        <xs:enumeration value="Bogie"/>
        <xs:enumeration value="Axle"/>
        <xs:enumeration value="Axle box"/>
        <xs:enumeration value="Lift off protection"/>
        <xs:enumeration value="Brake system"/>
        <xs:enumeration value="Brake blocks"/>
        <xs:enumeration value="Air pipes"/>
        <xs:enumeration value="Brake valves"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="MountedPosition" minOccurs="0"
maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation xml:lang="en">Indication of where the telematics
unit is located on the component.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:enumeration value="Side"/>
            <xs:enumeration value="Top"/>
            <xs:enumeration value="Bottom"/>
            <xs:enumeration value="Inside"/>
            <xs:enumeration value="Left"/>
            <xs:enumeration value="Right"/>
            <xs:enumeration value="Center"/>
            <xs:enumeration value="Below isolation"/>
            <xs:enumeration value="Hand brake end"/>
            <xs:enumeration value="Non brake end"/>
            <xs:enumeration value="1"/>
            <xs:enumeration value="2"/>
            <xs:enumeration value="3"/>
            <xs:enumeration value="4"/>
            <xs:enumeration value="5"/>
            <xs:enumeration value="6"/>
            <xs:enumeration value="7"/>
            <xs:enumeration value="8"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ManufacturerName" minOccurs="0">
    <xs:annotation>
        <xs:documentation xml:lang="en">Name of the manufacturer of the
telematics device.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="255"/>

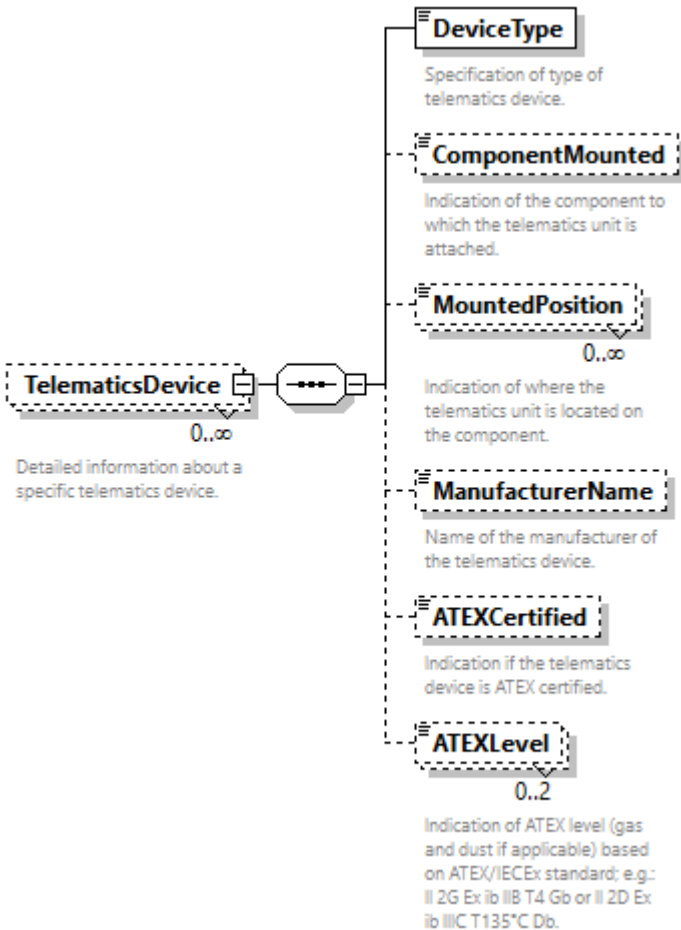
```

	<pre> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Indication if the telematics device is ATEX certified.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation xml:lang="en">Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>

element **WagonTelematics/TelematicsOnBoard**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Indication if wagon is equipped with a telematics device.
source	<pre> <xs:element name="TelematicsOnBoard" type="xs:boolean"> <xs:annotation> <xs:documentation xml:lang="en">Indication if wagon is equipped with a telematics device.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **WagonTelematics/TelematicsDevice**

diagram	 TelematicsDevice 0..∞ Detailed information about a specific telematics device. DeviceType Specification of type of telematics device. ComponentMounted Indication of the component to which the telematics unit is attached. MountedPosition 0..2 Indication of where the telematics unit is located on the component. ManufacturerName Name of the manufacturer of the telematics device. ATEXCertified Indication if the telematics device is ATEX certified. ATEXLevel 0..2 Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib III C T135°C Db.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	DeviceType ComponentMounted MountedPosition ManufacturerName ATEXCertified ATEXLevel
annotation	documentation Detailed information about a specific telematics device.
source	<pre> <xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Detailed information about a specific telematics device.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeviceType"> <xs:annotation> <xs:documentation xml:lang="en">Specification of type of telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>

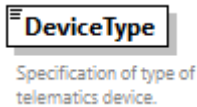
```

        <xs:enumeration value="Telematics Unit"/>
        <xs:enumeration value="Sensor"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ComponentMounted" minOccurs="0">
    <xs:annotation>
        <xs:documentation xml:lang="en">Indication of the component to which the
telematics unit is attached.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:enumeration value="Superstructure"/>
            <xs:enumeration value="Tank"/>
            <xs:enumeration value="End wall"/>
            <xs:enumeration value="Side wall"/>
            <xs:enumeration value="Marking plate"/>
            <xs:enumeration value="Frame"/>
            <xs:enumeration value="Headstock"/>
            <xs:enumeration value="Saddle plate"/>
            <xs:enumeration value="Longitudinal beam"/>
            <xs:enumeration value="Latitudinal beam"/>
            <xs:enumeration value="Hitch"/>
            <xs:enumeration value="Bogie"/>
            <xs:enumeration value="Axle"/>
            <xs:enumeration value="Axle box"/>
            <xs:enumeration value="Lift off protection"/>
            <xs:enumeration value="Brake system"/>
            <xs:enumeration value="Brake blocks"/>
            <xs:enumeration value="Air pipes"/>
            <xs:enumeration value="Brake valves"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="MountedPosition" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation xml:lang="en">Indication of where the telematics unit
is located on the component.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:enumeration value="Side"/>
            <xs:enumeration value="Top"/>
            <xs:enumeration value="Bottom"/>
            <xs:enumeration value="Inside"/>
            <xs:enumeration value="Left"/>
            <xs:enumeration value="Right"/>
            <xs:enumeration value="Center"/>
            <xs:enumeration value="Below isolation"/>
            <xs:enumeration value="Hand brake end"/>
            <xs:enumeration value="Non brake end"/>
            <xs:enumeration value="1"/>
            <xs:enumeration value="2"/>
            <xs:enumeration value="3"/>
            <xs:enumeration value="4"/>

```

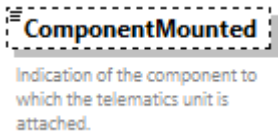
	<pre> <xs:enumeration value="5"/> <xs:enumeration value="6"/> <xs:enumeration value="7"/> <xs:enumeration value="8"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ManufacturerName" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Name of the telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Indication if the telematics device is ATEX certified.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation xml:lang="en">Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonTelematics/TelematicsDevice/DeviceType**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content simple		
facets	Kind enumeration	Value Telematics Unit	Annotation

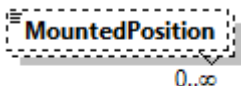
	enumeration Sensor
annotation	documentation Specification of type of telematics device.
source	<pre> <xs:element name="DeviceType"> <xs:annotation> <xs:documentation xml:lang="en">Specification of type of telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Telematics Unit"/> <xs:enumeration value="Sensor"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **WagonTelematics/TelematicsDevice/ComponentMounted**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	minOcc 0 maxOcc 1 content simple		
facets	Kind	Value	Annotation
	enumeration	Superstructure	
	enumeration	Tank	
	enumeration	End wall	
	enumeration	Side wall	
	enumeration	Marking plate	
	enumeration	Frame	
	enumeration	Headstock	
	enumeration	Saddle plate	
	enumeration	Longitudinal beam	
	enumeration	Latitudinal beam	
	enumeration	Hitch	
	enumeration	Bogie	
	enumeration	Axle	
	enumeration	Axle box	
	enumeration	Lift off protection	
	enumeration	Brake system	
	enumeration	Brake blocks	
	enumeration	Air pipes	

	enumeration Brake valves
annotation	documentation Indication of the component to which the telematics unit is attached.
source	<pre> <xs:element name="ComponentMounted" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Indication of the component to which the telematics unit is attached.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Superstructure"/> <xs:enumeration value="Tank"/> <xs:enumeration value="End wall"/> <xs:enumeration value="Side wall"/> <xs:enumeration value="Marking plate"/> <xs:enumeration value="Frame"/> <xs:enumeration value="Headstock"/> <xs:enumeration value="Saddle plate"/> <xs:enumeration value="Longitudinal beam"/> <xs:enumeration value="Latitudinal beam"/> <xs:enumeration value="Hitch"/> <xs:enumeration value="Bogie"/> <xs:enumeration value="Axle"/> <xs:enumeration value="Axle box"/> <xs:enumeration value="Lift off protection"/> <xs:enumeration value="Brake system"/> <xs:enumeration value="Brake blocks"/> <xs:enumeration value="Air pipes"/> <xs:enumeration value="Brake valves"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **WagonTelematics/TelematicsDevice/MountedPosition**

diagram	 Indication of where the telematics unit is located on the component.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation enumeration Side enumeration Top enumeration Bottom

	enumeration Inside enumeration Left enumeration Right enumeration Center enumeration Below isolation enumeration Hand brake end enumeration Non brake end enumeration 1 enumeration 2 enumeration 3 enumeration 4 enumeration 5 enumeration 6 enumeration 7 enumeration 8
annotation	documentation Indication of where the telematics unit is located on the component.
source	<pre> <xs:element name="MountedPosition" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Indication of where the telematics unit is located on the component.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Side"/> <xs:enumeration value="Top"/> <xs:enumeration value="Bottom"/> <xs:enumeration value="Inside"/> <xs:enumeration value="Left"/> <xs:enumeration value="Right"/> <xs:enumeration value="Center"/> <xs:enumeration value="Below isolation"/> <xs:enumeration value="Hand brake end"/> <xs:enumeration value="Non brake end"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> <xs:enumeration value="5"/> <xs:enumeration value="6"/> <xs:enumeration value="7"/> <xs:enumeration value="8"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

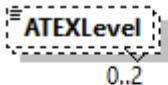
element **WagonTelematics/TelematicsDevice/ManufacturerName**

diagram	ManufacturerName Name of the manufacturer of the telematics device.						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	255	
Kind	Value	Annotation					
maxLength	255						
annotation	documentation Name of the manufacturer of the telematics device.						
source	<pre><xs:element name="ManufacturerName" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Name of the manufacturer of the telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

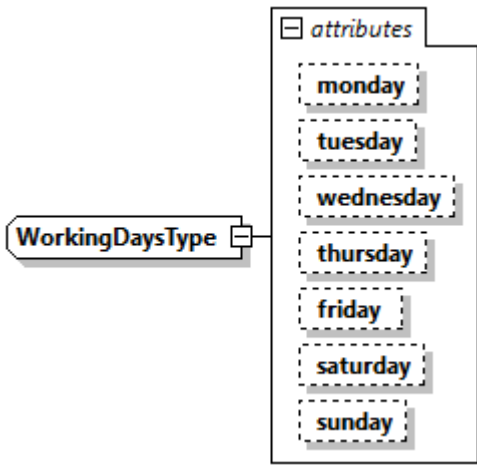
element **WagonTelematics/TelematicsDevice/ATEXCertified**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if the telematics device is ATEX certified.
source	<pre><xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Indication if the telematics device is ATEX certified.</xs:documentation> </xs:annotation> </xs:element></pre>

element **WagonTelematics/TelematicsDevice/ATEXLevel**

diagram	 Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEX standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 2 content simple
facets	Kind Value Annotation maxLength 50
annotation	documentation Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEX standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.
source	<pre><xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation xml:lang="en">Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEX standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

complexType **WorkingDaysType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

attributes	Name	Type	Use	Default	Fixed	Annotation
	monday	xs:boolean				
	tuesday	xs:boolean				
	wednesday	xs:boolean				
	thursday	xs:boolean				
	friday	xs:boolean				
	saturday	xs:boolean				
	sunday	xs:boolean				
source	<pre><xs:complexType name="WorkingDaysType"> <xs:attribute name="monday" type="xs:boolean"/> <xs:attribute name="tuesday" type="xs:boolean"/> <xs:attribute name="wednesday" type="xs:boolean"/> <xs:attribute name="thursday" type="xs:boolean"/> <xs:attribute name="friday" type="xs:boolean"/> <xs:attribute name="saturday" type="xs:boolean"/> <xs:attribute name="sunday" type="xs:boolean"/> </xs:complexType></pre>					

attribute **WorkingDaysType/@monday**

type	xs:boolean
source	<pre><xs:attribute name="monday" type="xs:boolean"/></pre>

attribute **WorkingDaysType/@tuesday**

type	xs:boolean
source	<pre><xs:attribute name="tuesday" type="xs:boolean"/></pre>

attribute **WorkingDaysType/@wednesday**

type	xs:boolean
source	<pre><xs:attribute name="wednesday" type="xs:boolean"/></pre>

attribute **WorkingDaysType/@thursday**

type	xs:boolean
source	<pre><xs:attribute name="thursday" type="xs:boolean"/></pre>

attribute **WorkingDaysType/@friday**

type	xs:boolean
source	<pre><xs:attribute name="friday" type="xs:boolean"/></pre>

attribute **WorkingDaysType/@saturday**

type	xs:boolean
source	<code><xs:attribute name="saturday" type="xs:boolean"/></code>

attribute **WorkingDaysType/@sunday**

type	xs:boolean
source	<code><xs:attribute name="sunday" type="xs:boolean"/></code>

simpleType **BitmapWeek**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	element WeeklyPattern		
facets	Kind	Value	Annotation
	minLength	7	
	maxLength	7	
	pattern	[0-1]{7}	
annotation	documentation bitmap for a typical week starting on Monday		
source	<pre><xs:simpleType name="BitmapWeek"> <xs:annotation> <xs:documentation>bitmap for a typical week starting on Monday</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="7"/> <xs:maxLength value="7"/> <xs:pattern value="[0-1]{7}"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **CauseCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	Numeric4-4		
properties	base Numeric4-4		
used by	element CauseType		
facets	Kind	Value	Annotation
	minInclusive	0001	

	maxInclusive 9999
annotation	documentation Cause of a damage or restriction
source	<pre><xs:simpleType name="CauseCode"> <xs:annotation> <xs:documentation>Cause of a damage or restriction</xs:documentation> </xs:annotation> <xs:restriction base="Numeric4-4"/> </xs:simpleType></pre>

simpleType **CommunicationRefID**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	elements	eMail FaxNumber PhoneNumber TrainContactDetails	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	70	
annotation	documentation Identifier for communications contact reference (i.e. fax number, phone number, e-mail, URL)		
source	<pre><xs:simpleType name="CommunicationRefID"> <xs:annotation> <xs:documentation>Identifier for communications contact reference (i.e. fax number, phone number, e-mail, URL)</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **CompanyCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of String4-4		
properties	base String4-4		
used by	<table> <tr> <td>elements</td><td> AllocationCompany RID Checking/CheckingBody/BodyID ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierCode ConsignmentOrderMessage/COMS/COM/Carriers/CarrierCode Wagons/WagonDetails/FormalReports/CarrierCode Wagons/WagonDetails/Examination/CarrierCode ConsignmentOrderMessage/COMS/COM/AcceptancePoint/CarrierCode ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/CarrierCode Company </td></tr> </table>	elements	AllocationCompany RID Checking/CheckingBody/BodyID ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierCode ConsignmentOrderMessage/COMS/COM/Carriers/CarrierCode Wagons/WagonDetails/FormalReports/CarrierCode Wagons/WagonDetails/Examination/CarrierCode ConsignmentOrderMessage/COMS/COM/AcceptancePoint/CarrierCode ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/CarrierCode Company
elements	AllocationCompany RID Checking/CheckingBody/BodyID ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierCode ConsignmentOrderMessage/COMS/COM/Carriers/CarrierCode Wagons/WagonDetails/FormalReports/CarrierCode Wagons/WagonDetails/Examination/CarrierCode ConsignmentOrderMessage/COMS/COM/AcceptancePoint/CarrierCode ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/CarrierCode Company		

	AffectedIMType/CompanyCode WagonDataHERMES/Consignmentdata/CommercialForwardingData/ConsignmentNoteRU CoordinatingIM ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/DeclaringRU DestinationRU WagonDataHERMES/MarshallingRoutingInfo/FollowingResponsibleRU ILU CommercialForwardingData/CommercialOrigin/ForwardingRU TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/OriginOfVehicle/ForwardingRU IM Partner ImpactedRU ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicingCarrierCode Keeper LeadRU TransportMonitoring/MonitoringRU NextResponsibleRU WagonDataHERMES/Consignmentdata/OperationalOriginOfWagon/OriginRU PreviousResponsibleRU ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU ConsignmentOrderMessage/COMS/COM_Header/ReceivingRU HermesHeader/Recipient Recipient WagonStatusMessages/WagonStatusMessage/ReportingRU ResponsibleApplicant ConsignmentOrderMessage/COMS/COM/Carriers/ResponsibleCarrierCode ResponsibleIM ResponsibleRU WagonStatusMessages/WagonStatusMessage/CarriersInvolved/Carrier/RU RU Partner ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/SectionCarrierCode HermesHeader/Sender Sender ConsignmentOrderMessage/COMS/COM_Header/SendingRU WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingCarrier TrafficType/TrafficTypeNetwork WagonStatusMessages/WagonStatusMessage/Train/TrainOperatingRU TransfereeIM InterchangePoints/TransfereeRu WagonDataHERMES/Consignmentdata/ListOfInterchangeOrBorderCrossingPoints/TransfereeRU InterchangePoints/TransferorRu WagonDataHERMES/Consignmentdata/ListOfInterchangeOrBorderCrossingPoints/TransferorRU UserRU TCRTType/WholeNetwork		
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
annotation	documentation Identifies the RU, IM or other company involved in the Rail Transport Chain. The company codes are located in the ERA's Organization Codes Register (OCR).		
source	<pre><xs:simpleType name="CompanyCode"> <xs:annotation> <xs:documentation>Identifies the RU, IM or other company involved in the Rail Transport Chain. The company codes are located in the ERA's Organization Codes Register (OCR). </xs:documentation> </xs:annotation> <xs:restriction base="String4-4"> <xs:pattern value="[0-9A-Z]{4}" /> </xs:restriction> </xs:simpleType></pre>		

simpleType **ConsignmentTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:token

properties	base xs:token									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>CIM</td><td>documentation CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)</td></tr><tr><td>enumeration</td><td>Other</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	CIM	documentation CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)	enumeration	Other	
Kind	Value	Annotation								
enumeration	CIM	documentation CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)								
enumeration	Other									
annotation	documentation Identifies the type of a waybill.									
source	<pre><xs:simpleType name="ConsignmentTypeCode"> <xs:annotation> <xs:documentation>Identifies the type of a waybill.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="Other"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **CountryIdentISO**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base	xs:string	
used by	elements	WagonPerformanceMessage/PerformanceData/Country Customers/Country ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/CountryCode ConsignmentOrderMessage/COMS/COM/Carriers/CountryCode ConsignmentOrderMessage/COMS/COM/LeadCarrier/CountryCode CountryCodeISO ILU Details/DepartureCountry ITU Details/DepartureCountry RollingStockDataset/DesignDataSet/LoadTable/LoadTableCountry RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries OriginCountry RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry RollingStockDataset/AdministrativeDataSet/RegistrationCountry UltimateDestinationCountry	
facets	Kind	Value	Annotation
	minLength	2	
	maxLength	2	
annotation	documentation	ISO 3166-1 alpha code (2 positions)	
source	<pre><xs:simpleType name="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO 3166-1 alpha code (2 positions)</xs:documentation></pre>		

	<pre> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **CurrencyCode_Type**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	elements	ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/CurrencyCode ConsignmentOrderMessage/COMS/COM/InterestInDelivery/CurrencyCode ConsignmentOrderMessage/COMS/COM/CashOnDelivery/CurrencyCode ConsignmentOrderMessage/COMS/COM/ChargingSections/CurrencyCode	
facets	Kind	Value	Annotation
	pattern	[A-Z][A-Z][A-Z]	
annotation	documentation CODE: ISO Currency code (ISO-4217)		
source	<xs:simpleType name="CurrencyCode_Type"> <xs:annotation> <xs:documentation>CODE: ISO Currency code (ISO-4217)</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="[A-Z][A-Z][A-Z]"/> </xs:restriction> </xs:simpleType>		

simpleType **DelayCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	base xs:token		
used by	elements	DelayCause InterruptionReason ModificationReason	
facets	Kind	Value	Annotation
	enumeration	11	documentation Formation of trains if managed by infrastructure manager
	enumeration	10	documentation Timetable compilation
	enumeration	12	documentation Mistakes in operational procedures
	enumeration	13	documentation Wrong application of priority rules
	enumeration	14	
	enumeration	18	documentation Staff

	enumeration	19	documentation Other causes related to the operational planning and management
	enumeration	20	documentation Signalling installations
	enumeration	21	documentation Signalling installations at level crossings
	enumeration	22	documentation Telecommunication installations
	enumeration	23	documentation Power supply equipment
	enumeration	24	documentation Track
	enumeration	25	documentation Structures
	enumeration	28	documentation Staff
	enumeration	29	documentation Other causes related to infrastructure installations
	enumeration	31	documentation Irregularities in execution of construction work
	enumeration	30	documentation Planned construction work
	enumeration	32	documentation Speed restrictions due to defective track
	enumeration	39	documentation Other causes related to Civil engineering
	enumeration	40	documentation Delay caused by next IM
	enumeration	41	documentation Delay caused by previous IM
	enumeration	50	documentation exceeding the stop time
	enumeration	51	documentation Request of the RU
	enumeration	52	documentation Loading operations
	enumeration	53	documentation Loading irregularities
	enumeration	54	documentation Commercial preparation of the train
	enumeration	58	documentation Staff
	enumeration	59	documentation Other causes related to commercial causes
	enumeration	60	documentation Roster planning/re-rostering
	enumeration	61	documentation Formation of trains by the RU
	enumeration	62	documentation Problems affecting coaches
	enumeration	63	documentation Problems affecting wagons
	enumeration	64	documentation Problems affecting traction units

	enumeration 68 documentation Staff enumeration 69 documentation Other causes related to Rolling Stock enumeration 70 documentation Delay caused by next RU enumeration 71 documentation Delay caused by previous RU enumeration 80 documentation Strike enumeration 81 documentation Administrative formalites enumeration 82 documentation Outside influence enumeration 83 documentation Effects of weather and natural causes enumeration 84 documentation Delay caused by external reasons on the next network enumeration 89 documentation Other external causes enumeration 90 documentation Dangerous incidents, accidents and hazards enumeration 91 documentation Track occupation caused by the lateness of the same train enumeration 92 documentation Track occupation caused by the lateness of another train enumeration 93 documentation Turn round enumeration 94 documentation Connection enumeration 95 documentation Further investigation needed
annotation	documentation Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C.
source	<pre> <xs:simpleType name="DelayCode"> <xs:annotation> <xs:documentation>Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Formation of trains if managed by infrastructure manager</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Timetable compilation</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Mistakes in operational procedures</xs:documentation> </pre>

```

    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="13">
    <xs:annotation>
      <xs:documentation>Wrong application of priority rules</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="14"/>
  <xs:enumeration value="18">
    <xs:annotation>
      <xs:documentation>Staff</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="19">
    <xs:annotation>
      <xs:documentation>Other causes related to the operational planning and
management</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="20">
    <xs:annotation>
      <xs:documentation>Signalling installations</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="21">
    <xs:annotation>
      <xs:documentation>Signalling installations at level
crossings</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="22">
    <xs:annotation>
      <xs:documentation>Telecommunication installations</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="23">
    <xs:annotation>
      <xs:documentation>Power supply equipment</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="24">
    <xs:annotation>
      <xs:documentation>Track</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="25">
    <xs:annotation>
      <xs:documentation>Structures</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="28">
    <xs:annotation>
      <xs:documentation>Staff</xs:documentation>
    </xs:annotation>
  </xs:enumeration>

```

```

<xs:enumeration value="29">
  <xs:annotation>
    <xs:documentation>Other causes related to infrastructure
installations</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="31">
  <xs:annotation>
    <xs:documentation>Irregularities in execution of construction
work</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="30">
  <xs:annotation>
    <xs:documentation>Planned construction work</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="32">
  <xs:annotation>
    <xs:documentation>Speed restrictions due to defective
track</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="39">
  <xs:annotation>
    <xs:documentation>Other causes related to Civil
engineering</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="40">
  <xs:annotation>
    <xs:documentation>Delay caused by next IM</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="41">
  <xs:annotation>
    <xs:documentation>Delay caused by previous IM</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="50">
  <xs:annotation>
    <xs:documentation>exceeding the stop time</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="51">
  <xs:annotation>
    <xs:documentation>Request of the RU</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="52">
  <xs:annotation>
    <xs:documentation>Loading operations</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="53">

```

	<pre> <xs:annotation> <xs:documentation>Loading irregularities</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="54"> <xs:annotation> <xs:documentation>Commercial preparation of the train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="58"> <xs:annotation> <xs:documentation>Staff</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="59"> <xs:annotation> <xs:documentation>Other causes related to commercial causes</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="60"> <xs:annotation> <xs:documentation>Roster planning/re-rostering</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="61"> <xs:annotation> <xs:documentation>Formation of trains by the RU</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="62"> <xs:annotation> <xs:documentation>Problems affecting coaches</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="63"> <xs:annotation> <xs:documentation>Problems affecting wagons</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="64"> <xs:annotation> <xs:documentation>Problems affecting traction units</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="68"> <xs:annotation> <xs:documentation>Staff</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="69"> <xs:annotation> <xs:documentation>Other causes related to Rolling Stock</xs:documentation> </xs:annotation> </pre>


```

</xs:enumeration>
<xs:enumeration value="70">
  <xs:annotation>
    <xs:documentation>Delay caused by next RU</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="71">
  <xs:annotation>
    <xs:documentation>Delay caused by previous RU</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="80">
  <xs:annotation>
    <xs:documentation>Strike</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="81">
  <xs:annotation>
    <xs:documentation>Administrative formalites</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="82">
  <xs:annotation>
    <xs:documentation>Outside influence</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="83">
  <xs:annotation>
    <xs:documentation>Effects of weather and natural
causes</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="84">
  <xs:annotation>
    <xs:documentation>Delay caused by external reasons on the next
network</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="89">
  <xs:annotation>
    <xs:documentation>Other external causes</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="90">
  <xs:annotation>
    <xs:documentation>Dangerous incidents, accidents and
hazards</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="91">
  <xs:annotation>
    <xs:documentation>Track occupation caused by the lateness of the same
train</xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

	<pre> <xs:enumeration value="92"> <xs:annotation> <xs:documentation>Track occupation caused by the lateness of another train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="93"> <xs:annotation> <xs:documentation>Turn round</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="94"> <xs:annotation> <xs:documentation>Connection</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="95"> <xs:annotation> <xs:documentation>Further investigation needed</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>

simpleType **DeltaTime**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	base xs:string						
used by	elements AgainstBooked AgainstReferenced						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>5</td><td></td></tr></table>	Kind	Value	Annotation	length	5	
Kind	Value	Annotation					
length	5						
annotation	documentation Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric						
source	<pre><xs:simpleType name="DeltaTime"> <xs:annotation> <xs:documentation>Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="5"/> </xs:restriction> </xs:simpleType></pre>						

simpleType **DerailmentDetectionDevice**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

properties	base xs:string												
used by	element RollingStockDataset/DesignDataSet/DerailmentDetectionDevice												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>EDT 101</td><td></td></tr><tr><td>enumeration</td><td>MDV 100</td><td></td></tr><tr><td>enumeration</td><td>Non coded device</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	EDT 101		enumeration	MDV 100		enumeration	Non coded device	
Kind	Value	Annotation											
enumeration	EDT 101												
enumeration	MDV 100												
enumeration	Non coded device												
annotation	documentation Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with such device. The following values are defined: EDT 101 MDV 100 Non coded device												
source	<pre><xs:simpleType name="DerailmentDetectionDevice"> <xs:annotation> <xs:documentation>Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with such device. The following values are defined: EDT 101 MDV 100 Non coded device </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EDT 101"/> <xs:enumeration value="MDV 100"/> <xs:enumeration value="Non coded device"/> </xs:restriction> </xs:simpleType></pre>												

simpleType **EquipmentNumberType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	elements	GoodsInWagon/ContainerNumber ITU Details/Number	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	13	
annotation	documentation Number of ITU		
source	<pre><xs:simpleType name="EquipmentNumberType"> <xs:annotation> <xs:documentation>Number of ITU</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"></pre>		

	<pre> <xs:minLength value="1"/> <xs:maxLength value="13"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **EquipmentTypeType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	base xs:token		
used by	element ITU_Type		
facets	Kind	Value	Annotation
	enumeration	cn	documentation Container
	enumeration	sw	documentation swap body
	enumeration	te	documentation Trailer (RollingRoad)
annotation	documentation Type of equipment		
source	<pre> <xs:simpleType name="EquipmentTypeType"> <xs:annotation> <xs:documentation>Type of equipment</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="cn"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="sw"> <xs:annotation> <xs:documentation>swap body</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="te"> <xs:annotation> <xs:documentation>Trailer (RollingRoad)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>		

simpleType **ForwardingRestrictionType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		

properties	base xs:token																																																									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>07</td><td></td></tr><tr><td>enumeration</td><td>08</td><td></td></tr><tr><td>enumeration</td><td>09</td><td></td></tr><tr><td>enumeration</td><td>11</td><td></td></tr><tr><td>enumeration</td><td>12</td><td></td></tr><tr><td>enumeration</td><td>13</td><td></td></tr><tr><td>enumeration</td><td>15</td><td></td></tr><tr><td>enumeration</td><td>16</td><td></td></tr><tr><td>enumeration</td><td>41</td><td></td></tr><tr><td>enumeration</td><td>42</td><td></td></tr><tr><td>enumeration</td><td>61</td><td></td></tr><tr><td>enumeration</td><td>62</td><td></td></tr><tr><td>enumeration</td><td>63</td><td></td></tr><tr><td>enumeration</td><td>70</td><td></td></tr><tr><td>enumeration</td><td>71</td><td></td></tr><tr><td>enumeration</td><td>92</td><td></td></tr><tr><td>enumeration</td><td>94</td><td></td></tr><tr><td>enumeration</td><td></td><td></td></tr></table>	Kind	Value	Annotation	enumeration	07		enumeration	08		enumeration	09		enumeration	11		enumeration	12		enumeration	13		enumeration	15		enumeration	16		enumeration	41		enumeration	42		enumeration	61		enumeration	62		enumeration	63		enumeration	70		enumeration	71		enumeration	92		enumeration	94		enumeration		
Kind	Value	Annotation																																																								
enumeration	07																																																									
enumeration	08																																																									
enumeration	09																																																									
enumeration	11																																																									
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enumeration	15																																																									
enumeration	16																																																									
enumeration	41																																																									
enumeration	42																																																									
enumeration	61																																																									
enumeration	62																																																									
enumeration	63																																																									
enumeration	70																																																									
enumeration	71																																																									
enumeration	92																																																									
enumeration	94																																																									
enumeration																																																										
annotation	documentation Code List Candidate: This code is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load																																																									
source	<pre><xs:simpleType name="ForwardingRestrictionType"> <xs:annotation> <xs:documentation>Code List Candidate: This code is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="07"/> <xs:enumeration value="08"/> <xs:enumeration value="09"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="15"/> <xs:enumeration value="16"/> <xs:enumeration value="41"/> <xs:enumeration value="42"/> <xs:enumeration value="61"/> <xs:enumeration value="62"/> <xs:enumeration value="63"/> <xs:enumeration value="70"/> <xs:enumeration value="71"/> <xs:enumeration value="92"/> <xs:enumeration value="94"/> <xs:enumeration value=""/> </xs:restriction> </xs:simpleType></pre>																																																									

	<code></xs:restriction></code> <code></xs:simpleType></code>

simpleType **FreeText**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	elements	AdditionalInstruction Address CauseDescription CapacityModelType/CMVariant CapacityModelSearchCriteria/CMVariantSearch Comments AffectedIMType/CompanyName ContractNumberMovement InterruptionPoint/DetailedDescriptionOfLocation FreeTextField GoodsDescription HandlingInstruction InvolvedICType/ICName InternalReferenceIdentifier InterruptionDescription LocationSubsidiaryName MessageIdentifier ErrorMessage/ErrorCauseReference/MessageSenderReference Name SectionType/Name Notes/Note PrimaryLocationName RelatedIdentifier RelatedSenderReference Remarks TCRSearchCriteria/InvolvedRFCsSearch/RFCName SenderReference CapacityModelType/Title CapacityModelSearchCriteria/TitleSearch TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription TransportInstruction CapacityModelType/TypeOfContract NetworkSpecificParameter/Value Parameters/Value complexType CargoCodeType	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	
annotation	documentation Clear Text in ISO Unicode character set		
source	<pre><xs:simpleType name="FreeText"> <xs:annotation> <xs:documentation>Clear Text in ISO Unicode character set</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **InfoIndex**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	10	
	enumeration	20	
	enumeration	30	

annotation	documentation indicates additional information
source	<pre> <xs:simpleType name="InfoIndex"> <xs:annotation> <xs:documentation>indicates additional information</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="10"/> <xs:enumeration value="20"/> <xs:enumeration value="30"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **InformationToBeDisplayedCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	base xs:token		
used by	element	UnitData/InformationToBeDisplayed	
facets	Kind	Value	Annotation
	enumeration	01	documentation First-class seats vehicle
	enumeration	02	documentation First-class couchettes vehicle
	enumeration	03	documentation First-class sleepers vehicle
	enumeration	04	documentation Second-class seats vehicle
	enumeration	05	documentation Second-class couchettes vehicle
	enumeration	06	documentation Second-class sleepers vehicle
	enumeration	07	documentation Second-class reclining seats vehicle
	enumeration	08	documentation Panorama vehicle
	enumeration	09	documentation Dining vehicle
	enumeration	10	documentation Bar/Bistro vehicle
	enumeration	11	documentation Mobile dining service
	enumeration	12	documentation Cars loaded
	enumeration	13	documentation Cars loaded against direction of travel
	enumeration	14	documentation Cars loaded in direction of travel
	enumeration	15	documentation Non-smoking vehicle

	enumeration 16 documentation Vehicle with smoking compartments enumeration 17 documentation Vehicle with PRM access enumeration 18 documentation Silence vehicle enumeration 19 documentation Vehicle with child/family facilities enumeration 20 documentation Vehicle with compartments reserved for women enumeration 21 documentation Bike accepted enumeration 22 documentation Bike accepted for free enumeration 23 documentation Bike accepted against paiement enumeration 24 documentation Special vehicle enumeration 25 documentation Telephone enumeration 26 documentation Wifi enumeration 27 documentation Service vehicle enumeration 28 documentation Train staff available in this vehicle enumeration 29 documentation Not in service vehicle enumeration 30 documentation With supplement enumeration 31 documentation Reservation compulsory
annotation	documentation Information for passengers displayed in the stations or in public timetables
source	<pre> <xs:simpleType name="InformationToBeDisplayedCode"> <xs:annotation> <xs:documentation>Information for passengers displayed in the stations or in public timetables</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation xml:lang="en">First-class seats vehicle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation xml:lang="en">First-class couchettes vehicle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> </pre>


```

        <xs:documentation xml:lang="en">First-class sleepers
vehicle</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="04">
        <xs:annotation>
            <xs:documentation xml:lang="en">Second-class seats
vehicle</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="05">
        <xs:annotation>
            <xs:documentation xml:lang="en">Second-class couchettes
vehicle</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="06">
        <xs:annotation>
            <xs:documentation xml:lang="en">Second-class sleepers
vehicle</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="07">
        <xs:annotation>
            <xs:documentation xml:lang="en">Second-class reclining seats
vehicle</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="08">
        <xs:annotation>
            <xs:documentation xml:lang="en">Panorama vehicle</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="09">
        <xs:annotation>
            <xs:documentation xml:lang="en">Dining vehicle</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
        <xs:annotation>
            <xs:documentation xml:lang="en">Bar/Bistro vehicle</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="11">
        <xs:annotation>
            <xs:documentation xml:lang="en">Mobile dining service</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="12">
        <xs:annotation>
            <xs:documentation xml:lang="en">Cars loaded</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="13">
        <xs:annotation>

```

```

        <xs:documentation xml:lang="en">Cars loaded against direction of
travel</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
    <xs:annotation>
        <xs:documentation xml:lang="en">Cars loaded in direction of
travel</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
    <xs:annotation>
        <xs:documentation xml:lang="en">Non-smoking vehicle</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
    <xs:annotation>
        <xs:documentation xml:lang="en">Vehicle with smoking
compartments</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
    <xs:annotation>
        <xs:documentation xml:lang="en">Vehicle with PRM
access</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
    <xs:annotation>
        <xs:documentation xml:lang="en">Silence vehicle</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="19">
    <xs:annotation>
        <xs:documentation xml:lang="en">Vehicle with child/family
facilities</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
    <xs:annotation>
        <xs:documentation xml:lang="en">Vehicle with compartments reserved for
women</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="21">
    <xs:annotation>
        <xs:documentation xml:lang="en">Bike accepted</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="22">
    <xs:annotation>
        <xs:documentation xml:lang="en">Bike accepted for free</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="23">

```

```

        <xs:annotation>
          <xs:documentation xml:lang="en">Bike accepted against
paielement</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="24">
        <xs:annotation>
          <xs:documentation xml:lang="en">Special vehicle</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="25">
        <xs:annotation>
          <xs:documentation xml:lang="en">Telephone</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="26">
        <xs:annotation>
          <xs:documentation xml:lang="en">Wifi</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="27">
        <xs:annotation>
          <xs:documentation xml:lang="en">Service vehicle</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="28">
        <xs:annotation>
          <xs:documentation xml:lang="en">Train staff available in this
vehicle</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="29">
        <xs:annotation>
          <xs:documentation xml:lang="en">Not in service vehicle</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="30">
        <xs:annotation>
          <xs:documentation xml:lang="en">With supplement</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="31">
        <xs:annotation>
          <xs:documentation xml:lang="en">Reservation
compulsory</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>

```

simpleType **InternalFittingDefectCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:token		
properties	base xs:token		
used by	element PassengerUnitRestriction/InternalFittingDefect/InternalFittingDefectCode		
facets	Kind	Value	Annotation
	enumeration	01	documentation Lighting (totally out)
	enumeration	02	documentation Window pane broken
	enumeration	03	documentation Intercom fault
	enumeration	04	documentation Public-address system (incl. WiFi) fault
	enumeration	05	documentation Seats, berths
	enumeration	06	documentation Heating, air conditioning
	enumeration	07	documentation Toilets
	enumeration	08	documentation Water supply
	enumeration	09	documentation Bar/Restaurant equipments
	enumeration	10	documentation Spotting
	enumeration	11	documentation No reservation signs in the vehicle
	enumeration	12	documentation Facilities for bike transport missing/limited
	enumeration	13	documentation PRM accessible device missing/out of order
	enumeration	99	documentation Other
annotation	documentation List of Internal Fitting Defect		
source	<pre> <xs:simpleType name="InternalFittingDefectCode"> <xs:annotation> <xs:documentation>List of Internal Fitting Defect</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation xml:lang="en">Lighting (totally out)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation xml:lang="en">Window pane broken</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> </pre>		

```

        <xs:documentation xml:lang="en">Intercom fault</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="04">
    <xs:annotation>
        <xs:documentation xml:lang="en">Public-address system (incl. WiFi)
fault</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="05">
    <xs:annotation>
        <xs:documentation xml:lang="en">Seats, berths</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="06">
    <xs:annotation>
        <xs:documentation xml:lang="en">Heating, air
conditioning</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="07">
    <xs:annotation>
        <xs:documentation xml:lang="en">Toilets</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="08">
    <xs:annotation>
        <xs:documentation xml:lang="en">Water supply</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="09">
    <xs:annotation>
        <xs:documentation xml:lang="en">Bar/Restaurant
equipments</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
    <xs:annotation>
        <xs:documentation xml:lang="en">Spotting</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
    <xs:annotation>
        <xs:documentation xml:lang="en">No reservation signs in the
vehicle</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
    <xs:annotation>
        <xs:documentation xml:lang="en">Facilities for bike transport
missing/limited</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
    <xs:annotation>

```

	<pre> <xs:documentation xml:lang="en">PRM accessible device missing/out of order</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="99"> <xs:annotation> <xs:documentation xml:lang="en">Other</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>

simpleType **LoadUnitNumberType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	elements	ILUCode RunningStatusReportMessage/TransportDeviceID/LoadUnitNumber ILU Details/LoadUnitNumber LoadUnitNumber IntermodalTransportDataType/LoadUnitNumber	
facets	Kind	Value	Annotation
	whiteSpace	replace	
	pattern	[A-Za-z0-9]{11}	
annotation	documentation The Type consists of three parts, first 4A the owner key, second 6N registration number, third 1N control digit		
source	<pre> <xs:simpleType name="LoadUnitNumberType"> <xs:annotation> <xs:documentation>The Type consists of three parts, first 4A the owner key, second 6N registration number, third 1N control digit</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:whiteSpace value="replace"/> <xs:pattern value="[A-Za-z0-9]{11}"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **MessageCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	element	RelatedReference/RelatedType	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	

annotation	documentation Identifies the type of message
source	<pre> <xs:simpleType name="MessageCode"> <xs:annotation> <xs:documentation>Identifies the type of message</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **Money_Type**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:decimal		
properties	base xs:decimal		
used by	element s	ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/Amount ConsignmentOrderMessage/COMS/COM/InterestInDelivery/Amount ConsignmentOrderMessage/COMS/COM/CashOnDelivery/Amount ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Prepaid ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Prepaid ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Transferred ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Transferred	
facets	Kind	Value	Annotation
	totalDigits	18	
	fractionDigits	2	
annotation	documentation Type for all payments		
source	<pre><xs:simpleType name="Money_Type"> <xs:annotation> <xs:documentation>Type for all payments</xs:documentation> </xs:annotation> <xs:restriction base="xs:decimal"> <xs:totalDigits value="18"/> <xs:fractionDigits value="2"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **Name**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

properties	base xs:string						
used by	element VesselName						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>254</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	254	
Kind	Value	Annotation					
maxLength	254						
annotation	documentation Name in Free Text						
source	<pre><xs:simpleType name="Name"> <xs:annotation> <xs:documentation>Name in Free Text</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="254"/> </xs:restriction> </xs:simpleType></pre>						

simpleType **NHMCodeType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	elements NHM Code ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/NHMCode Goods/PreviousLoadedGood Wagons/GoodsInWagon/PreviousLoadedGood		
facets	Kind	Value	Annotation
	length	6	
	pattern	\d*[1-9]\d*	
annotation	documentation NHM Code		
source	<pre><xs:simpleType name="NHMCodeType"> <xs:annotation> <xs:documentation>NHM Code</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType></pre>		

simpleType **Numeric0-2**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	base xs:integer
used by	element RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecognizedBody

facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>00</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	00		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	00									
maxInclusive	99									
source	<pre><xs:simpleType name="Numeric0-2"> <xs:restriction base="xs:integer"> <xs:minInclusive value="00"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **Numeric0-3**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:decimal		
properties	base xs:decimal		
used by	simpleType RunningSpeed		
facets	Kind	Value	Annotation
	minInclusive	-999	
	maxInclusive	999	
source	<pre><xs:simpleType name="Numeric0-3"> <xs:restriction base="xs:decimal"> <xs:minInclusive value="-999"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **Numeric1-5**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:positiveInteger		
properties	base	xs:positiveInteger	
used by	elements	BogiePivotPitch RollingStockDataset/DesignDataSet/BogiePivotPitch RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen InnerWheelbase RollingStockDataset/DesignDataSet/InnerWheelbase LocationPrimaryCode RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
source	<pre><xs:simpleType name="Numeric1-5"> <xs:restriction base="xs:positiveInteger"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **Numeric1-6**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:int		
properties	base xs:int		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	999999	
source	<pre><xs:simpleType name="Numeric1-6"> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **Numeric2-2**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements	RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear Hitch/InspectionInterval MessageRoutingID RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType HandBrake/ParkingBrakeForces/NumberOfBrakedAxles AirBrake/NumberOfBrakes WagonTechData/TechnicalRestrictions RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN attribute CI InstanceNumber	
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
source	<pre><xs:simpleType name="Numeric2-2"> <xs:restriction base="xs:integer"> <xs:minInclusive value="01"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **Numeric3-3**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	base xs:integer

used by	elements AirBrake/LoadChangeDevice/AirBrakedMassLoaded AirBrake/LoadChangeDevice/ChangeOverWeight simpleType Speed									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>001</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
source	<pre><xs:simpleType name="Numeric3-3"> <xs:restriction base="xs:integer"> <xs:minInclusive value="001"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **Numeric4-4**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements	LengthOfSetOfCarriages RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode TrainLength	
	simpleType	CauseCode	
facets	Kind	Value	Annotation
	minInclusive	0001	
	maxInclusive	9999	
source	<pre><xs:simpleType name="Numeric4-4"> <xs:restriction base="xs:integer"> <xs:minInclusive value="0001"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **ParkingBrakeForceType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:decimal		
properties	base xs:decimal		
used by	elements	HandBrake/ParkingBrakeForces/MaxParkingBrakeForce HandBrake/ParkingBrakeForces/MinParkingBrakeForce	
facets	Kind	Value	Annotation
	totalDigits	4	
	fractionDigits	1	
annotation	documentation	Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.	
source	<xs:simpleType name="ParkingBrakeForceType">		

	<pre> <xs:annotation> <xs:documentation>Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</xs:documentation> </xs:annotation> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **Percentage**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:float		
properties	base xs:float		
used by	element NetworkProjectedLocation/ProportionOfDistanceBetweenLocations		
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	100	
annotation	documentation decimal value between 0 and 100		
source	<pre><xs:simpleType name="Percentage"> <xs:annotation> <xs:documentation>decimal value between 0 and 100</xs:documentation> </xs:annotation> <xs:restriction base="xs:float"> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **PercentageType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements	OperationalConsequencesType/AffectedTrafficVolume TCRSearchCriteria/AffectedTrafficVolumeSearch	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	100	
source	<xs:simpleType name="PercentageType"> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType>		

	<code></xs:restriction></code> <code></xs:simpleType></code>

simpleType **RestrictionCodes**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	base xs:token		
used by	elements RestrictionsDueToLoadOrDamage TechnicalForwardingRestrictions PassengerUnitRestriction/PassengerTransportRestriction/TransportRestrictionCode		
facets	Kind	Value	Annotation
	enumeration	07	documentation F - Shunt only when hand brake operable with ground staff
	enumeration	08	documentation F - Tank wagon loaded with liquid
	enumeration	09	documentation F - Wagon loaded with people
	enumeration	11	documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres
	enumeration	12	documentation F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
	enumeration	13	documentation F - Bogie wagon with distance between wheels of more than 17,50 metres
	enumeration	15	documentation F - Wagon not allowed over the hump
	enumeration	16	documentation F - Do not fly shunt or gravity shunt (3 red triangles)
	enumeration	18	documentation F - Must not use active braking equipment
	enumeration	25	documentation F - Gas carrying tank wagon with orange side stripe
	enumeration	30	documentation P (+F) - CCS fault (see CCS coding list)
	enumeration	31	documentation P (+F) - Braking system fault
	enumeration	32	documentation P (+F) - Wheelset, bogie fault
	enumeration	33	documentation P (+F) - Headlighting or back lighting fault
	enumeration	34	documentation P (+F) - Front glass broken
	enumeration	35	documentation P (+F) - Horn fault
	enumeration	36	documentation P (+F) - Radio fault
	enumeration	37	documentation P (+F) - Energy supply fault
	enumeration	38	documentation P (+F) - Traction or motor fault
	enumeration	39	documentation

	enumeration	41	P - Access door fault documentation F - Place this wagon at the front of the train															
	enumeration	42	documentation F - Place this wagon at the rear of the train															
	enumeration	50	documentation P (+F) - Speed restriction															
	enumeration	52	documentation P (+F) - Diesel locomotive instead of electric locomotive															
	enumeration	61	documentation F - Wagon forming part of a consignment of several wagons															
	enumeration	62	documentation F - Wagon forming part of a group of wagons from which it must not be separated															
	enumeration	63	documentation F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one															
	enumeration	68	documentation F - First or last wagon of a wagon group from which it must not be separated															
	enumeration	70	documentation F - Shunt with care (1 red triangle)															
	enumeration	71	documentation F - Shunt with special care (2 red triangle)															
	enumeration	90	documentation P - Train planned with passengers operated without passengers															
	enumeration	91	documentation P - Train planned without passengers operated with passengers															
	enumeration	92	documentation P - Train planned with hauled rolling stock and operated without any coaches (light engine)															
	enumeration	94	documentation F - Gas carrying wagon without orange side stripe															
	enumeration	99	documentation P - Other															
annotation	documentation All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list. F = Freight P = Passenger T = Technical D = Damage L = Load <table><tr><th>Code</th><th>F or P</th><th>Description</th></tr><tr><td></td><td></td><td>T D L</td></tr><tr><td>07</td><td>F</td><td>Shunt only when hand brake operable with ground staff</td></tr><tr><td></td><td>x</td><td></td></tr><tr><td>08</td><td>F</td><td>Tank wagon loaded with liquid</td></tr></table>			Code	F or P	Description			T D L	07	F	Shunt only when hand brake operable with ground staff		x		08	F	Tank wagon loaded with liquid
Code	F or P	Description																
		T D L																
07	F	Shunt only when hand brake operable with ground staff																
	x																	
08	F	Tank wagon loaded with liquid																

				x	
09	F	Wagon loaded with people			
				x	
11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres			
				x	
12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres			
13	F	Bogie wagon with distance between wheels of more than 17,50 metres			
				x	
15	F	Wagon not allowed over the hump			
			x	x	x
16	F	Do not fly shunt or gravity shunt (3 red triangles)			
					x
	x	x			
18	F	Must not use active braking equipment			
			x		
25	F	Gas carrying tank wagon with orange side stripe			
					x
30	P (+F)	CCS fault (see CCS coding list)			
			x		
31	P (+F)	Braking system fault			
				x	
32	P (+F)	Wheelset, bogie fault			
				x	
33	P (+F)	Headlighting or back lighting fault			
			x		
34	P (+F)	Front glass broken			
				x	
35	P (+F)	Horn fault			
					x

16	X F	X Do not fly shunt or gravity shunt (3 red triangles)	
18	X F	X Must not use active braking equipment	X
25	X F	Gas carrying tank wagon with orange side stripe	
30		P (+F) CCS fault (see CCS coding list)	
31	X P (+F)	Braking system fault	
32		X P (+F) Wheelset, bogie fault	
33		X P (+F) Headlighting or back lighting fault	
34	X P (+F)	Front glass broken	
35		X P (+F) Horn fault	
36		P (+F) Radio fault	X
37		P (+F) Energy supply fault	X
38		X P (+F) Traction or motor fault	
39		X P Access door fault	
41		X F Place this wagon at the front of the train	

42	X F	X	X	Place this wagon at the rear of the train
50	X P (+F)	X	X	Speed restriction
52	X P (+F)	X	X	Diesel locomotive instead of electric locomotive
61	X F	X	(X) F	Wagon forming part of a consignment of several wagons
62	X F	X		Wagon forming part of a group of wagons from which it must not be separated
63	X F (+P)	X		Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one
68	X F	X	X	First or last wagon of a wagon group from which it must not be separated
70	X F	X		Shunt with care (1 red triangle)
71	X F	X	X	Shunt with special care (2 red triangle)
90	X P	X	X	Train planned with passengers operated without passengers
91	X P	X		Train planned without passengers operated with passengers
92	X P	X		Train planned with hauled rolling stock and operated without any coaches (light engine)
94	X F	X	X	Gas carrying wagon without orange side stripe
99	X P	X		Other

</xs:documentation>

x x

</xs:annotation>
<xs:restriction base="xs:token">
<xs:enumeration value="07">

```

        <xs:annotation>
            <xs:documentation>F - Shunt only when hand brake operable with ground
staff</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="08">
        <xs:annotation>
            <xs:documentation>F - Tank wagon loaded with liquid</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="09">
        <xs:annotation>
            <xs:documentation>F - Wagon loaded with people</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="11">
        <xs:annotation>
            <xs:documentation>F - Wagon other than bogie wagon with wheelbase of more
than 9 metres</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="12">
        <xs:annotation>
            <xs:documentation>F - Bogie wagon with distance between wheels of more than
14 metres and up to and including a distance of 17,50 metres</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="13">
        <xs:annotation>
            <xs:documentation>F - Bogie wagon with distance between wheels of more than
17,50 metres</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="15">
        <xs:annotation>
            <xs:documentation>F - Wagon not allowed over the hump</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="16">
        <xs:annotation>
            <xs:documentation>F - Do not fly shunt or gravity shunt (3 red
triangles)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="18">
        <xs:annotation>
            <xs:documentation>F - Must not use active braking
equipment</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="25">
        <xs:annotation>
            <xs:documentation>F - Gas carrying tank wagon with orange side
stripe</xs:documentation>
        </xs:annotation>
    </xs:enumeration>

```

```

</xs:enumeration>
<xs:enumeration value="30">
  <xs:annotation>
    <xs:documentation>P (+F) - CCS fault (see CCS coding
list)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="31">
  <xs:annotation>
    <xs:documentation>P (+F) - Braking system fault</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="32">
  <xs:annotation>
    <xs:documentation>P (+F) - Wheelset, bogie fault</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="33">
  <xs:annotation>
    <xs:documentation>P (+F) - Headlighting or back lighting
fault</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="34">
  <xs:annotation>
    <xs:documentation>P (+F) - Front glass broken</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="35">
  <xs:annotation>
    <xs:documentation>P (+F) - Horn fault</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="36">
  <xs:annotation>
    <xs:documentation>P (+F) - Radio fault</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="37">
  <xs:annotation>
    <xs:documentation>P (+F) - Energy supply fault</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="38">
  <xs:annotation>
    <xs:documentation>P (+F) - Traction or motor fault</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="39">
  <xs:annotation>
    <xs:documentation>P - Access door fault</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="41">
  <xs:annotation>

```

```

        <xs:documentation>F - Place this wagon at the front of the
train</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="42">
    <xs:annotation>
        <xs:documentation>F - Place this wagon at the rear of the
train</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="50">
    <xs:annotation>
        <xs:documentation>P (+F) - Speed restriction</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="52">
    <xs:annotation>
        <xs:documentation>P (+F) - Diesel locomotive instead of electric
locomotive</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="61">
    <xs:annotation>
        <xs:documentation>F - Wagon forming part of a consignment of several
wagons</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="62">
    <xs:annotation>
        <xs:documentation>F - Wagon forming part of a group of wagons from which
it must not be separated</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="63">
    <xs:annotation>
        <xs:documentation>F (+P) - Special consignment or (for Passengers trains)
loading/cinematic gauge larger than the planned one</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="68">
    <xs:annotation>
        <xs:documentation>F - First or last wagon of a wagon group from which it
must not be separated</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="70">
    <xs:annotation>
        <xs:documentation>F - Shunt with care (1 red triangle)</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="71">
    <xs:annotation>
        <xs:documentation>F - Shunt with special care (2 red
triangle)</xs:documentation>
    </xs:annotation>

```

	<pre> </xs:enumeration> <xs:enumeration value="90"> <xs:annotation> <xs:documentation>P - Train planned with passengers operated without passengers</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="91"> <xs:annotation> <xs:documentation>P - Train planned without passengers operated with passengers</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="92"> <xs:annotation> <xs:documentation>P - Train planned with hauled rolling stock and operated without any coaches (light engine)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="94"> <xs:annotation> <xs:documentation>F - Gas carrying wagon without orange side stripe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="99"> <xs:annotation> <xs:documentation>P - Other</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>

simpleType **RunningSpeed**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	Numeric0-3		
properties	base	Numeric0-3	
used by	element	GNSS DynamicPosition/CurrentSpeed	
facets	Kind	Value	Annotation
	minInclusive	-999	
	maxInclusive	999	
annotation	documentation Operational Speed shown in Km/h. Zero (stopped train), decimal and negative values (indicating movement opposite to the planned path e.g. shunting) are allowed. Range: -999..+999.		
source	<pre> <xs:simpleType name="RunningSpeed"> <xs:annotation> <xs:documentation> Operational Speed shown in Km/h. Zero (stopped train), decimal and negative values (indicating movement opposite to the planned path e.g. shunting) are allowed. Range: -999..+999. </xs:documentation> </pre>		

	<pre> </xs:annotation> <xs:restriction base="Numeric0-3"/> </xs:simpleType> </pre>

simpleType **RunningStatus**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	base xs:token		
used by	elements TrainLocationStatus WagonLocationStatus		
facets	Kind	Value	Annotation
	enumeration	00	documentation Not specified
	enumeration	01	documentation Arrival at destination
	enumeration	02	documentation Departure at origin
	enumeration	03	documentation Intermediate arrival
	enumeration	04	documentation Intermediate departure
	enumeration	05	documentation Pass through
	enumeration	06	documentation NEW CODES: Some IMs are transmitting these codes (6 - 9)
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	10	documentation Not specified for wagon
	enumeration	11	documentation Wagon arrival at its destination by train
	enumeration	12	documentation Wagon departure from its station of origin by train
	enumeration	13	documentation Wagon arrival at reporting point by train
	enumeration	14	documentation Wagon departure from reporting point by train (HLR)
	enumeration	15	documentation Wagon run-through at reporting point by train
	enumeration	16	documentation Wagon parked at reporting point (MAD)
	enumeration	17	documentation Wagon shunted at reporting point
	enumeration	18	documentation Wagon arrived at reporting point
	enumeration	19	documentation Wagon departure from reporting point
annotation	documentation Identifies the status of a train related to the actual time at the reporting point.		

source

```
<xs:simpleType name="RunningStatus">
  <xs:annotation>
    <xs:documentation>Identifies the status of a train related to the actual time
at the reporting point.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:token">
    <xs:enumeration value="00">
      <xs:annotation>
        <xs:documentation>Not specified</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="01">
      <xs:annotation>
        <xs:documentation>Arrival at destination</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="02">
      <xs:annotation>
        <xs:documentation>Departure at origin</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="03">
      <xs:annotation>
        <xs:documentation>Intermediate arrival</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="04">
      <xs:annotation>
        <xs:documentation>Intermediate departure</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="05">
      <xs:annotation>
        <xs:documentation>Pass through</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="06">
      <xs:annotation>
        <xs:documentation>NEW CODES: Some IMs are transmitting these codes (6 -
9)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="07">
      <xs:annotation>
        <xs:documentation/>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="08">
      <xs:annotation>
        <xs:documentation/>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="09">
      <xs:annotation>
```

	<pre> <xs:documentation/> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Not specified for wagon</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Wagon arrival at its destination by train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Wagon departure from its station of origin by train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Wagon arrival at reporting point by train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>Wagon departure from reporting point by train (HLR)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>Wagon run-through at reporting point by train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>Wagon parked at reporting point (MAD)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>Wagon shunted at reporting point</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>Wagon arrived at reporting point</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="19"> </pre>

	<pre> <xs:annotation> <xs:documentation>Wagon departure from reporting point</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>

simpleType **Speed**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	Numeric3-3		
properties	base	Numeric3-3	
used by	elements	HighestPlannedSpeed PlannedSpeed TrainMaxSpeed	
facets	Kind	Value	Annotation
	minInclusive	001	
	maxInclusive	999	
annotation	documentation Shown in Km/h		
source	<pre> <xs:simpleType name="Speed"> <xs:annotation> <xs:documentation>Shown in Km/h</xs:documentation> </xs:annotation> <xs:restriction base="Numeric3-3"/> </xs:simpleType> </pre>		

simpleType **String1-10**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base	xs:string	
used by	elements	LocationSubsidiaryCode SubsidiaryLocationCode TrafficScheduleNumber	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	10	
source	<pre> <xs:simpleType name="String1-10"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="10" fixed="false"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **String1-14**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		

type	restriction of xs:string									
properties	base xs:string									
used by	element CustomerCode/PrimaryCode									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>14</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	14	
Kind	Value	Annotation								
minLength	1									
maxLength	14									
source	<pre><xs:simpleType name="String1-14"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="14"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **String1-24**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	elements	ConsigneeClientName ConsignorClientName ForwardingApprovalNumber	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	24	
source	<pre><xs:simpleType name="String1-24"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **String1-4**

simpleType String1-4											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5										
type	restriction of xs:string										
properties	base xs:string										
used by	elements ClassificationCode SpecialProvisions										
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></tbody></table>		Kind	Value	Annotation	minLength	1		maxLength	4	
Kind	Value	Annotation									
minLength	1										
maxLength	4										
source	<pre><xs:simpleType name="String1-4"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType></pre>										

	<code></xs:simpleType></code>

simpleType **String1-5**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	element DelayMinutes		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	5	
source	<pre><xs:simpleType name="String1-5"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **String1-7**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	element CustomerCode/AdditionalCode		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	7	
source	<pre><xs:simpleType name="String1-7"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="7"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **String1-8**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base	xs:string	
used by	elements	AssociatedAttachedOTN AssociatedAttachedTrainServiceNumber OperationalTrainNumber	
facets	Kind	Value	Annotation

	minLength 1 maxLength 8
source	<pre><xs:simpleType name="String1-8"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType></pre>

simpleType **String4-4**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	element	Hitch/DateLastInspection	
	simpleType	CompanyCode	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
source	<pre><xs:simpleType name="String4-4"> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **String5-5**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	minLength	5	
	maxLength	5	
source	<pre><xs:simpleType name="String5-5"> <xs:restriction base="xs:string"> <xs:minLength value="5"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **String5-8**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		

type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	minLength	5	
	maxLength	8	
source	<pre><xs:simpleType name="String5-8"> <xs:restriction base="xs:string"> <xs:minLength value="5"/> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **TCRValidationStatusType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	base xs:token		
used by	attribute ValidationEntryType/@status		
facets	Kind	Value	Annotation
	enumeration	PASSED	
	enumeration	INFO	
	enumeration	WARNING	
	enumeration	FAILED	
	enumeration	SKIPPED	
source	<pre><xs:simpleType name="TCRValidationStatusType"> <xs:restriction base="xs:token"> <xs:enumeration value="PASSED"/> <xs:enumeration value="INFO"/> <xs:enumeration value="WARNING"/> <xs:enumeration value="FAILED"/> <xs:enumeration value="SKIPPED"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **Time**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:time
properties	base xs:time
annotation	documentation Time expressed in HH:MM:SS
source	<pre><xs:simpleType name="Time"> <xs:annotation> <xs:documentation>Time expressed in HH:MM:SS</xs:documentation> </xs:annotation> </xs:simpleType></pre>

	<pre> </xs:annotation> <xs:restriction base="xs:time"/> </xs:simpleType> </pre>

simpleType **TrainCC_SystemCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	base xs:token		
used by	element TrainCC_System		
facets	Kind	Value	Annotation
	enumeration	01	documentation ALSN
	enumeration	02	documentation ASFA
	enumeration	03	documentation ATB First generation
	enumeration	04	documentation ATB next generation
	enumeration	05	documentation ATC
	enumeration	06	documentation ATP
	enumeration	07	documentation CIR 1 (traction unit is equipped with LZB CIR-ELKE I)
	enumeration	08	documentation CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II)
	enumeration	09	documentation CIR 2 (traction unit is equipped with LZB CIR-ELKE II)
	enumeration	10	documentation Crocodile
	enumeration	11	documentation DAAT
	enumeration	12	documentation EBICAB 700
	enumeration	13	documentation EBICAB 900
	enumeration	14	documentation EFA (all traction units/driver's cabs of the train are equipped with an electronic driver's cab display)
	enumeration	15	documentation ETCS L1 LS plus EuroZUB
	enumeration	16	documentation ETCS L1 SRS 2.3.0d (traction unit is equipped with ETCS Level 1, version 2.3.0d)
	enumeration	17	documentation ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2, version 2.3.0d)
	enumeration	18	documentation ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2, version 3.3.0)
	enumeration	19	documentation ETCS L2 SRS 3.4.0 (traction unit is equipped with ETCS Level 2, version 3.4.0)

	enumeration	20	documentation ETCS L2 SRS 3.6.0 (traction unit is equipped with ETCS Level 2, version 3.6.0)
	enumeration	21	documentation ETCS Level 0
	enumeration	22	documentation ETCS Level 1
	enumeration	23	documentation ETCS Level 2
	enumeration	24	documentation ETCS Level 3
	enumeration	25	documentation ETCS Level NTC
	enumeration	26	documentation EVM
	enumeration	27	documentation Indusi 54
	enumeration	28	documentation Indusi 60 R
	enumeration	29	documentation Indusi PZ 80
	enumeration	30	documentation KBS-E
	enumeration	31	documentation KCVB
	enumeration	32	documentation KCVP
	enumeration	33	documentation KVB
	enumeration	34	documentation KVBP
	enumeration	35	documentation LS
	enumeration	36	documentation LS 90
	enumeration	37	documentation LS I
	enumeration	38	documentation LS III
	enumeration	39	documentation LS IV
	enumeration	40	documentation LZB
	enumeration	41	documentation Mirel
	enumeration	42	documentation NEXTEO
	enumeration	43	documentation PZB
	enumeration	44	documentation PZB 90
	enumeration	45	documentation SCMT
	enumeration	46	documentation SHP

	enumeration	47	documentation SIFA
	enumeration	48	documentation STM ASFA
	enumeration	49	documentation STM LZB
	enumeration	50	documentation TBL 1
	enumeration	51	documentation TBL 2
	enumeration	52	documentation TVM 300
	enumeration	53	documentation TVM 430
	enumeration	54	documentation ZUB
	enumeration	55	documentation ATB
	enumeration	56	documentation ATC v2
	enumeration	57	documentation ATC vR
	enumeration	58	documentation ATP-VR/RHK
	enumeration	59	documentation BACC
	enumeration	60	documentation CAWS and ATP
	enumeration	61	documentation CAWS
	enumeration	62	documentation Chiltern-ATP
	enumeration	63	documentation EDICAB
	enumeration	64	documentation EBICAB 700 BU
	enumeration	65	documentation EBICAB 700 PT
	enumeration	66	documentation EBICAB 900 ES
	enumeration	67	documentation EuroSIGNUM
	enumeration	68	documentation EuroZUB
	enumeration	69	documentation GNT (Speed monitoring for NeiTech trains)
	enumeration	70	documentation GW ATP
	enumeration	71	documentation INDUSI
	enumeration	72	documentation INDUSI/PZB
	enumeration	73	documentation INDUSI I60

	enumeration 74 documentation LZB (LZB L72, LZB L72 CE I and LZB L72 CE II) enumeration 75 documentation LZB ES enumeration 76 documentation Mechanical Trainstops enumeration 77 documentation MEMOR II+ enumeration 78 documentation PKP radio system with Radiostop function enumeration 79 documentation RETB enumeration 80 documentation RSDD/SCMT enumeration 81 documentation SELCAB enumeration 82 documentation SSC enumeration 83 documentation SSC BL3 enumeration 84 documentation TBL enumeration 85 documentation TBL1+ enumeration 86 documentation TPWS/AWS enumeration 87 documentation TVM enumeration 88 documentation ZUB 123 enumeration 89 documentation ZUB 121
annotation	documentation Type of Train Control System. Identifies the command control system of the train in coded values based on IRS 90920-13.
source	<pre> <xs:simpleType name="TrainCC_SystemCode"> <xs:annotation> <xs:documentation> Type of Train Control System. Identifies the command control system of the train in coded values based on IRS 90920-13. </xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>ALSN</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>ASFA</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>

```

    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="03">
    <xs:annotation>
      <xs:documentation>ATB First generation</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="04">
    <xs:annotation>
      <xs:documentation>ATB next generation</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="05">
    <xs:annotation>
      <xs:documentation>ATC</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="06">
    <xs:annotation>
      <xs:documentation>ATP</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="07">
    <xs:annotation>
      <xs:documentation>CIR 1 (traction unit is equipped with LZB CIR-ELKE
I)</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
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simpleType **TypeOfIMHarmonizationCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	element	TypeOfIMHarmonization	
facets	Kind	Value	Annotation
	enumeration	Full	
	enumeration	Part	
annotation	documentation Enumeration of Type of IM harmonization: Full, Part		
source	<pre><xs:simpleType name="TypeOfIMHarmonizationCode"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Full"/> <xs:enumeration value="Part"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **TypeOfInformationCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	base xs:integer		
used by	element TypeOfInformation		
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	99	
	enumeration	1	documentation harmonisation - in process

	enumeration	2	documentation harmonisation - accepted
	enumeration	3	documentation harmonisation - rejected
	enumeration	4	documentation Request ready
	enumeration	5	documentation path study request
	enumeration	6	documentation pre-arranged path/reserve capacity
	enumeration	7	documentation create offer
	enumeration	8	documentation coordination update
	enumeration	9	documentation draft offer
	enumeration	10	documentation draft alternative offer
	enumeration	11	documentation observation - in process
	enumeration	12	documentation observation - complete
	enumeration	13	documentation preparation of final offer - in process
	enumeration	14	documentation preparation of final offer - accepted
	enumeration	15	documentation preparation of final offer - rejected
	enumeration	16	documentation final offer
	enumeration	17	documentation final offer - accepted
	enumeration	18	documentation alternative offer accepted
	enumeration	19	documentation pre-accepted offer
	enumeration	20	documentation Final Offer rejected
	enumeration	21	documentation no alternative available
	enumeration	22	documentation booked
	enumeration	23	documentation preparation of draft alternative offer is in progress
	enumeration	24	documentation alternative offer triggered by IM
	enumeration	25	documentation offer/final offer rejected (without revision)
	enumeration	26	documentation alternative offer rejected (without revision)
	enumeration	27	documentation offer/final offer rejected (revision required)
	enumeration	28	documentation alternative offer rejected (revision required)

	enumeration 29	documentation withdrawal
	enumeration 30	documentation Create Dossier
	enumeration 31	documentation Close Dossier
	enumeration 32	documentation Path canceled full
	enumeration 33	documentation Path canceled partial
	enumeration 40	documentation Fully Assembled Path (FAP, constructed path)
	enumeration 42	documentation Preparation of draft offer – accepted
	enumeration 43	documentation Preparation of draft offer – rejected
	enumeration 44	documentation Draft offer rejected
	enumeration 45	documentation Draft no alternative available
	enumeration 50	documentation activate path (utilisation notification)
	enumeration 51	documentation deactivate path (utilisation notification)
	enumeration 52	documentation confirmation of utilisation notification
	enumeration 53	documentation Path and train cancelled
	enumeration 54	documentation Pre-booking in progress
	enumeration 55	documentation Preparation of alternative offer in progress (optimization)
	enumeration 56	documentation Alternative offer triggered by IM (optimization)
	enumeration 65	documentation Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage)
	enumeration 66	documentation Booked after route update (used in PathDetailsMessage)
annotation	documentation	Enumeration indicating to which process step / process type in the planning does the message belong
source	<pre> <xs:simpleType name="TypeOfInformationCode"> <xs:annotation> <xs:documentation>Enumeration indicating to which process step / process type in the planning does the message belong</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:maxInclusive value="99"/> <xs:minInclusive value="0"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>harmonisation - in process</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>	

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simpleType **TypeOfLoadUnitType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	base xs:token		
used by	elements	ILU Type IntermodalTransportDataType/TypeOfLoadUnit	
	attribute	ILUDataMessage/QueryResponse/ILUData/@TypeOfLoadUnit	
facets	Kind	Value	Annotation
	enumeration	00	documentation unknown
	enumeration	01	documentation Container
	enumeration	02	documentation swap bodies
	enumeration	03	documentation semitrailers
	enumeration	04	documentation truck
annotation	documentation		

	00=unknown, 01=Container, 02=swap bodies, 03=semitrailers, 04=truck
source	<pre> <xs:simpleType name="TypeOfLoadUnitType"> <xs:annotation> <xs:documentation>00=unknown, 01=Container, 02=swap bodies, 03=semitrailers, 04=truck</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="00"> <xs:annotation> <xs:documentation>unknown</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>swap bodies</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>semitrailers</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>truck</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>

simpleType **TypeOfRequestCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:short		
properties	base xs:short		
used by	element TypeOfRequest		
facets	Kind	Value	Annotation
	minInclusive	1	
	enumeration	1	documentation Study
	enumeration	2	documentation Request
	enumeration	3	documentation Modification
annotation	documentation		

	Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)
source	<pre> <xs:simpleType name="TypeOfRequestCode"> <xs:annotation> <xs:documentation>Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)</xs:documentation> </xs:annotation> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Study</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Request</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Modification</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>

simpleType **TypeOfRUHarmonizationCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	element TypeOfRUHarmonization		
facets	Kind	Value	Annotation
	enumeration	Full	
	enumeration	Part	
	enumeration	None	
annotation	documentation Type of RU harmonization: Full, Part, None.		
source	<pre><xs:simpleType name="TypeOfRUHarmonizationCode"> <xs:annotation> <xs:documentation>Type of RU harmonization: Full, Part, None.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Full"/> <xs:enumeration value="Part"/> <xs:enumeration value="None"/> </xs:restriction> </xs:simpleType></pre>		

	</xs:simpleType>

simpleType UnitType

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
	enumeration	1	documentation Container
	enumeration	2	documentation Other intermodal traffic
	enumeration	4	documentation Rolling road (RR)
	enumeration	6	documentation Semi-trailer on bogies
	enumeration	10	documentation Container less than 20'
	enumeration	11	documentation Container 20'
	enumeration	12	documentation Container 30'
	enumeration	13	documentation Container 40'
	enumeration	40	documentation Semi-trailer truck/articulated lorry
	enumeration	41	documentation Road tractor
	enumeration	42	documentation Lorry without trailer
	enumeration	43	documentation Lorry with trailer
	enumeration	50	documentation Semi-trailer/road semi-trailer
	enumeration	51	documentation Swap bodies
annotation	documentation Indicates the type of a Transportation unit.		
source	<pre><xs:simpleType name="UnitType"> <xs:annotation> <xs:documentation>Indicates the type of a Transportation unit.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation></pre>		

```

        <xs:documentation>Other intermodal traffic</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
      <xs:annotation>
        <xs:documentation>Rolling road (RR)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6">
      <xs:annotation>
        <xs:documentation>Semi-trailer on bogies</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
      <xs:annotation>
        <xs:documentation>Container less than 20'</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="11">
      <xs:annotation>
        <xs:documentation>Container 20'</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="12">
      <xs:annotation>
        <xs:documentation>Container 30'</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="13">
      <xs:annotation>
        <xs:documentation>Container 40'</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="40">
      <xs:annotation>
        <xs:documentation>Semi-trailer truck/articulated
lorry</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="41">
      <xs:annotation>
        <xs:documentation>Road tractor</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="42">
      <xs:annotation>
        <xs:documentation>Lorry without trailer</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="43">
      <xs:annotation>
        <xs:documentation>Lorry with trailer</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="50">

```

	<pre> <xs:annotation> <xs:documentation>Semi-trailer/road semi-trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="51"> <xs:annotation> <xs:documentation>Swap bodies</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>

simpleType **VolumeValue**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:float
properties	base xs:float
used by	elements DangerousGoodsVolume DanGoodsType/DangerousGoodsVolume RID/DangerousGoodsVolumeCubicMeters Volume
annotation	documentation Volume value of the load units by cbm
source	<pre> <xs:simpleType name="VolumeValue"> <xs:annotation> <xs:documentation>Volume value of the load units by cbm</xs:documentation> </xs:annotation> <xs:restriction base="xs:float"/> </xs:simpleType> </pre>

simpleType **VolumeValueLiter**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	base xs:integer		
used by	element RID/DangerousGoodsVolumeLiters		
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	999999	
annotation	documentation Volume value of the load units by liters		
source	<pre><xs:simpleType name="VolumeValueLiter"> <xs:annotation> <xs:documentation>Volume value of the load units by liters</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType></pre>		

	</xs:simpleType>

simpleType **WagonIdent**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base	xs:string	
used by	elements	RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight WagonNumberFreight ConsignmentOrderMessage/COMS/COM/WagonPreviousNumberFreight	
facets	Kind	Value	Annotation
	maxLength	12	
	pattern	[0-9]{12}	
annotation	documentation Identification code of a freight wagon based on the TSI OPE and CEN Recommendations and CIS wagons coded according to OSJD-UIC leaflet 402, which allows the conversion from 8 digits to 12 digits and viceversa.		
source	<pre><xs:simpleType name="WagonIdent"> <xs:annotation> <xs:documentation>Identification code of a freight wagon based on the TSI OPE and CEN Recommendations and CIS wagons coded according to OSJD-UIC leaflet 402, which allows the conversion from 8 digits to 12 digits and viceversa.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="12"/> <xs:pattern value="[0-9]{12}"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **WeekType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	base	xs:integer	
used by	elements	RoughDurationType/EndWeek RoughDurationType/StartWeek	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	52	
source	<pre><xs:simpleType name="WeekType"> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="52"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **WeightValueKilo**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements	DangerousGoodsWeight GrossWeight MaxGrossWeight ILUDataMessage/QueryResponse/ILUData/Weights/Tare ILU_Details/TareWeight ITU_Details/TareWeight RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle TotalLoadWeight TotalWagonWeight TotalWeight LoadingTackles/TotalWeightLoadingTackles WagonWeightEmpty ILUDataMessage/QueryResponse/ILUData/Weights/Weight RID/WeightNettoExplosiveMass WeightOf_NHM WeightOfAdditionalEquipment WeightOfNetExplosiveMass WeightOfNHM	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	999999	
	whiteSpace	collapse	
annotation	documentation In Kilograms		
source	<pre><xs:simpleType name="WeightValueKilo"> <xs:annotation> <xs:documentation>In Kilograms</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:whiteSpace value="collapse"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **WeightValueTonne**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:int		
properties	base xs:int		
used by	elements	TractionWeight TrainWeight WeightOfSetOfCarriages	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
annotation	documentation In Tonnes		
source	<pre><xs:simpleType name="WeightValueTonne"> <xs:annotation> <xs:documentation>In Tonnes</xs:documentation> </xs:annotation> <xs:restriction base="xs:int"></pre>		

	<pre> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </pre>

attribute **CI_InstanceNumber**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	Numeric2-2		
used by	elements	Recipient Sender	
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
annotation	documentation Number of a Common Interface Instance for the same Company		
source	<pre><xs:attribute name="CI_InstanceNumber" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of a Common Interface Instance for the same Company</xs:documentation> </xs:annotation> </xs:attribute></pre>		

attribute **ExpansionType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
used by	complexType TemporalExpansionType		
facets	Kind	Value	Annotation
	enumeration	PERIODICAL	
	enumeration	CONTINUOUS	
annotation	documentation Temporal Expansion type of the TCR. Value : PERIODICAL CONTINUOUS		
source	<pre><xs:attribute name="ExpansionType"> <xs:annotation> <xs:documentation>Temporal Expansion type of the TCR. Value : PERIODICAL CONTINUOUS </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="PERIODICAL"/> <xs:enumeration value="CONTINUOUS"/> </xs:restriction> </xs:simpleType> </xs:attribute></pre>		

	<pre></xs:simpleType> </xs:attribute></pre>

attribute **LocationSubsidiaryTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
used by	element LocationSubsidiaryCode		
facets	Kind	Value	Annotation
	enumeration	0	documentation Not Defined documentation not used
	enumeration	1	documentation Track documentation The track is a uniquely defined part of location
	enumeration	3	documentation Border Point Code documentation Special code for the Border Points are allocated at the country border and the points between different IM networks. Location of these points sometimes are not geographically same with the station or yard. Therefore these points are "logical point"
	enumeration	4	documentation Sorting Code documentation Destination station of the wagon has a code in order to provide shunting technology.
	enumeration	5	documentation Vehicle Parking Points documentation All points (tracks)
	enumeration	6	documentation Public Loading Places documentation Is a type of physical location on the open access network where consignor or consignee can load or unload wagons
	enumeration	7	documentation Private Loading Places documentation Is a type of physical location outside the open access network where consignor or consignee can load or unload wagons
	enumeration	9	documentation Depot / Maintenance workshop. Place for overhaul or maintenance of the rolling stock.
	enumeration	10	documentation Switch/turnout documentation The location where two tracks meet or diverge.
	enumeration	15	documentation

		Platform documentation The area next to the track which has been raised to make access to railway vehicles easier.
enumeration	21	documentation Building documentation Those buildings where IM placed his staff for direct communication with RU staff or the IM buildings serve RU activities as well.
enumeration	22	documentation Level crossing documentation Place where rail and road crossing in level. on the same level (grade)
enumeration	23	documentation Bridge documentation Special built structure is over the road
enumeration	24	documentation Tunnel documentation Structure to to allow a railway line to pass under the surface.
enumeration	25	documentation Underpass documentation Undercrossing or underground passage under the railway track. (Not used by trains)
enumeration	27	documentation Signal documentation A signal is a mechanical or electrical device erected beside a railway line to pass information relating to the state of the line ahead to train drivers/engineers.
enumeration	28	documentation Sign and board documentation Equipment to inform the board staff for train traffic and shunting.
enumeration	29	documentation Phase break documentation Border of the power supply systems (catenary).
enumeration	33	documentation Hot spot detector documentation Trackside equipment which detects hot wheels or axle-box on passing trains.
enumeration	36	documentation Freight yard documentation A freight yard is commercial usage of a physical location which can be used as a sending or a destination station in freight orders of rail freight transports. The freight yard can have his own codification
enumeration	37	documentation Loading point documentation A loading point is a commercial usage of a physical location. Each loading point is assigned to a yard.

	enumeration	39	documentation Reservation code
	enumeration	40	documentation Metastation documentation To mark a meta location that forms the link between different stations that are considered as equal (for the traveller)
	enumeration	41	documentation CompanySpecificIdentifier documentation Company specific identifier of the primary location
	enumeration	42	documentation DIUM stations - Places of acceptance/delivery Station open into international traffic of goods (tariff point included in DIUM) – consignment acceptance/delivery station (loading points are excluded and covered by TypeCode 37).
	enumeration	43	documentation Passengers cars public loading Is a type of physical location on the open access network where passengers can put their car on a carrying train
	enumeration	45	documentation Sewage dump Place for cleaning purposes - disposal of the waste
	enumeration	46	documentation Refuelling Point Location where refuelling takes place
	enumeration	47	documentation Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating
	enumeration	48	documentation Water Supply Location where water supply can be provided for the rolling stock
	enumeration	50	documentation Indoor cleaning platform Cleaning point - interior
	enumeration	51	documentation Car-wash plant Cleaning point - outdoor
	enumeration	52	documentation Short dry-cleaning track Cleaning point
	enumeration	54	documentation Sand-filling station Location where sand is filled
	enumeration	56	documentation Signal box The location of a building containing signalling equipment
	enumeration	57	documentation Intermodal Terminal documentation Intermodal Terminal is a location which provides the space, equipment and operational environment under which the transfer of loading units (freight containers, swap bodies, semi-trailers or trailers) takes place
	enumeration	58	documentation OSJD system based location documentation Location code used within OSJD
	enumeration	59	documentation Train Service Substitute Stop documentation Place outside of railway station or railway stop, where passengers board or leave bus or any other transport mean as substitution of train service. Physical part of

	enumeration	60	Primary Location. documentation Multifunctional rail terminal documentation Facilities for conventional and/or intermodal rail/road transshipment principally open for public use and for all types of cargo. This kind of facility does not only provide transshipment, but also additional services like storage, consignment or road pre/end haulage. Physical part of Primary Location.
	enumeration	61	documentation Relief facility documentation Facilities providing equipment and infrastructure used to overcome a disruption (derailment, collision or other accidents). Physical part of Primary Location.
	enumeration	66	documentation Location ENEE Code documentation Legacy ENEE code of the parent primary location. Different coding of primary location.
	enumeration	70	documentation Network Border documentation Network border between two neighboring IM's; first or last Primary Location on a network. Attribute of primary location.
	enumeration	71	documentation State border documentation Political border between two member states. Attribute of primary location.
	enumeration	72	documentation Administrative border documentation Border point inside a member state to define federal structures or administrative districts or local areas. Attribute of primary location.
	enumeration	74	documentation Operational handover documentation Location where the responsibility for operation changes or can change between two involved IMs. Attribute of primary location.
	enumeration	75	documentation Planning handover documentation Location where the responsibility for timetable planning and path allocation changes or can change between two involved IMs. Attribute of primary location.
	enumeration	76	documentation Other technical facility documentation All technical installations and services that are not included in other facility types. E.g. Pre heating, de icing, air conditioning, Washing/cleaning of rolling stock, Disinfection of rolling stock, Sewage removal and Stationary brake test facilities. Physical part of Primary Location.
	enumeration	99	documentation Relation to Station documentation An indicator used to show that this location is a subsidiary of another location.

source	<pre> <xs:attribute name="LocationSubsidiaryTypeCode"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Not Defined</xs:documentation> <xs:documentation>not used</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Track</xs:documentation> <xs:documentation>The track is a uniquely defined part of location</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Border Point Code</xs:documentation> <xs:documentation>Special code for the Border Points are allocated at the country border and the points between different IM networks. Location of these points sometimes are not geographically same with the station or yard. Therefore these points are "logical point"</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Sorting Code</xs:documentation> <xs:documentation>Destination station of the wagon has a code in order to provide shunting technology.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Vehicle Parking Points</xs:documentation> <xs:documentation>All points (tracks)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>Public Loading Places</xs:documentation> <xs:documentation>Is a type of physical location on the open access network where consignor or consignee can load or unload wagons</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>Private Loading Places</xs:documentation> <xs:documentation>Is a type of physical location outside the open access network where consignor or consignee can load or unload wagons</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>


```

</xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>Depot / Maintenance workshop. Place for overhaul or
maintenance of the rolling stock. </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>Switch/turnout</xs:documentation>
    <xs:documentation>The location where two tracks meet or
diverge.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>Platform</xs:documentation>
    <xs:documentation>The area next to the track which has been raised to make
access to railway vehicles easier.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="21">
  <xs:annotation>
    <xs:documentation>Building</xs:documentation>
    <xs:documentation>Those buildings where IM placed his staff for direct
communication with RU staff or the IM buildings serve RU activities as
well.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="22">
  <xs:annotation>
    <xs:documentation>Level crossing</xs:documentation>
    <xs:documentation>Place where rail and road crossing in level. on the same
level (grade)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="23">
  <xs:annotation>
    <xs:documentation>Bridge</xs:documentation>
    <xs:documentation>Special built structure is over the
road</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Tunnel</xs:documentation>
    <xs:documentation>Structure to to allow a railway line to pass under the
surface.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
  <xs:annotation>
    <xs:documentation>Underpass</xs:documentation>
    <xs:documentation>Undercrossing or underground passage under the railway
track. (Not used by trains)</xs:documentation>

```

```

</xs:annotation>
</xs:enumeration>
<xs:enumeration value="27">
  <xs:annotation>
    <xs:documentation>Signal</xs:documentation>
    <xs:documentation>A signal is a mechanical or electrical device erected
beside a railway line to pass information relating to the state of the line ahead
to train drivers/engineers.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="28">
  <xs:annotation>
    <xs:documentation>Sign and board</xs:documentation>
    <xs:documentation>Equipment to inform the board staff for train traffic
and shunting.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="29">
  <xs:annotation>
    <xs:documentation>Phase break</xs:documentation>
    <xs:documentation>Border of the power supply systems
(catenary).</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="33">
  <xs:annotation>
    <xs:documentation>Hot spot detector</xs:documentation>
    <xs:documentation>Trackside equipment which detects hot wheels or
axle-box on passing trains.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="36">
  <xs:annotation>
    <xs:documentation>Freight yard</xs:documentation>
    <xs:documentation>A freight yard is commercial usage of a physical
location which can be used as a sending or a destination station in freight orders
of rail freight transports. The freight yard can have his own
codification</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="37">
  <xs:annotation>
    <xs:documentation>Loading point</xs:documentation>
    <xs:documentation>A loading point is a commercial usage of a physical
location. Each loading point is assigned to a yard.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="39">
  <xs:annotation>
    <xs:documentation>Reservation code</xs:documentation>
    <xs:documentation/>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="40">
  <xs:annotation>

```

	<pre> <xs:documentation>Metastation</xs:documentation> <xs:documentation>To mark a meta location that forms the link between different stations that are considered as equal (for the traveller)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="41"> <xs:annotation> <xs:documentation>CompanySpecificIdentifier</xs:documentation> <xs:documentation>Company specific identifier of the primary location</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="42"> <xs:annotation> <xs:documentation>DIUM stations - Places of acceptance/delivery Station open into international traffic of goods (tariff point included in DIUM) – consignment acceptance/delivery station (loading points are excluded and covered by TypeCode 37). </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="43"> <xs:annotation> <xs:documentation>Passengers cars public loading Is a type of physical location on the open access network where passengers can put their car on a carrying train </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="45"> <xs:annotation> <xs:documentation>Sewage dumpPlace for cleaning purposes - disposal of the waste</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="46"> <xs:annotation> <xs:documentation>Refuelling Point Location where refuelling takes place</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="47"> <xs:annotation> <xs:documentation>Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="48"> <xs:annotation> <xs:documentation>Water Supply Location where water supply can be provided for the rolling stock</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="50"> <xs:annotation> <xs:documentation>Indoor cleaning platformCleaning point - </pre>

```

interior</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="51">
    <xs:annotation>
        <xs:documentation>Car-wash plant    Cleaning point -
outdoor</xs:documentation>
        </xs:annotation>
</xs:enumeration>
<xs:enumeration value="52">
    <xs:annotation>
        <xs:documentation>Short dry-cleaning track Cleaning
point</xs:documentation>
        </xs:annotation>
</xs:enumeration>
<xs:enumeration value="54">
    <xs:annotation>
        <xs:documentation>Sand-filling station    Location where sand is
filled</xs:documentation>
        </xs:annotation>
</xs:enumeration>
<xs:enumeration value="56">
    <xs:annotation>
        <xs:documentation>Signal box The location of a building containing
signalling equipment</xs:documentation>
        </xs:annotation>
</xs:enumeration>
<xs:enumeration value="57">
    <xs:annotation>
        <xs:documentation>Intermodal Terminal</xs:documentation>
        <xs:documentation> Intermodal Terminal is a location which provides the
space, equipment and operational environment under which the transfer of loading
units (freight containers, swap bodies, semi-trailers or trailers) takes place
</xs:documentation>
        </xs:annotation>
</xs:enumeration>
<xs:enumeration value="58">
    <xs:annotation>
        <xs:documentation>OSJD system based location</xs:documentation>
        <xs:documentation>Location code used within OSJD</xs:documentation>
        </xs:annotation>
</xs:enumeration>
<xs:enumeration value="59">
    <xs:annotation>
        <xs:documentation>Train Service Substitute Stop</xs:documentation>
        <xs:documentation>Place outside of railway station or railway stop, where
passengers board or leave bus or any other transport mean as substitution of train
service. Physical part of Primary Location.</xs:documentation>
        </xs:annotation>
</xs:enumeration>
<xs:enumeration value="60">
    <xs:annotation>
        <xs:documentation>Multifunctional rail terminal</xs:documentation>
        <xs:documentation>Facilities for conventional and/or intermodal
rail/road transshipment principally open for public use and for all types of cargo.

```

This kind of facility does not only provide transshipment, but also additional services like storage, consignment or road pre/end haulage. Physical part of Primary Location.

Relief facility

Facilities providing equipment and infrastructure used to overcome a disruption (derailment, collision or other accidents). Physical part of Primary Location.

Location ENEE Code

Legacy ENEE code of the parent primary location. Different coding of primary location.

Network Border

Network border between two neighboring IM's; first or last Primary Location on a network. Attribute of primary location.

State border

Political border between two member states. Attribute of primary location.

Administrative border

Border point inside a member state to define federal structures or administrative districts or local areas. Attribute of primary location.

Operational handover

Location where the responsibility for operation changes or can change between two involved IMs. Attribute of primary location.

Planning handover

Location where the responsibility for timetable

	planning and path allocation changes or can change between two involved IMs. Attribute of primary location.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="76"> <xs:annotation> <xs:documentation>Other technical facility</xs:documentation> <xs:documentation>All technical installations and services that are not included in other facility types. E.g. Pre heating, de icing, air conditioning, Washing/cleaning of rolling stock, Disinfection of rolling stock, Sewage removal and Stationary brake test facilities. Physical part of Primary Location.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="99"> <xs:annotation> <xs:documentation>Relation to Station</xs:documentation> <xs:documentation>An indicator used to show that this location is a subsidiary of another location.</xs:documentation> </xs:annotation> </xs:enumeration> <!--xs:enumeration value="2"> <xs:annotation> <xs:documentation>Private Siding</xs:documentation> <xs:documentation>Tracks are not for open access</xs:documentation> </xs:annotation> </xs:enumeration--> <!--xs:enumeration value="8"> <xs:annotation> <xs:documentation>IM Path Tariff Point</xs:documentation> <xs:documentation>Price Segment change between two IM Networks.</xs:documentation> </xs:annotation> </xs:enumeration--> <!--xs:enumeration value="11"> <xs:annotation> <xs:documentation>Grade Crossing</xs:documentation> <xs:documentation>The location where two tracks on the same level cross each other.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Section of the track</xs:documentation> <xs:documentation>Section is inside of the location considered part of a track.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation>

	<pre> <xs:documentation>Twin track point</xs:documentation> <xs:documentation>The spot where is end or start of the twinned track section.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>Retarder (rail brake)</xs:documentation> <xs:documentation>Trackside equipment to control the speed of the wagons running from the shunting hump.</xs:documentation> </xs:annotation> </xs:enumeration--> <!--xs:enumeration value="16"> <xs:annotation> <xs:documentation>Railing</xs:documentation> <xs:documentation>barrier Safety equipment used to prevent access to the track by people and animals.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>Movable scotch block</xs:documentation> <xs:documentation>Safety equipment across the track avoiding any unnecessary moving beyond that point.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>Derailing stop / Trap points / Catch points</xs:documentation> <xs:documentation>Safety equipment is on one rail avoiding any unnecessary moving beyond that point.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="19"> <xs:annotation> <xs:documentation>Loading equipment</xs:documentation> <xs:documentation>Special equipment to facilitate the loading and unloading on the Public Loading Places.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="20"> <xs:annotation> <xs:documentation>Weighbridge</xs:documentation> <xs:documentation>Special equipment is to facilitate the measure of the weight of the wagon.</xs:documentation> </xs:annotation> </pre>

	<pre> </xs:enumeration--> <!--xs:enumeration value="26"> <xs:annotation> <xs:documentation>Block section</xs:documentation> <xs:documentation>Block section outside of the location with primary code. In other words: a section on the open track between stations defined by signalling system.</xs:documentation> </xs:annotation> </xs:enumeration--> <!--xs:enumeration value="30"> <xs:annotation> <xs:documentation>Leap in kilometer</xs:documentation> <xs:documentation>The section has deviation in length i. e. the section more or less than called.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="32"> <xs:annotation> <xs:documentation>Balise</xs:documentation> <xs:documentation>A balise is an electronic beacon or transponder placed between the rails of a railway as part of an Automatic Train Protection (ATP) system.</xs:documentation> </xs:annotation> </xs:enumeration--> <!--xs:enumeration value="34"> <xs:annotation> <xs:documentation>Flat wheel detector</xs:documentation> <xs:documentation>Trackside equipment which detects flat spots on wheels on passing trains.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="35"> <xs:annotation> <xs:documentation>Dynamic wheel load</xs:documentation> <xs:documentation>detector Special equipment is in trackside for inspect of the overloaded wagons.</xs:documentation> </xs:annotation> </xs:enumeration--> <!--xs:enumeration value="38"> <xs:annotation> <xs:documentation>IM Network link</xs:documentation> <xs:documentation>It allows to link two locations from different IM Networks</xs:documentation> </xs:annotation> </xs:enumeration--> <!--xs:enumeration value="44"> <xs:annotation> <xs:documentation> Passengers cars private loading Is a type of physical </pre>

	location outside the open access network where passengers can put their car on a carrying train <pre> </xs:documentation> </xs:annotation> </xs:enumeration--> <!--xs:enumeration value="49"> <xs:annotation> <xs:documentation> Compressed plant Train on a track with motion stabled with external air supply for braking systems </xs:documentation> </xs:annotation> </xs:enumeration--> <!--xs:enumeration value="53"> <xs:annotation> <xs:documentation> Pollution protective plateTrack where floor that avoids pollution of the earth below </xs:documentation> </xs:annotation> </xs:enumeration--> <!--xs:enumeration value="55"> <xs:annotation> <xs:documentation>Repair track Location where a train/wagon/engine can be repaired</xs:documentation> </xs:annotation> </xs:enumeration--> <!--xs:enumeration value="90"> <xs:annotation> <xs:documentation>Test Loc</xs:documentation> <xs:documentation/> </xs:annotation> </xs:enumeration--> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>

attribute **TCRTimeQualifier**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
used by	element	TCRTimeAtLocation	
facets	Kind	Value	Annotation
	enumeration	START_LOCATION	
	enumeration	END_LOCATION	
	enumeration	ALL_LOCATIONS	
annotation	documentation Timing and offset definition at a specific location. Value : START_LOCATION END_LOCATION		

	ALL_LOCATIONS
source	<pre> <xs:attribute name="TCRTimeQualifier"> <xs:annotation> <xs:documentation>Timing and offset definition at a specific location. Value : START_LOCATION END_LOCATION ALL_LOCATIONS </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="START_LOCATION"/> <xs:enumeration value="END_LOCATION"/> <xs:enumeration value="ALL_LOCATIONS"/> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>

attribute **TimingQualifierCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
used by	element	TimingAtLocation/Timing	
facets	Kind	Value	Annotation
	enumeration	PLA	documentation Public Location Arrival
	enumeration	PLD	documentation Public Location Departure
	enumeration	ELA	documentation Earliest Location Arrival
	enumeration	ELD	documentation Earliest Location Departure
	enumeration	LLA	documentation Latest Location Arrival
	enumeration	LLD	documentation Latest Location Departure
	enumeration	ALA	documentation Actual Location Arival
	enumeration	ALD	documentation Actual Location Departure
	enumeration	ERT	documentation Earliest Run Through
	enumeration	ART	documentation Actual Run Through
	enumeration	LRT	documentation Latest Run Through
source	<pre> <xs:attribute name="TimingQualifierCode"> <xs:annotation> </pre>		

```

<xs:documentation/>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="PLA">
      <xs:annotation>
        <xs:documentation>Public Location Arrival</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="PLD">
      <xs:annotation>
        <xs:documentation>Public Location Departure</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="ELA">
      <xs:annotation>
        <xs:documentation>Earliest Location Arrival</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="ELD">
      <xs:annotation>
        <xs:documentation>Earliest Location Departure</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="LLA">
      <xs:annotation>
        <xs:documentation>Latest Location Arrival</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="LLD">
      <xs:annotation>
        <xs:documentation>Latest Location Departure</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="ALA">
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        <xs:documentation>Actual Location Arival</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="ALD">
      <xs:annotation>
        <xs:documentation>Actual Location Departure</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="ERT">
      <xs:annotation>
        <xs:documentation>Earliest Run Through</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="ART">
      <xs:annotation>
        <xs:documentation>Actual Run Through</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="LRT">

```

	<pre><xs:annotation> <xs:documentation>Latest Run Through</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:attribute></pre>