

Schema **taf_cat_complete_sector_3.5.2.0.xsd**

schema location: [taf_cat_complete_sector_3.5.2.0.xsd](#)
 attributeFormDefault: **unqualified**
 elementFormDefault: **qualified**
 targetNamespace: **http://www.era.europa.eu/schemes/TAFTSI/3.5**

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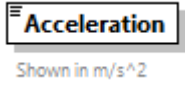
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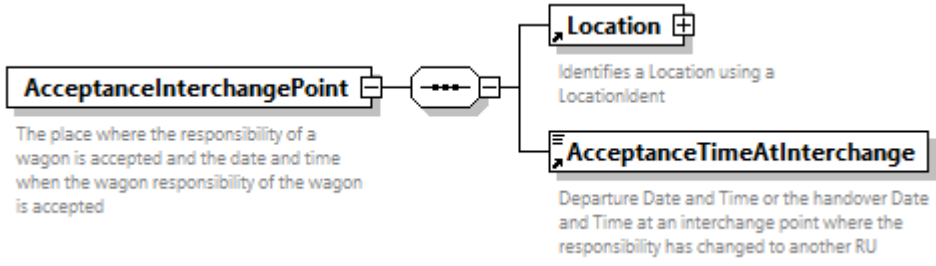
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Width

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**

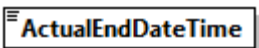
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location AcceptanceTimeAtInterchange
used by	elements WagonInterchangeSubNoticeMessage WagonReceivedAtInterchangeMessage
annotation	documentation The place where the responsibility of a wagon is accepted 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	 Departure Date and Time or the handover Date and Time at an interchange point where the responsibility has changed to another RU
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 **ActualEndTime**

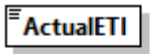
diagram	 Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Identifies the actual date and time of arrival of the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

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

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	 Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point
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 **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><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 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 Customers ErrorMessage LoadingFacility ObjectInfoMessage PathCanceledMessage PathConfirmedMessage PathCoordinationMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PathSectionNotificationMessage UpdateLinkMessage complexType TCRType
annotation	documentation Used to define adminstrative contact information
source	<pre> <xs:element name="AdministrativeContactInformation"> <xs:annotation> <xs:documentation>Used to define adminstrative 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 } class Location { LocationIdent } class LocationDateTime { Date / Time } class OperationalTrainNumberIdentifier { } AffectedLocation "1" -- "1" Location AffectedLocation "1" -- "1" LocationDateTime AffectedLocation "1" -.- "0..1" OperationalTrainNumberIdentifier </pre> The diagram shows the AffectedLocation element (Affected location) containing three sub-elements: Location (Identifies a Location using a LocationIdent), LocationDateTime (Identifies the actual or forecasted Date / Time at a specific reporting point), and OperationalTrainNumberIdentifier (Optional).
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	
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 solid 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**

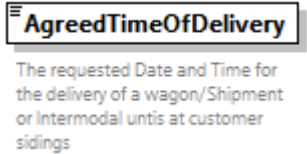
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	DeltaTime
properties	content simple
used by	element TrainDelay
facets	Kind Value Annotation length 5
annotation	documentation Identifies the Delta delay time against the booked schedule in minutes
source	<pre> <xs:element name="AgainstBooked"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

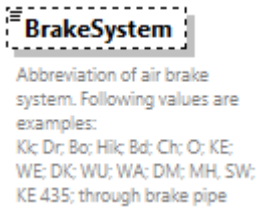
```

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

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><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 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	
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 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	<pre><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>

	<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	Diagram illustrating the structure of the LoadChangeDevice element. It is a dashed box containing a sequence of two elements: ChangeOverWeight and AirBrakedMassLoaded. The ChangeOverWeight element is connected to the AirBrakedMassLoaded element. The diagram also shows a '0..∞' cardinality and a 'Specific weights for change over air brake systems' annotation.
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 tonnes variation device</xs:documentation> </xs:annotation> </xs:element> <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> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AirBrake/LoadChangeDevice/ChangeOverWeight**

diagram	☰ ChangeOverWeight Change over weight of braked weight in tonns 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 tonns variation device									
source	<pre><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></pre>									

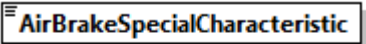
element **AirBrake/LoadChangeDevice/AirBrakedMassLoaded**

diagram	AirBrakedMassLoaded Braked weight in tonns 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 tonns loaded for change over weight									
source	<pre><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></pre>									

element **AirBrakedMass**

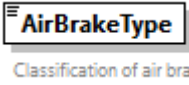
diagram	AirBrakedMass General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons).									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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>		

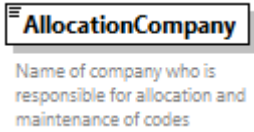
	<pre><xs:annotation> <xs:documentation>G system only</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>P system only</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>G/P 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**

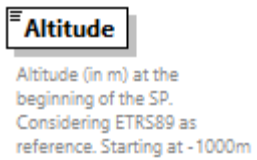
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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>

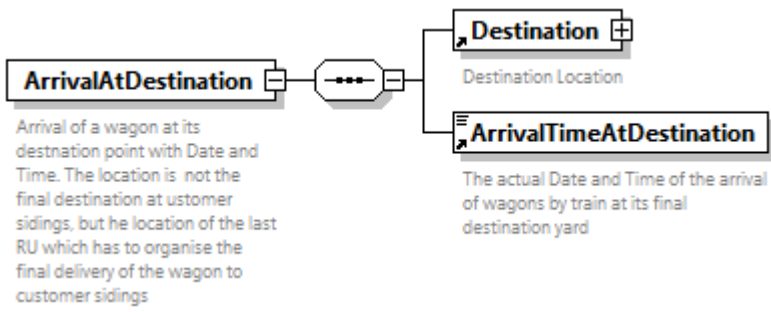
element **AllocationCompany**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	content simple		
used by	elements	LocationSubsidiaryIdentification LocationSubsidiaryInformation	
facets	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> <xs:documentation>Name of company who is responsible for allocation and maintenance of codes</xs:documentation> </xs:annotation> </xs:element> </pre>		

element **Altitude**

diagram	 Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m
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	 Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but he location of the last RU which has to organise the final delivery of the wagon to customer sidings Destination Location The actual Date and Time of the arrival of wagons by train at its final destination yard
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 he location of the last RU which has to organise the final delivery of the wagon to customer sidings
source	<pre><xs:element name="ArrivalAtDestination"> <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 he location of the last RU which has to organise the final delivery of the wagon to customer sidings</xs:documentation> </xs:annotation> <xs:complexType></pre>

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

element **ArrivalInterchangeReport**

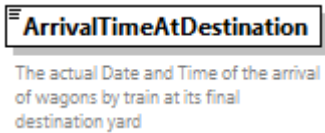
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Source Location ArrivalTimeAtLocation TrainID
used by	element WagonETI ETA Message
annotation	documentation The arrival or interchange station where ETI end
source	<pre> <xs:element name="ArrivalInterchangeReport">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

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

element **ArrivalInterchangeReport/Source**

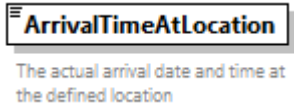
diagram	Source Source of information												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>Experienced time of arrival</td><td></td></tr><tr><td>enumeration</td><td>Real Time Train Situation</td><td></td></tr><tr><td>enumeration</td><td>Estimated time of arrival</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	Experienced time of arrival		enumeration	Real Time Train Situation		enumeration	Estimated time of arrival	
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**

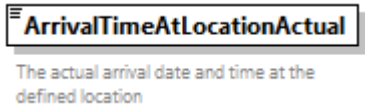
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element ArrivalAtDestination
annotation	documentation The actual Date and Time of the arrival of wagons by train at its final destination yard

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 diagram shows a box labeled ArrivalTimeAtLocation with a description below it: "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 diagram shows a box labeled ArrivalTimeAtLocationActual with a description below it: "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"> <xs:annotation> <xs:documentation>The actual arrival date and time at the defined location</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ArrivalTrackAtLocation**

diagram	
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**

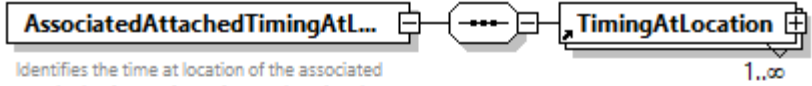
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	complexType TrainActivityType
annotation	documentation Location in the path of train with 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
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 <pre> </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TimingAtLocation" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AssociatedAttachedTrainID**

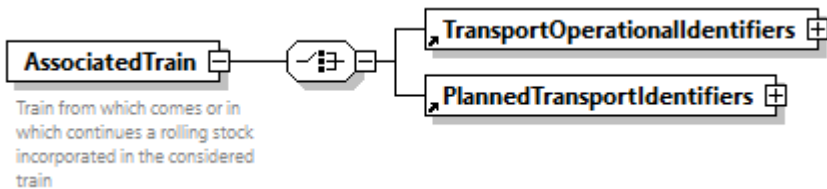
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompositIdentifierPlannedType

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><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>8</td><td></td></tr></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	

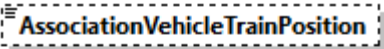
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TransportOperationalIdentifiers PlannedTransportIdentifiers
annotation	documentation Train from which comes or in which continues a rolling stock incorporated in the considered train
source	<pre> <xs:element name="AssociatedTrain"> <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 0..∞ TrainID of the Associated Train in an Attach Activity 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 0..∞ Retail Train Number written on the ticket 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	<pre> classDiagram class AssociationLocation { LocationIdent } class LocationIdent { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } AssociationLocation --> LocationIdent </pre> The diagram shows the structure of the AssociationLocation element. It is a complex type that contains a LocationIdent complex type. LocationIdent contains 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).
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
 AvailabilityFrom

diagram	<pre> classDiagram class AvailabilityFrom { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } class CountryCodeISO { "Identifies a County or State by code (ISO 3166-1)" } class LocationPrimaryCode { } class PrimaryLocationName { "Location Name in an offication language of the Country using the ISO Unicode alphabet" } class LocationSubsidiaryIdentification { "Code, Name and allocation company of Subsidiary Location" } AvailabilityFrom "1" -- "*" CountryCodeISO AvailabilityFrom "1" -- "*" LocationPrimaryCode AvailabilityFrom "1" -- "*" PrimaryLocationName AvailabilityFrom "1" -- "*" LocationSubsidiaryIdentification </pre>
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	AvailabilityTo Location to where a service is available LocationIdent CountryCodeISO Identifies a Country or State by code (ISO 3166-1) LocationPrimaryCode 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
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	BitmapDays 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
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**

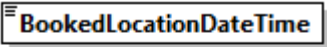
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
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> </xs:element></pre>									

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

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**

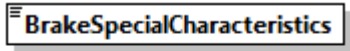
diagram	 Contains the most recent planned datetime including re-planning in planning and operations phase, which is the datetime of the last Path Details Message status "booked".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements ChangeOfTrackMessage 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>

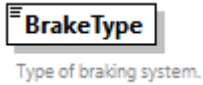
element **BrakeSpecialCharacteristics**

diagram	 General brake characteristics. The 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 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> 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:restriction> </xs:simpleType> </xs:element> </pre>

	<pre> </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> </pre>

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:

	enumeration 13 Wirbelstrombremse) 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> <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> </pre>

```

        <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>

```

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

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 WagonOperationalData						
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 99999
annotation	documentation Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes
source	<pre> <xs:element name="BrakeWeight"> <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> </pre>		

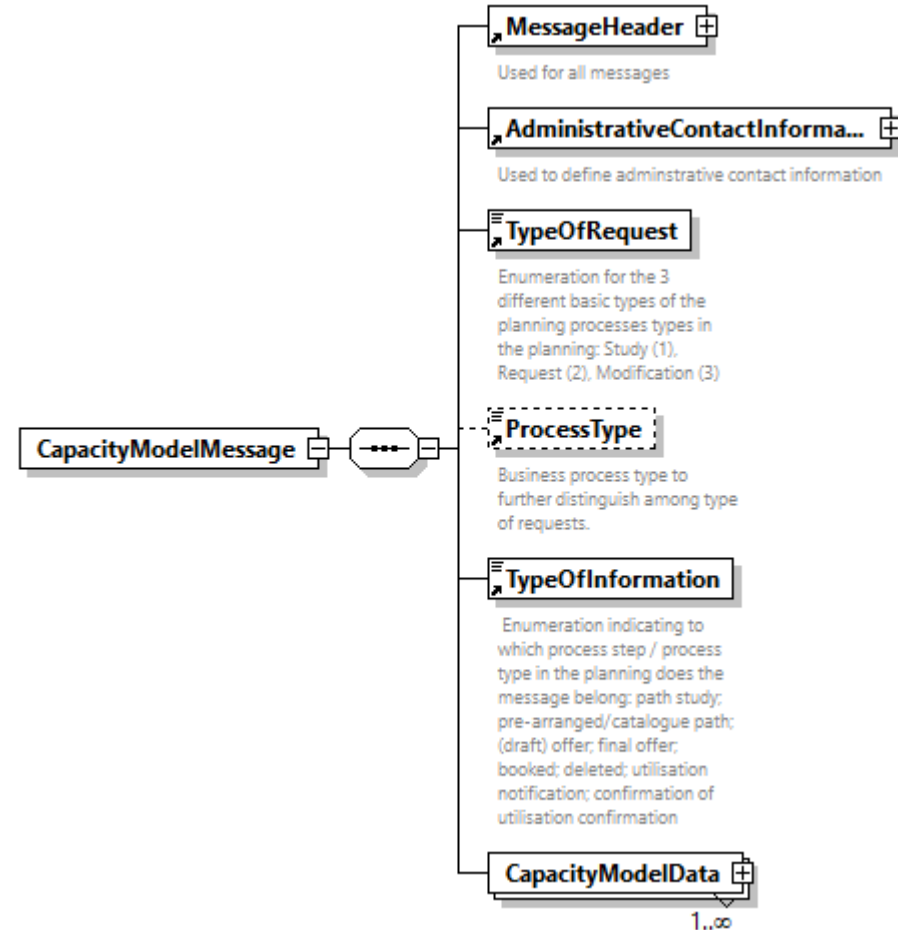
	<pre> <xs:documentation>no braked weight variation device</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>empty/loaded manual or automatic device with one changeover weight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration 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									
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	<xs:element name="BrakingRatio"> <xs:annotation> <xs:documentation>Minimum percentage of braking. Expressed as an integer value									

	<pre> (no percent sign should be added).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:maxInclusive value="999"/> <xs:minInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

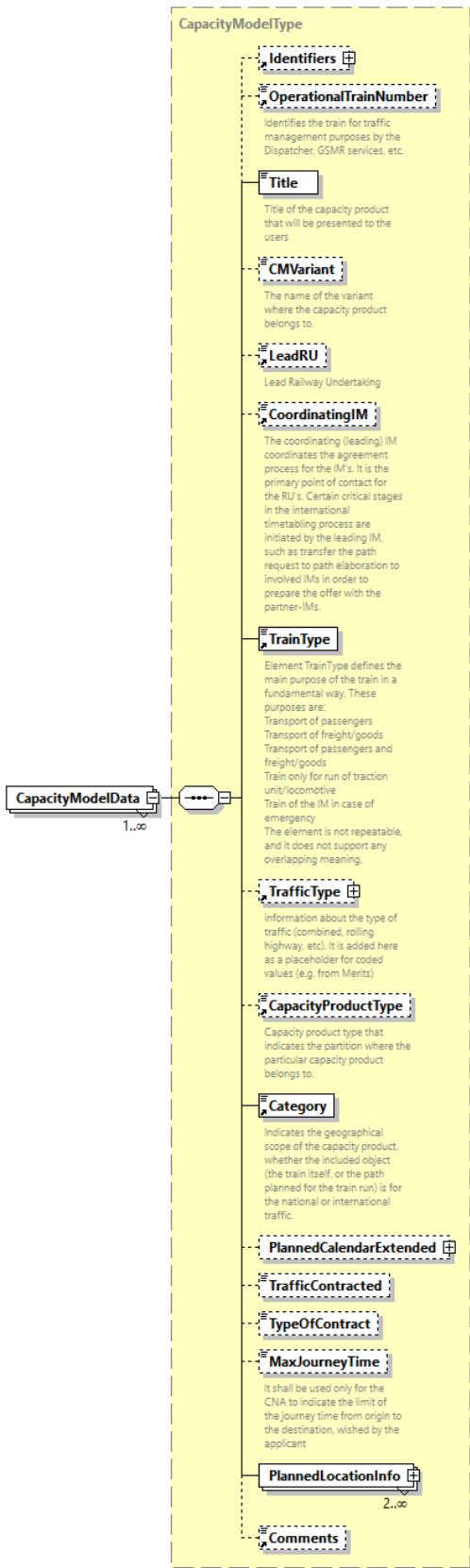
element **CapacityModelMessage**

diagram	 The diagram illustrates the structure of the CapacityModelMessage element. It is a sequence container (represented by a rectangle with a dashed line and a circle containing three dots) that includes the following components in order: MessageHeader: A message header element, used for all messages. AdministrativeContactInforma...: An administrative contact information element, used to define administrative contact information. TypeOfRequest: An enumeration element for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3). ProcessType: A business process type element, used to further distinguish among type of requests. (Note: This element is shown with a dashed border in the diagram). TypeOfInformation: An enumeration element 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: A complex type element, used for capacity model data. It has a cardinality of 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"/> </pre>

	<pre><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>

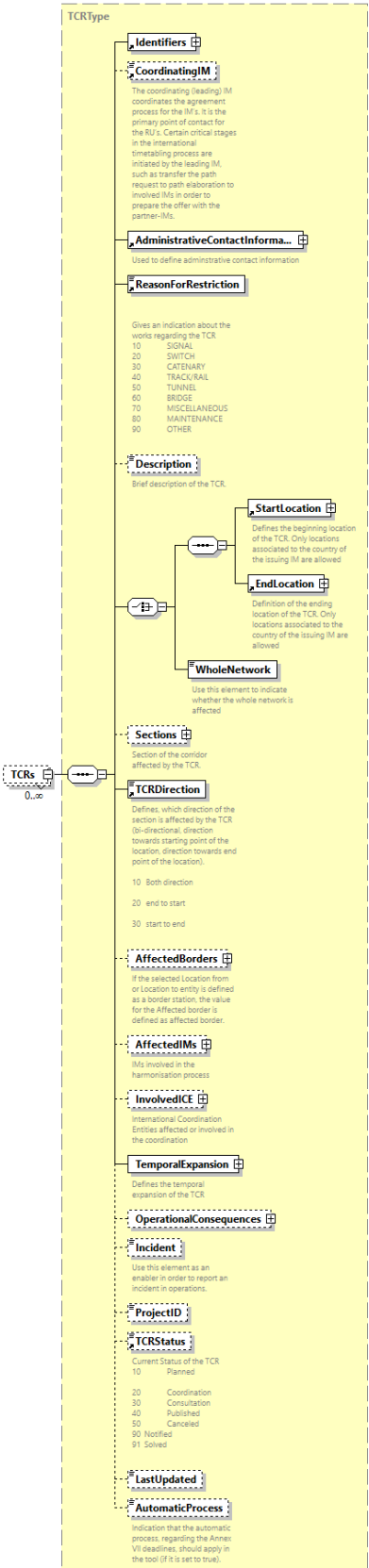
element **CapacityProductMessage**

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"/> </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	The diagram shows a dashed box labeled 'CataloguePaths' with a multiplicity of '0..∞'. It is connected to a solid box labeled 'PathType'. Inside 'PathType', there are two dashed boxes: 'PlannedTransportIdentifiers' and 'PathInformation', both with multiplicity indicators (a plus sign in a box).
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**

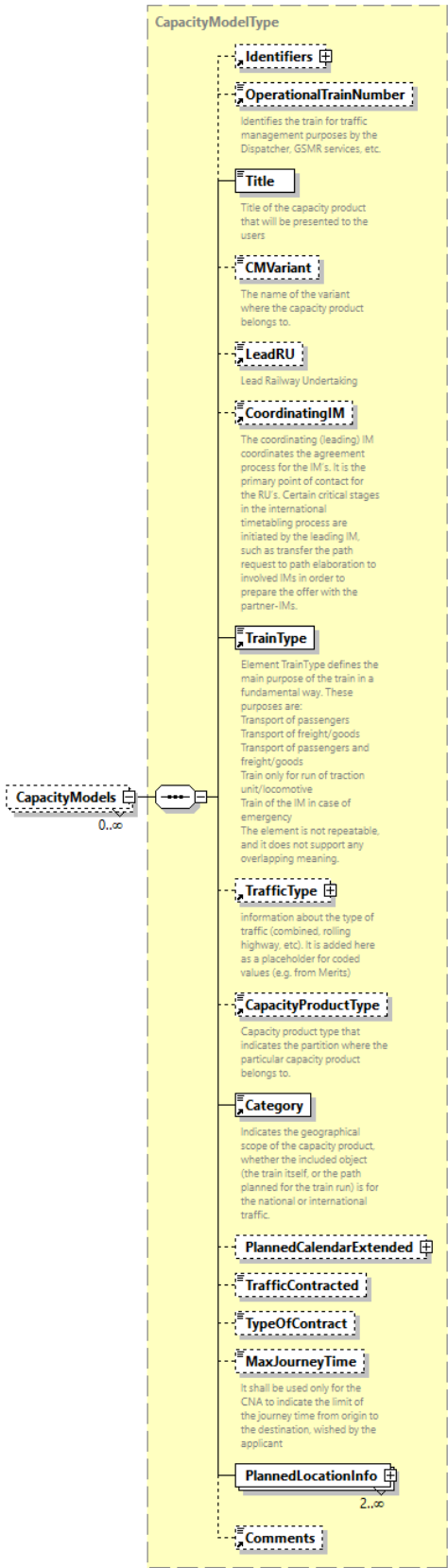
diagram	The diagram shows a dashed box labeled 'Paths' with a multiplicity of '0..∞'. It is connected to a solid box labeled 'PathType'. Inside 'PathType', there are two dashed boxes: 'PlannedTransportIdentifiers' and 'PathInformation', both with multiplicity indicators (a plus sign in a box).
namespace	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

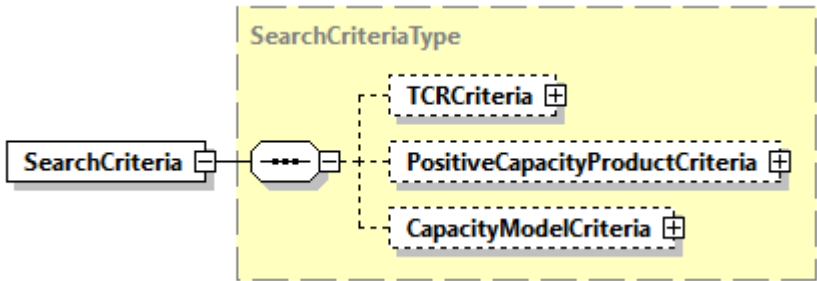


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CapacityModelType
properties	minOcc 0 maxOcc unbounded content complex
children	Identifiers OperationalTrainNumber Title CMVariant LeadRU CoordinatingIM TrainType TrafficType CapacityProductType Category PlannedCalendarExtended TrafficContracted 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	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>0</td><td>documentation National - Capacity product related to national traffic</td></tr><tr><td>enumeration</td><td>1</td><td>documentation International - Capacity product related to international traffic</td></tr></table>	Kind	Value	Annotation	enumeration	0	documentation National - Capacity product related to national traffic	enumeration	1	documentation International - Capacity product related to international traffic
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	<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>									

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 OperationalTrainNumberIdentifier 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 0..∞ The free text description of an interruption 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 **CharacteristicDescriptionCode**

diagram	 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	11	documentation Reservation possible documentation Reservation is possible documentation 0
	enumeration	12	documentation With supplement documentation A supplement is charged documentation 0
	enumeration	13	documentation Reservation compulsory documentation Reservation is compulsory documentation 0
	enumeration	14	documentation Reservation advised documentation Reservation is recommended documentation 0
	enumeration	15	documentation Reservation compulsory for parties documentation Reservation is compulsory for parties documentation 0
	enumeration	16	documentation Reservation compulsory in first-class documentation Reservation is compulsory in first-class documentation 0

	enumeration	17	documentation Group booking restricted documentation Booking by groups restricted documentation 0
	enumeration	18	documentation Groups not allowed documentation Groups of travellers are not allowed documentation 0
	enumeration	19	documentation No reservation documentation Reservation is not possible 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:restriction> </xs:simpleType> </xs:element> </pre>

```

        </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>
            <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>
            <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="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">
  <xs:annotation>
    <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>

```

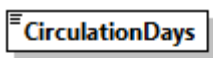
```

<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>

```

	<pre> <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> <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**

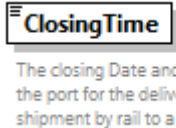
diagram	 If the detailed running days are not yet clear inside the given validity period, it's possible to indicate only the circulation days. The numbering of the week days is according to the standard ISO 8601		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content simple		
used by	complexType PlannedCalendarExtendedType		
facets	Kind minLength	Value 7	Annotation

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

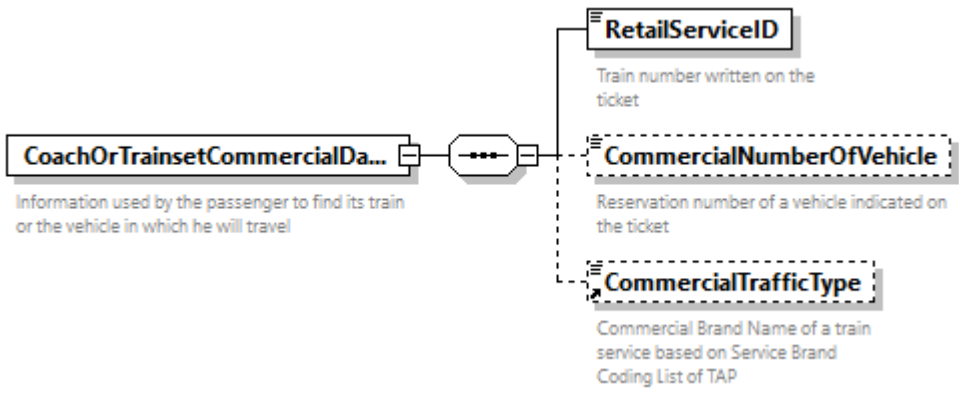
element **CityTown**

diagram	CityTown Name of the City or Town in Clear Text									
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 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 **ClosingTime**

diagram	
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	
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> </pre>

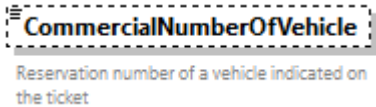
	<pre><xs:complexType> <xs:sequence> <xs:element name="RetailServiceID"> <xs:annotation> <xs:documentation>Train number written on the ticket</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> <xs:pattern value=""/>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

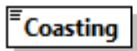
diagram	RetailServiceID Train number written on the ticket												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	content simple												
used by	elements Association UnitCommercialData												
facets	<table><tr><td>Kind</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><tr><td>pattern</td><td></td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	6		pattern		
Kind	Value	Annotation											
minLength	1												
maxLength	6												
pattern													
annotation	documentation Train number written on the ticket												
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:restriction> </xs:simpleType> </xs:element></pre>												

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

element **CoachOrTrainsetCommercialData/CommercialNumberOfVehicle**

diagram	 Reservation number of a vehicle indicated on the ticket
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	 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"> </pre>

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

```

        </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>
</xs:element>

```

element **CombinedTrafficLoadProfile**

diagram	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): 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> </pre>

```

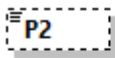
<xs:complexType>
  <xs:sequence>
    <xs:element name="P1" minOccurs="0">
      <xs:annotation>
        <xs:documentation>P1 requires the code in case the gauge of the
semi-trailer is less or equal 2500 mm.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <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**

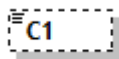
diagram	 P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
annotation	documentation P1 requires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

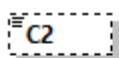
diagram	 P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
annotation	documentation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

	<pre> <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 **ComesFromContinuesInIndicator**

diagram	 Indicates if the rolling stock comes from a train or continues in another train
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>

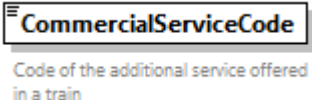
element **Comments**

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	<xs:element name="Comments" type="FreeText"/>

element **CommercialService**

diagram	CommercialService Additional service offered in a train CommercialServiceCode Code of the additional service offered in a train AvailabilityFrom Location from where a service is available AvailabilityTo Location to where a service is available
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><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>01</td><td>documentation</td></tr></table>	Kind	Value	Annotation	enumeration	01	documentation
Kind	Value	Annotation					
enumeration	01	documentation					

	enumeration 02 documentation Electronic seat reservation mandatory 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 Comsectionement 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 comsectionement enumeration 14 documentation Comsectionement 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 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"></pre>

	<pre> <xs:annotation> <xs:documentation xml:lang="en">Electronic seat reservation 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> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation xml:lang="en">Silence comsectionment</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="05"> <xs:annotation> <xs:documentation xml:lang="en">Comsectionment for 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> <xs:enumeration value="07"> <xs:annotation> <xs:documentation xml:lang="en">Nursery in use</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation xml:lang="en">Bike accepted for free</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="09"> <xs:annotation> <xs:documentation xml:lang="en">Bike accepted against paiement</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation xml:lang="en">Comsectionment for train </pre>

```

staff</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
    <xs:annotation>
        <xs:documentation xml:lang="en">Comsectionment</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="12">
    <xs:annotation>
        <xs:documentation xml:lang="en">Passport
comsectionement</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
    <xs:annotation>
        <xs:documentation xml:lang="en">Comsectionement for
PRM</xs:documentation>
    </xs:annotation>
</xs:enumeration>
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position</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="15">
    <xs:annotation>
        <xs:documentation xml:lang="en">Empty and not in service
coach</xs:documentation>
    </xs:annotation>
</xs:enumeration>
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        <xs:documentation xml:lang="en">Coach with seats not in standard
use</xs:documentation>
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travel</xs:documentation>
    </xs:annotation>
</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>

```

	<pre> </xs:enumeration> <xs:enumeration value="20"> <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> </pre>		

	<pre> </xs:annotation> <xs:simpleType> <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	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									
type	restriction of xs:string									
properties	content simple									
used by	elements CoachOrTrainsetCommercialData PlannedTrainData UnitCommercialData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>17</td><td></td></tr><tr><td>enumeration</td><td>46</td><td>documentation TAJ</td></tr></table>	Kind	Value	Annotation	maxLength	17		enumeration	46	documentation TAJ
Kind	Value	Annotation								
maxLength	17									
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 EC documentation EuroCity documentation EuroCity documentation 9 documentation 0 enumeration 51 documentation ICE documentation ICE documentation ICE

	enumeration	52	documentation 8
			documentation 0
			documentation AVE
			documentation AVE
	enumeration	53	documentation AVE
			documentation 8
			documentation 0
			documentation EIL
	enumeration	54	documentation EUROSTAR
			documentation Eurostar
			documentation 8
			documentation 0
	enumeration	55	documentation
			documentation Talگو
			documentation 9
			documentation 0
	enumeration	56	documentation OTU
			documentation Oresundstog
			documentation Oresundstog
			documentation 10
	enumeration	57	documentation 0
			documentation TGV
			documentation TGV
			documentation TGV Bruxelles – Lille / Province
	enumeration	58	documentation 8
			documentation 8
			documentation 8
			documentation 8

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	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 Express documentation 10 documentation 0 documentation EN documentation EuroNight documentation Euro Night documentation 13 documentation 0 documentation HST documentation High-speed train documentation High-speed train documentation 8 documentation 0 documentation TRN documentation TRAIN documentation Train SNCF documentation 9 documentation 0 documentation TGV documentation TGV documentation TGV Sud-Est documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Atlantique documentation 8
	enumeration	70	
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	enumeration	72	
	enumeration	73	
	enumeration	74	

	enumeration	75	documentation
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			TGV
			documentation
	enumeration	76	TGV
			documentation
			TGV Nord
			documentation
			8
	enumeration	77	documentation
			0
			documentation
			TGV
			documentation
	enumeration	79	TGV
			documentation
			TGV Lyria
			documentation
			8
	enumeration	80	documentation
			0
			documentation
			TGV
			documentation
	enumeration	82	TGV
			documentation
			TGV
			documentation
			TGV Interconnexion
			documentation
			8
			documentation
			0
			documentation

		documentation THALYS documentation Thalys documentation 8 documentation 0 documentation
	enumeration 83	documentation Ferry documentation hovercraft documentation 33 documentation 0 documentation RE documentation regional train documentation Regional documentation 11 documentation 0 documentation WTE documentation Wilhelm Tell Express documentation Wilhelm Tell Express documentation 10 documentation 0 documentation
	enumeration 84	documentation Ferry documentation hovercraft documentation 33 documentation 0 documentation RE documentation regional train documentation Regional documentation 11 documentation 0 documentation WTE documentation Wilhelm Tell Express documentation Wilhelm Tell Express documentation 10 documentation 0 documentation
	enumeration 85	documentation PENDOLINO documentation Pendolino documentation 8 documentation 0 documentation Suburban documentation ";E1;"
	enumeration 87	
	enumeration 88	

		documentation 0
	enumeration 89	documentation ALV documentation Alvia documentation Alvia documentation 8
	enumeration 90	documentation 0 documentation AVN documentation Avant documentation Avant documentation 8
	enumeration 91	documentation 0 documentation TER documentation TRAIN documentation Regional TER documentation 11
	enumeration 92	documentation 0 documentation REG documentation NSB Regiontog documentation NSB Regiontog documentation 37
	enumeration 93	documentation 0 documentation FB documentation FRECCIABIANCA documentation FRECCIABIANCA documentation 8
	enumeration 94	documentation 0 documentation SC

		documentation
		SuperCity
		documentation
		Supercity
		documentation
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		documentation
		0
enumeration	95	documentation
		CNL
		documentation
		City Night Line (D)
		documentation
		DB Nachtzug
		documentation
		13
		documentation
		0
enumeration	96	documentation
		INI
		documentation
		InterCityNotte Italia
		documentation
		InterCityNotte
		documentation
		13
		documentation
		0
enumeration	97	documentation
		GB
		documentation
		ATOC MEMBER OPERATED SERVICE
		documentation
		ATOC MEMBER OPERATED SERVICE
		documentation
		37
		documentation
		0
enumeration	98	documentation
		ESI
		documentation
		ES* Italia
		documentation
		Eurostar Italia
		documentation
		8
		documentation
		0
enumeration	99	documentation
		documentation
		documentation

	enumeration	100	Funicular
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			15
			documentation
	enumeration	101	0
			documentation
			documentation
			documentation
	enumeration	102	Airport train
			documentation
			12
			documentation
	enumeration	107	0
			documentation
			Night train
			documentation
	enumeration	108	13
			documentation
			0
			documentation
	enumeration	109	Touristic train
			documentation
			9
			documentation
	enumeration	109	0
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			documentation
			documentation
	enumeration	108	Historical train, steam engine train
			documentation
			16
			documentation
	enumeration	109	0
			documentation
			IRE
			documentation
	enumeration	109	IRE
			documentation
			Interregio-Express
			documentation
	enumeration	109	10
			documentation
			0
			documentation
	enumeration	109	RB
			documentation
			RB
			documentation

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			documentation Shinkansen documentation 8 documentation 0 documentation THT documentation TrainHotel Talgo documentation Train hotel talgo documentation 13 documentation 0 documentation EUR documentation Euromed documentation
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			documentation

			Euromed documentation 9 documentation 0 documentation ALR documentation Alaris documentation Alaris documentation 9 documentation 0 documentation ALT documentation Altaria documentation Altaria documentation 9 documentation 0 documentation ARC documentation Arco documentation intercity documentation 9 documentation 2 documentation
	enumeration	115	
	enumeration	116	
	enumeration	117	
	enumeration	119	
			documentation documentation S-Bahn documentation 12 documentation 0 documentation Night Train documentation Night Train documentation ";E1;" documentation 0
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	enumeration	122	documentation IR documentation Interregional documentation Interregional documentation 10 documentation 0
	enumeration	123	documentation IRN documentation Interregional Night Train documentation Interregional Night Train documentation 13 documentation 2
	enumeration	124	documentation NLT documentation TOLSTOI documentation Tolstoi documentation ";E1;" documentation 0
	enumeration	126	documentation documentation documentation ARZ documentation 14 documentation 0
	enumeration	128	documentation AVE documentation RENFE SNCF EN COOPERATION documentation RENFE SNCF documentation 8 documentation 0
	enumeration	129	documentation TGV documentation

		RENFE SNCF EN COOPERATION documentation RENFE SNCF documentation 8 documentation 0 documentation BUS documentation IC Bus documentation Bus documentation 32 documentation 0 documentation BUS documentation IC Bus international documentation Bus documentation 32 documentation 0 documentation special train documentation Sonderzug documentation 9 documentation 0 documentation InterCityRapid documentation 9 documentation 0 documentation InterPici
	enumeration 130	
	enumeration 131	
	enumeration 153	
	enumeration 154	
	enumeration 155	

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	enumeration	158	documentation
			documentation Euregio documentation 11 documentation 0
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			documentation
	enumeration	159	documentation Bus documentation IC Ersatzbus documentation 32 documentation 0
			documentation
			documentation
			documentation
	enumeration	160	documentation Bus documentation IP Ersatzbus documentation 32 documentation 0
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			documentation
			documentation
	enumeration	162	documentation Bus documentation Replacement Bus documentation 32
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			documentation
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	enumeration	166	documentation 0 documentation TGV documentation TGV INOUI documentation TGV Duplex France Allemagne documentation 8
	enumeration	170	documentation 2 documentation YHT documentation YHT documentation High speed train in Turkey documentation 8
	enumeration	171	documentation 0 documentation FA documentation FRECCIARGENTO documentation FRECCIARGENTO documentation 8
	enumeration	172	documentation 0 documentation FR documentation FRECCIAROSSA documentation FRECCIAROSSA documentation 8
	enumeration	173	documentation 0 documentation AP

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			documentation
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			Bernina Express (Panorama Bus)
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			GGB
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			documentation
			Mountain train
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			documentation
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			documentation
			ICE-Allemagne France
			documentation
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			documentation
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			RIN
			documentation
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			documentation
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			documentation
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			documentation
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			documentation
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			documentation
			Riviera night
			documentation
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			0
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			R A I L JET
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			DB Autozug
			documentation
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			documentation
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			Berlin-Warszawa-Express
			documentation
			Berlin-Warszawa-Express
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			documentation
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			documentation
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			Berlin-Warszawa-Express
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			documentation
			0
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			documentation Austria Express/Treski
			documentation 13
			documentation 0
		219	documentation PRECIOS MERCADO
			documentation Precios Mercado
			documentation 9
			documentation 0
		223	documentation TGV
			documentation TGV
			documentation TGV
			documentation 8
		224	documentation 0
			documentation FB
			documentation FB
			documentation FernBus
	225	32	documentation 0
			documentation ICB
			documentation Intercitybus
			documentation ÖBB-Intercitybus
	225	32	documentation 0
			documentation TLK
			documentation TLK train
			documentation

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

	enumeration	231	0
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			MR
			documentation
			musicREGIO train
			documentation
			musicREGIO train
			documentation
			11
			documentation
			0
			documentation
			Os
			documentation
			Stopping Train
			documentation
			Stopping Train
			documentation
			11
			documentation
			0
			documentation
			P
			documentation
			Fast Train
			documentation
			Fast Train
			documentation
			10
			documentation
			0
			documentation
			R
			documentation
			REGIO train
			documentation
			REGIO train
			documentation
			11
			documentation
			0
			documentation
			RE
			documentation
			REGIOekspres train
			documentation
			REGIOekspres train
			documentation
			10
			documentation
			0
			documentation
			VR
			documentation

			viaREGIO train documentation viaREGIO train documentation 11 documentation 0 documentation TK documentation TurKol documentation TurKol documentation 11 documentation 0 documentation EIP documentation EIC Premium documentation High-speed train documentation 8 documentation 0 documentation SKM documentation PKP SKM w Trojmiescie documentation PKP SKM w Trojmiescie documentation 12 documentation 0 documentation SA documentation SAPSAN documentation High speed train documentation 8 documentation 0 documentation STR documentation STRIZH documentation Strizh night train documentation
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	enumeration	239	
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    <xs:documentation xml:lang="en" doc:docType="merits
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Night Line</xs:documentation>
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    <xs:documentation xml:lang="en" doc:docType="merits
description">Riviera night</xs:documentation>
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    <xs:documentation xml:lang="en" doc:docType="merits description">Rail
Jet</xs:documentation>
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description">TGV</xs:documentation>
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Rail Lines</xs:documentation>
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code">32</xs:documentation>
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                <xs:documentation xml:lang="en" doc:docType="merits
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code">10</xs:documentation>
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description">Replacement bus for InterRegio train</xs:documentation>
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```

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International Train</xs:documentation>
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description">REGIOekspres train</xs:documentation>
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description">High-speed train</xs:documentation>
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SKM w Trojmiescie</xs:documentation>
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            <xs:documentation xml:lang="en" doc:docType="merits description">High
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code">8</xs:documentation>
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reservation">STRIZH</xs:documentation>
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description">Strizh night train</xs:documentation>
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code">"E1;"</xs:documentation>
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doc:docType="Status">0</xs:documentation>
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description">Strizh interregional</xs:documentation>
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Night Jet</xs:documentation>
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code">"E1;"</xs:documentation>
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railjet xpress</xs:documentation>
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cityjet xpress</xs:documentation>
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        <xs:documentation xml:lang="en" doc:docType="ticket text
reservation">TGV INOUI</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="merits description">TGV
INOUI</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="250">
        <xs:annotation>
            <xs:documentation xml:lang="en">TGV</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="ticket text
reservation">TGV INOUI</xs:documentation>
            <xs:documentation xml:lang="en" doc:docType="merits description">TGV
INOUI DUPLEX (double decker TGV)</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="251">
            <xs:annotation>
                <xs:documentation xml:lang="en">ALI</xs:documentation>
                <xs:documentation xml:lang="en" doc:docType="ticket text
reservation">Aare Linth </xs:documentation>
                <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"

```

```

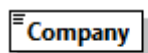
doc:docType="Status">0</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="257">
  <xs:annotation>
    <xs:documentation xml:lang="en">ASF</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="ticket text
reservation">ANEK – SUPERFAST JOINT VENTURE </xs:documentation>
    <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>

```

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	 Identifies a railway company (RU or IM)												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	elements CapacityProductSearchCriteria/AffectedIMSearch TCRSearchCriteria/AffectedIMSearch complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType												
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 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	
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 **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"></pre>

	<pre> <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 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> </pre>

```

        </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: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>

```



```

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: RRRRYYYMMDDNNNNNNN 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: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: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">
        <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"/>

```

	<pre> <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"/> </pre>

```

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

```

```

</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 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:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>

```



```

        <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: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">

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```

        <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: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:sequence>
  </xs:complexType>
</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>
<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"

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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: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>
      </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">

```

	<pre> <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> </pre>

```

<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:element name="Transferred"
type="Money_Type">
                <xs:annotation>
                    <xs:documentation>Transferred</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:choice>
    </xs:sequence>
</xs:complexType>

```

```

        </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>

```


element **ConsignmentOrderMessage/COMS**

diagram	1..50 Message (all bounded optional elements are bounded to 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 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 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 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: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 NNNNNN = 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

```

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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

```

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: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: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>
        <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:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:choice>
    </xs:complexType>
</xs:element>

```

```

        </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: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: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: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>

```

```

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

```

```

<xs:element name="Carriers" maxOccurs="30">
  <xs:complexType>
    <xs:sequence>
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      <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>
    <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>
<xs:element name="Place">

```

```

        <xs:annotation>
          <xs:documentation>Place of the
extension.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
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        </xs:simpleType>
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        <xs:annotation>
          <xs:documentation>Beginning of the
extension.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
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        </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:sequence>
  </xs:complexType>
</xs:element>

```

	<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>

	<pre> <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> </pre>

```

        </xs:restriction>
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        </xs:element>
        </xs:choice>
        </xs:complexType>
        </xs:element>
        <xs:element name="Fee" minOccurs="0">
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            <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">
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            <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>
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            </xs:choice>
          </xs:complexType>
        </xs:element>
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="10">
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            <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

```



```

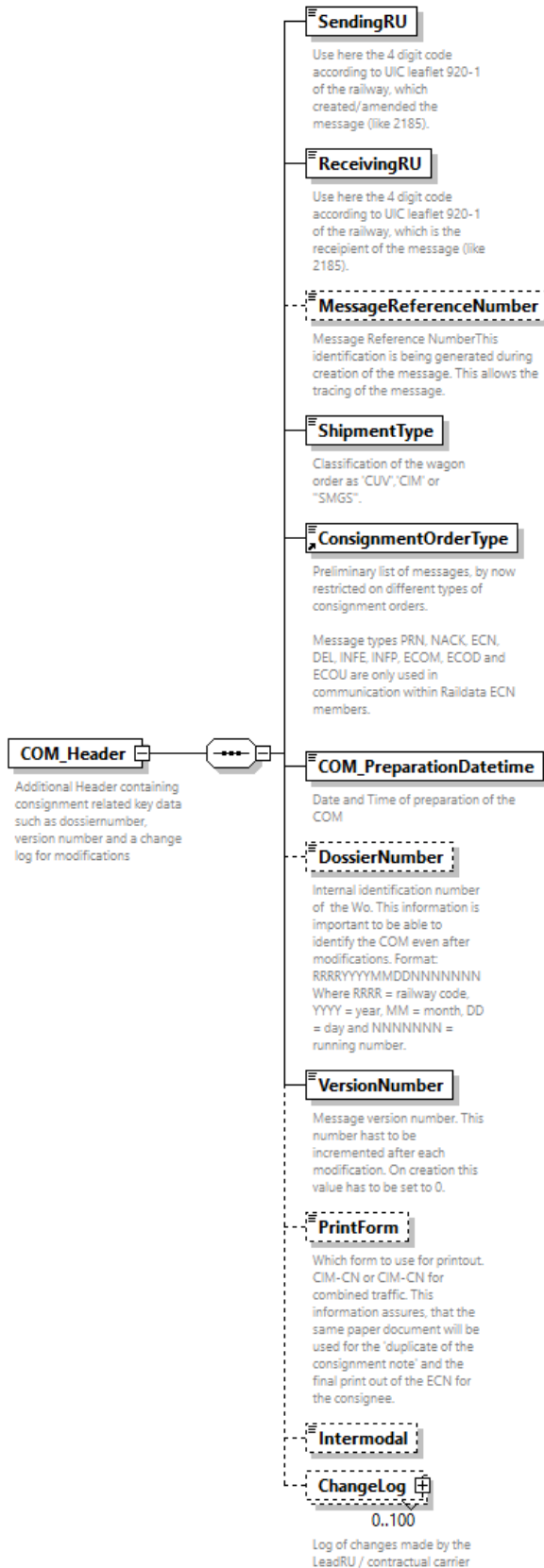
code</xs:documentation>
    </xs:annotation>
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        <xs:restriction base="xs:string">
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            <xs:maxLength value="2"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:choice>
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        <xs:annotation>
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        </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: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"/>

```

	<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	</

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

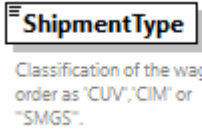
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	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	minOcc 0 maxOcc 1 content simple
facets	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>

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

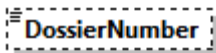
element **ConsignmentOrderMessage/COMS/COM_Header/ShipmentType**

diagram	 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 NNNNNNNN = 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>

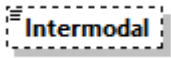
element **ConsignmentOrderMessage/COMS/COM_Header/VersionNumber**

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><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 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>									

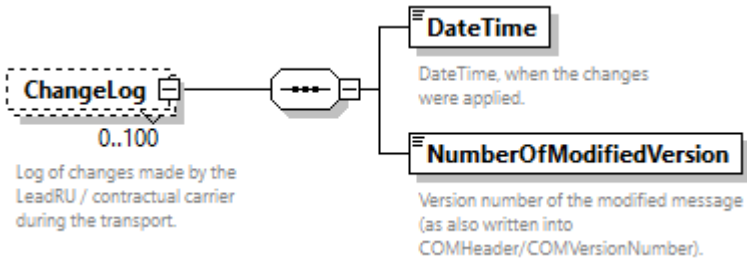
element **ConsignmentOrderMessage/COMS/COM_Header/PrintForm**

diagram	

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**

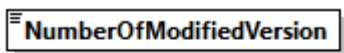
diagram	 0..100 Log of changes made by the LeadRU / contractual carrier during the transport. DateTime, when the changes were applied. Version number of the modified message (as also written into COMHeader/COMVersionNumber).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 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	 DateTime, when the changes were applied.
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>

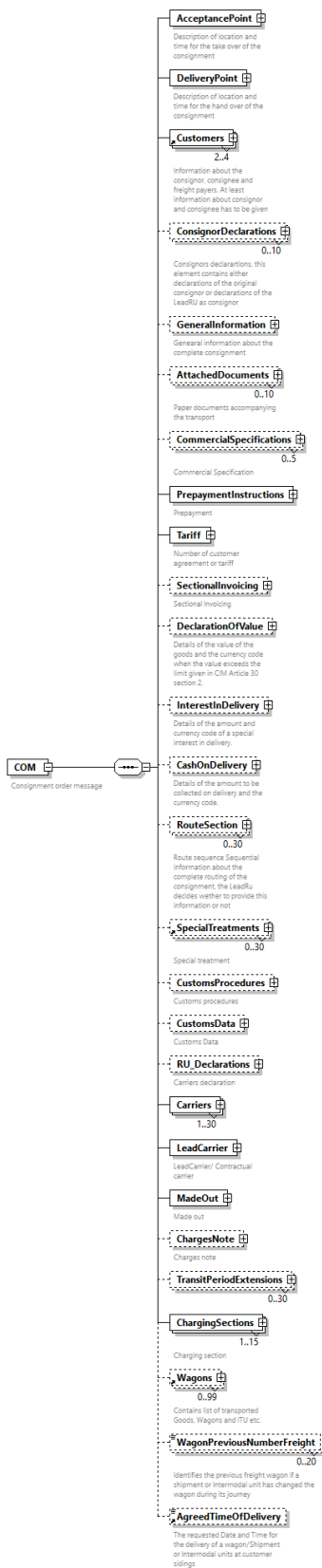
element **ConsignmentOrderMessage/COMS/COM_Header/ChangeLog/NumberOfModifiedVersion**

diagram	 Version number of the modified message (as also written into COMHeader/COMVersionNumber).
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 SectionallInvoicing 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> </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: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
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:simpleType>
                    <xs:restriction base="xs:boolean"/>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

</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="LocationId">
  <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>

```

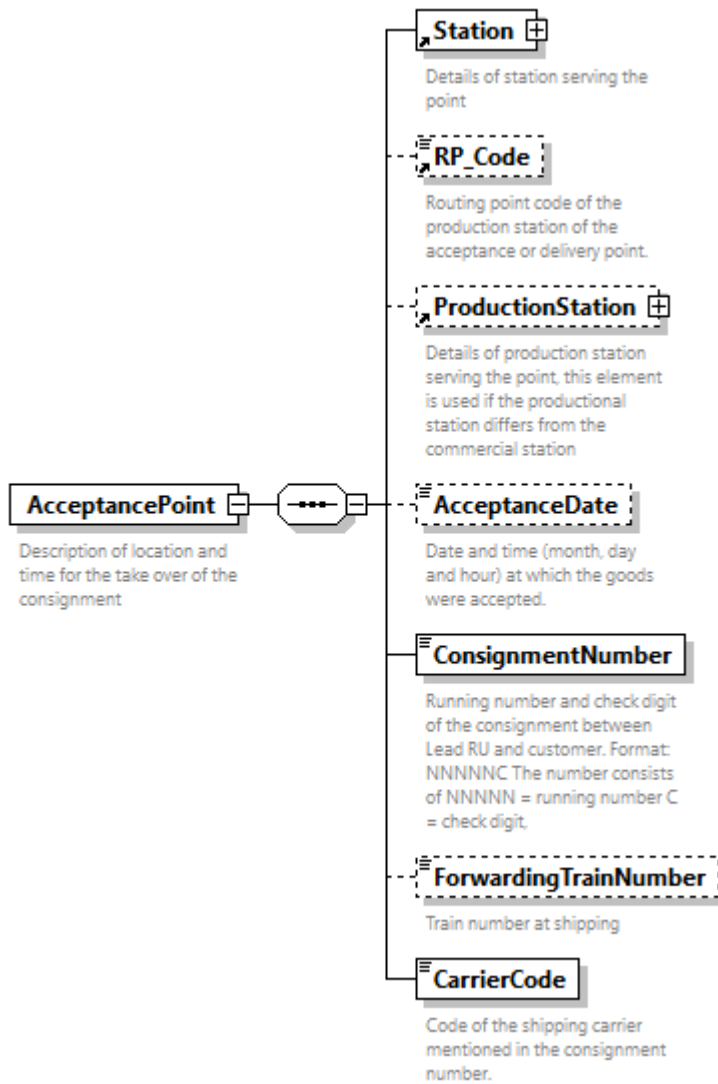
```

<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**

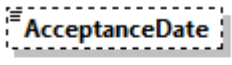
diagram



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	 AcceptanceDate 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	 ConsignmentNumber 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>

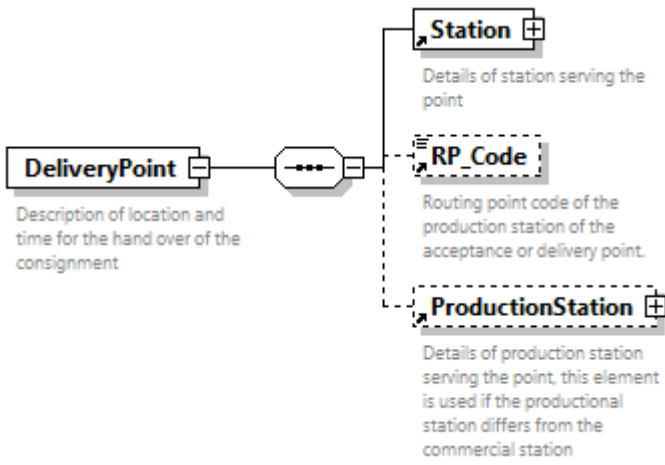
element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/ForwardingTrainNumber**

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><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 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	<pre> graph LR GI[GeneralInformation] --- CR[ConsignorReference] GI --- IC[InformationConsignee] GI --- WG[WagonGroupInfo] </pre> 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	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Consignor's reference concerning the complete consignment
source	<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>

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 electronic 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>

```

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

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

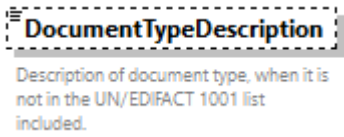
diagram	DocumentType Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
facets	<table><thead><tr><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	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></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>

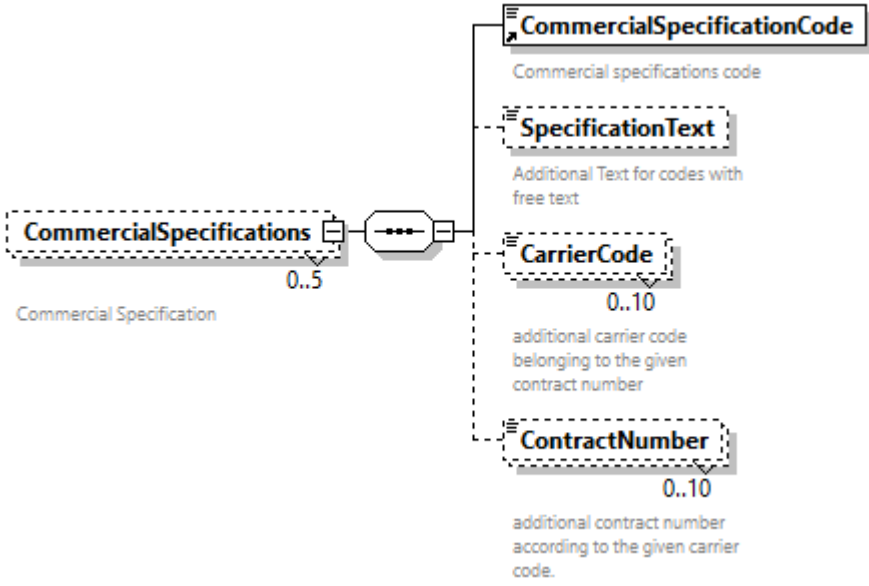
element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentTypeDescription**

diagram	
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**

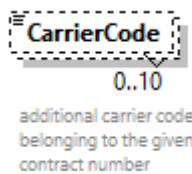
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	minOcc 0 maxOcc 5 content complex
children	CommercialSpecificationCode SpecificationText CarrierCode ContractNumber
annotation	documentation Commercial Specification
source	<pre> <xs:element name="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> </pre>

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

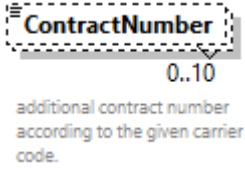
diagram	SpecificationText Additional Text for codes with free text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 1000
annotation	documentation Additional Text for codes with free text
source	<pre><xs:element name="SpecifiationText" 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	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>10</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	10	content	simple						
minOcc	0												
maxOcc	10												
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 additional carrier code belonging to the given contract number												

source	<pre> <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> </pre>

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

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	minOcc	0	
	maxOcc	10	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)
	maxLength	6	
annotation	documentation additional contract number according to the given carrier code.		
source	<pre> <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> </pre>		

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

diagram	The diagram illustrates the structure of the PrepaymentInstructions element. It is a sequence of the following elements: PrepaymentInstructions (Prepayment) PrepaymentCustomer (Prepaidcode (given by the client)) PrepaidcodeCarrier (Prepaidcode (given by the railway)) PaidUpTo (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.) AdditionalCharges (Additional Charges) with a cardinality of 0..5.
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" maxOccurs="5" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Charges</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

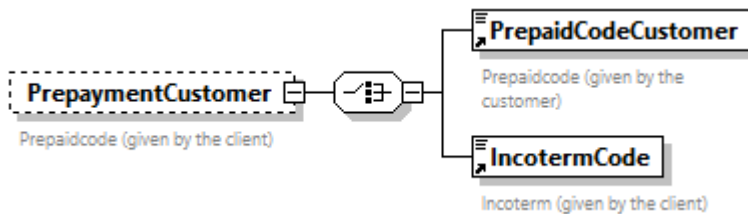
```

</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	<pre> classDiagram class Tariff { +ContractNumber +TariffNumber } class ContractNumber { "Number of customer agreement." } class TariffNumber { "Number of the tariff." } Tariff --> ContractNumber Tariff --> TariffNumber </pre>
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**

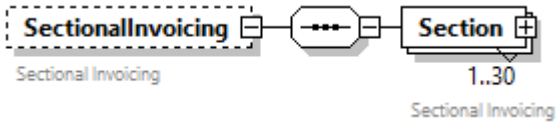
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	documentation
			has to be sent as n6 (with leading zeros if necessary)
	maxLength	6	
annotation	documentation Number of customer agreement.		
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**

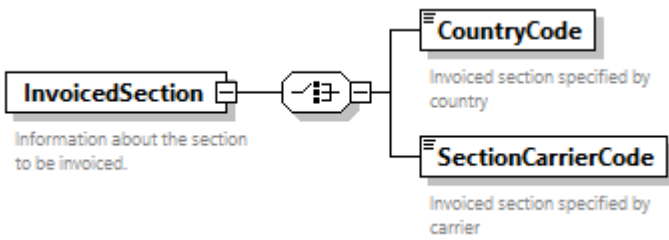
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc 30 content complex
children	InvoicingCarrierCode InvoicedSection
annotation	documentation Sectional Invoicing
source	<pre> <xs:element name="Section" maxOccurs="30"> <xs:annotation> <xs:documentation>Sectional Invoicing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

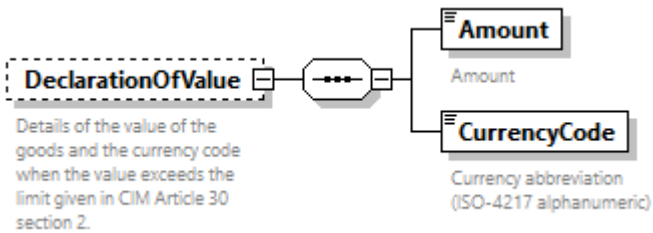
diagram	 Invoiced section specified by country									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>2</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	<u>CompanyCode</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><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 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." below it. To the right, there is a sequence container (a box with three dots) containing two elements: Amount (with text "Amount") and CurrencyCode (with text "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 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	CurrencyCode Currency abbreviation (ISO-4217 alphanumeric)		
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	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/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**

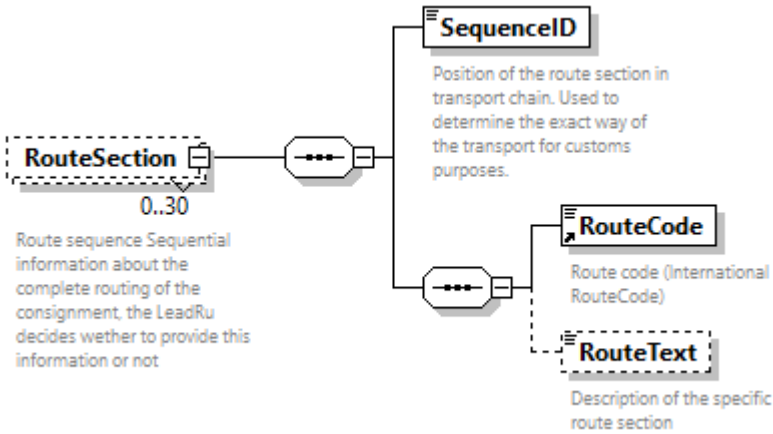
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Money Type									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>18</td><td></td></tr><tr><td>fractionDigits</td><td>2</td><td></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/CashOnDelivery/CurrencyCode**

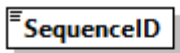
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	CurrencyCode Type						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>[A-Z][A-Z][A-Z]</td><td></td></tr></table>	Kind	Value	Annotation	pattern	[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/RouteSection**

diagram					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5				
properties	<table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>30</td></tr> </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**

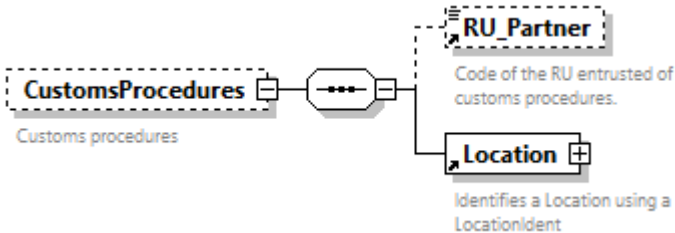
diagram	 Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:int
properties	content simple

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	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>80</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	80	
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 **ConsignmentOrderMessage/COMS/COM/CustomsProcedures**

diagram	

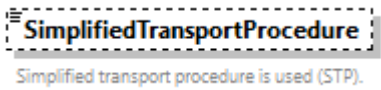
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	RU Partner Location
annotation	documentation Customs procedures
source	<pre> <xs:element name="CustomsProcedures" minOccurs="0"> <xs:annotation> <xs:documentation>Customs procedures</xs:documentation> </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**

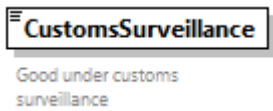
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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**

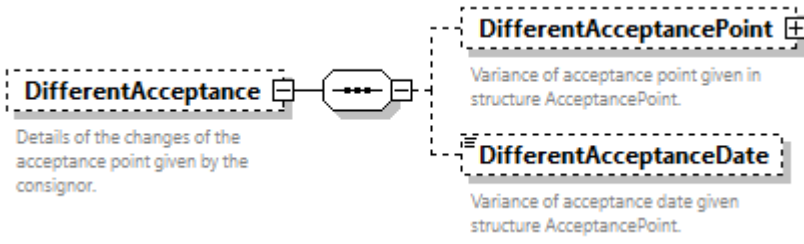
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 30 content complex
children	DeclaringRU RU_DeclarationCode DeclarationText
annotation	documentation Details of the carriers declaration.
source	<pre> <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30">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

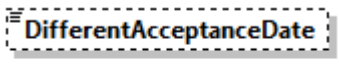
element
ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint

diagram	The diagram illustrates the structure of the LocationIdent type. It is a sequence of four elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. A separate box shows DifferentAcceptancePoint as a sequence of these four elements. <pre>graph LR subgraph LocationIdent C[CountryCodeISO] --- L[LocationPrimaryCode] --- P[PrimaryLocationName] --- S[LocationSubsidiaryIdentification] end subgraph DifferentAcceptancePoint C2[CountryCodeISO] --- L2[LocationPrimaryCode] --- P2[PrimaryLocationName] --- S2[LocationSubsidiaryIdentification] end</pre>
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>

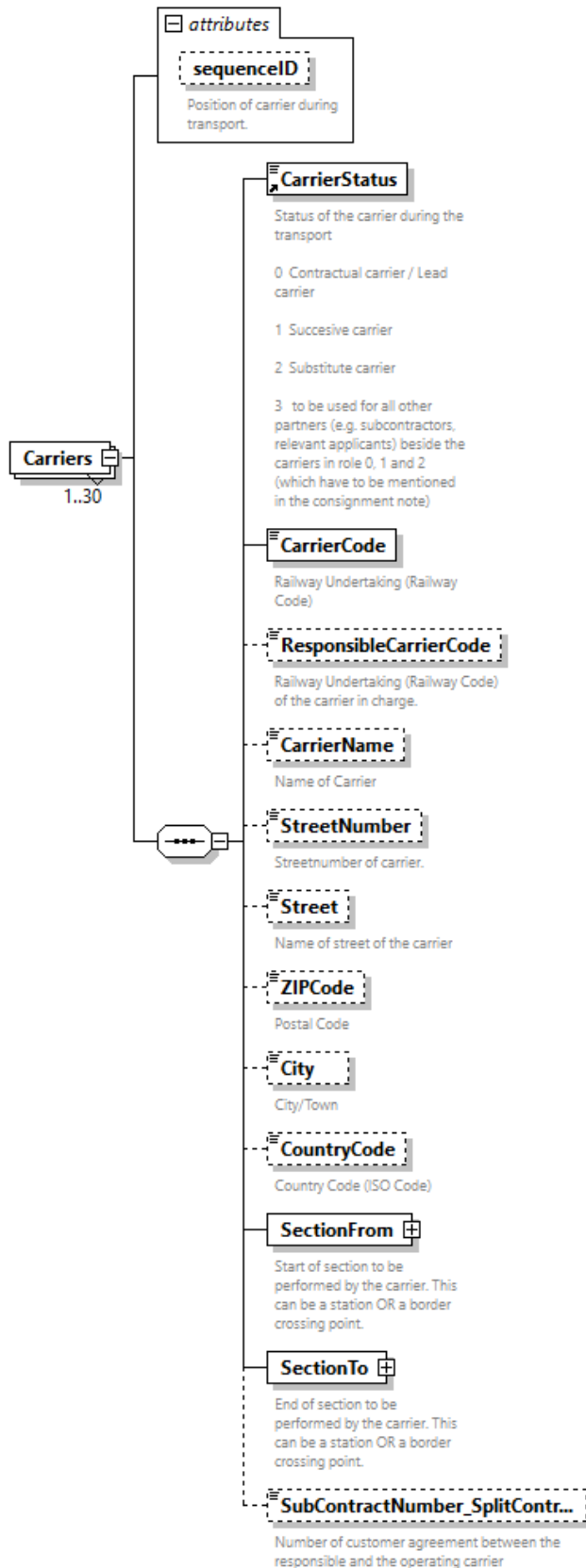
element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptanceDate

diagram	 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**

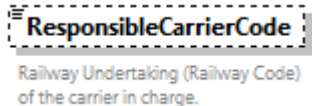
type	xs:int
annotation	documentation Position of carrier during transport.
source	<pre> <xs:attribute name="sequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of carrier during transport. </xs:documentation> </xs:annotation> </xs:attribute> </pre>

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

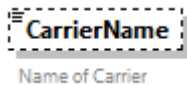
diagram	CarrierCode Railway Undertaking (Railway Code)												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><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>												

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

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

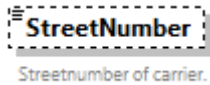
diagram	 The diagram shows a dashed box containing the text ResponsibleCarrierCode. Below the box, it says "Railway Undertaking (Railway Code) of the carrier in charge."												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	minOcc 0 maxOcc 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	<pre><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></pre>												

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	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 Name of Carrier									
source	<pre><xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of Carrier</xs:documentation> </xs:annotation></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**

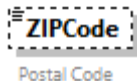
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Streetnumber of carrier.
source	<pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <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	Street Name of street of 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 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	 The diagram shows a box labeled 'City' with a dashed border. Below the box, the text 'City/Town' is written.
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	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 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**

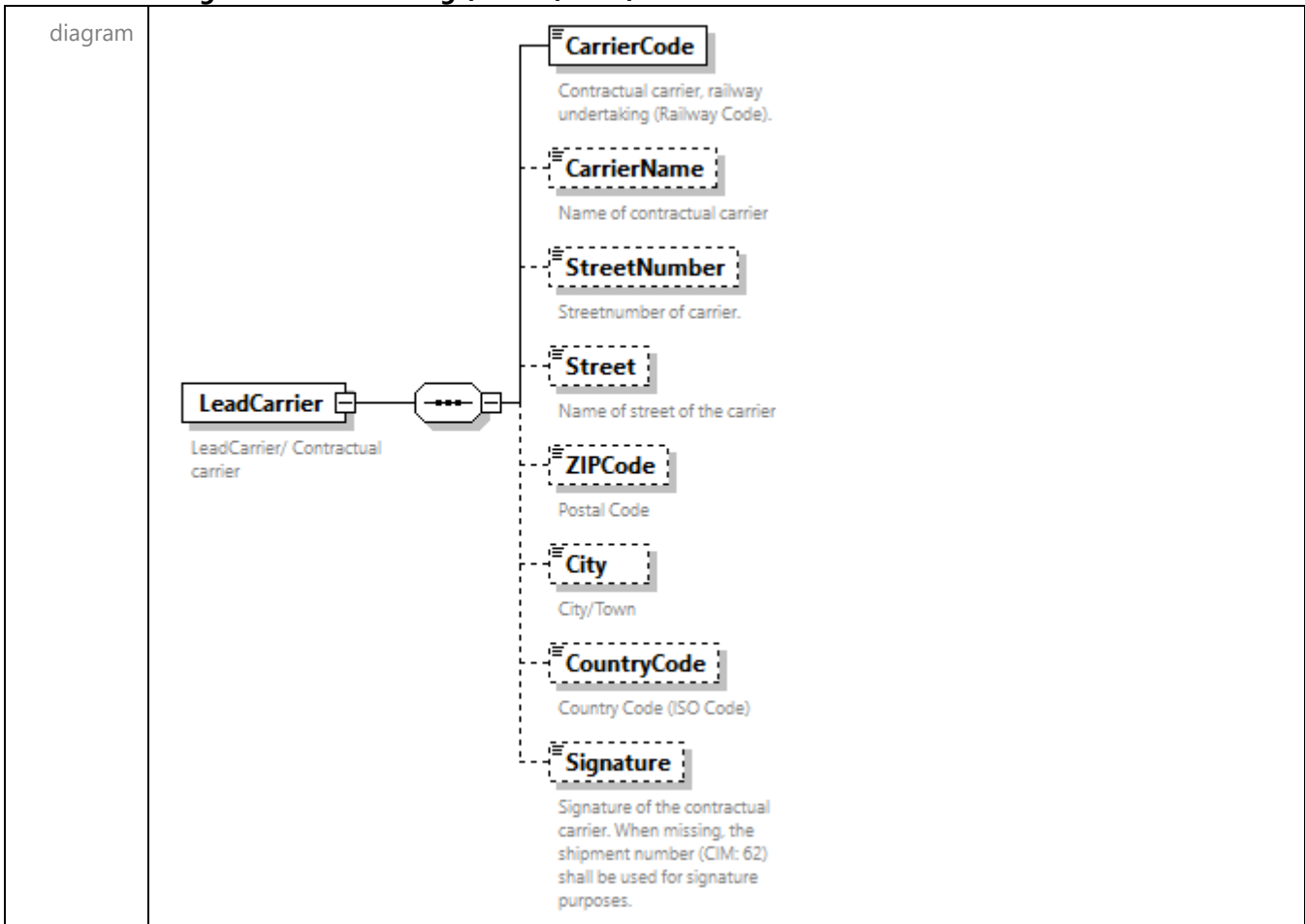
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation End of section to be performed by the carrier. This can be a station OR 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><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 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>

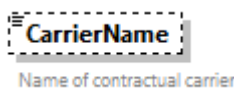
	<pre> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</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	<pre><xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Contractual carrier, railway undertaking (Railway Code).</xs:documentation> </xs:annotation> </xs:element></pre>												

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

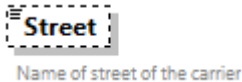
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of contractual carrier
source	<pre><xs:element name="CarrierName" minOccurs="0">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

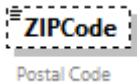
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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	 The diagram shows a dashed box containing the text 'ZIPCode' in bold. Below the box, the text 'Postal Code' is written in a smaller font.
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/LeadCarrier/City**

diagram	 The diagram shows a dashed box containing the text 'City' in bold. Below the box, the text 'City/Town' is written in a smaller font.
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></pre>

	<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	<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 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><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 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**

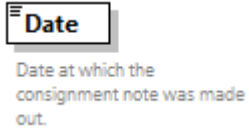
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Place Date
annotation	documentation Made out
source	<pre> <xs:element name="MadeOut"> <xs:annotation> <xs:documentation>Made out</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element 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**

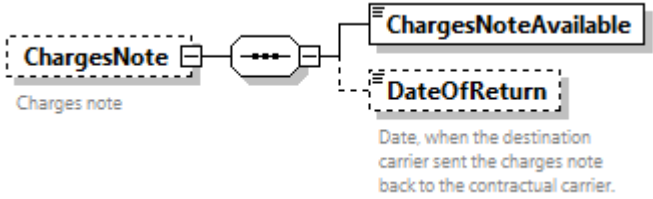
diagram	Place Place on which the consignment note was made out									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><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 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**

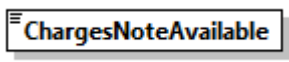
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
annotation	documentation Date at which the consignment note was made out.

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**

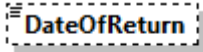
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ChargesNoteAvailable DateOfReturn
annotation	documentation Charges note
source	<pre> <xs:element name="ChargesNote" minOccurs="0"> <xs:annotation> <xs:documentation>Charges note</xs:documentation> </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**

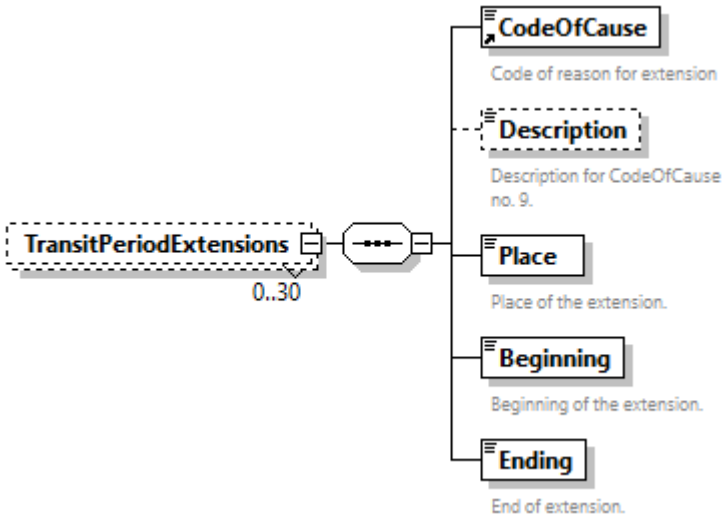
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple

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

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 with a sequence of child elements. The main element is ChargingSections (1..15), labeled 'Charging section'. It contains a sequence of elements: Start (Start of the charging section), End (End of the charging section), CommercialRouteCode (Route code (RIP) when the customer agreement or the tariff applied provide for it.), CurrencyCode (Code for the currency of the amounts entered in the charging section.), Tariff (Freight Charges Section Tariff), and AdditionalCharges (0..10).
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> </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	The diagram illustrates the structure of the Start element. It is a rectangle with a small square on its left side. A solid line connects it to a dashed rectangle labeled LocationIdent. Inside LocationIdent, a dashed line connects to a small rectangle with a dashed border and a small square on its left side. This rectangle is connected by a solid line to a dashed rectangle labeled CountryCodeISO. Below CountryCodeISO is a dashed rectangle labeled LocationPrimaryCode. Below LocationPrimaryCode is a dashed rectangle labeled PrimaryLocationName. Below PrimaryLocationName is a dashed rectangle labeled LocationSubsidiaryIdentification. The LocationSubsidiaryIdentification rectangle has a small square on its right side.
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**

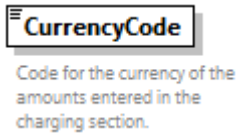
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation End of the charging section
source	<pre><xs:element name="End" type="LocationIdent">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

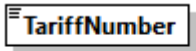
```


	<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**

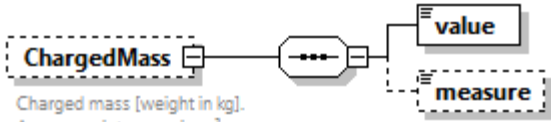
diagram	NHMCode NHM code determining the charges applicable.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	NHMCodeType									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>length</td>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

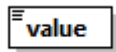
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>6</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	6	
Kind	Value	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**

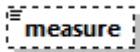
diagram	 Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	value measure
annotation	documentation Charged mass [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:element name="measure"> <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>

	<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	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>kg</td><td></td></tr><tr><td>enumeration</td><td>m2</td><td></td></tr><tr><td>enumeration</td><td>m3</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	kg		enumeration	m2		enumeration	m3	
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	ExchangeRate 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**

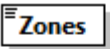
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	KM Zones
annotation	documentation Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.
source	<pre> <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>									

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

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	<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>		

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**

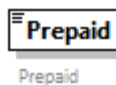
diagram	The diagram illustrates the structure of the AdditionalCharges element. It is a complex type with a multiplicity of 0..10. It contains a sequence of three elements: Code (Additional charges code), Prepaid (Prepaid), and Transferred (Transferred).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

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

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>									

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

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

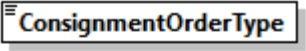
diagram	Transferred Transferred									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Money Type									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>18</td><td></td></tr><tr><td>fractionDigits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

element **ConsignmentOrderMessage/COMS/COM/WagonPreviousNumberFreight**

diagram	WagonPreviousNumberFreight 0..20 Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of WagonIdent												
properties	minOcc 0 maxOcc 20 content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>12</td><td></td></tr><tr><td>maxLength</td><td>12</td><td></td></tr><tr><td>pattern</td><td>[0-9]{12}</td><td></td></tr></table>	Kind	Value	Annotation	length	12		maxLength	12		pattern	[0-9]{12}	
Kind	Value	Annotation											
length	12												
maxLength	12												
pattern	[0-9]{12}												
annotation	documentation Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey												
source	<pre><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></pre>												

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

element **ConsignmentOrderType**

diagram	 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.		
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>

```

        <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> <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 **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-authorised 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 carriers/infrastructure managers involved)
	enumeration	12	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"> <xs:annotation> <xs:documentation>Authorized consignee (within the meaning of customs law)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

<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 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: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>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="26">
    <xs:annotation>
      <xs:documentation>Declaration for the transport of waste

```

	<pre>...</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 **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**

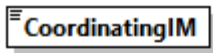
diagram	ContractNumber Number of agreement between LeadRU and Responsible RU									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><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:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ContractNumberMovement**

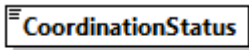
diagram	ContractNumberMovement Identifies the contract between LeadRU and RU involved in the transport									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><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	<pre><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></pre>

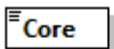
element **CoordinatingIM**

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	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	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> </xs:element></pre>		

element **Core**

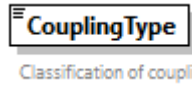
diagram	 It is the main part of identifier and is determent by the company that creates it.		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	content simple		
used by	complexType CompositIdentifierOperationalType CompositIdentifierPlannedType		
facets	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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of CountryIdentISO
properties	content complex
used by	elements RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber RollingRoadUnit/RollingRoadUnitDetails/Haulier LocationFileDatasetMessage RollingRoadUnit/RollingRoadUnitDetails/Vehicles complexTypees CustomerCode LocationIdent
facets	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																			
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																		
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></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 automatic coupling</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 automatic coupling
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:restriction> </xs:simpleType> </xs:element></pre>																		

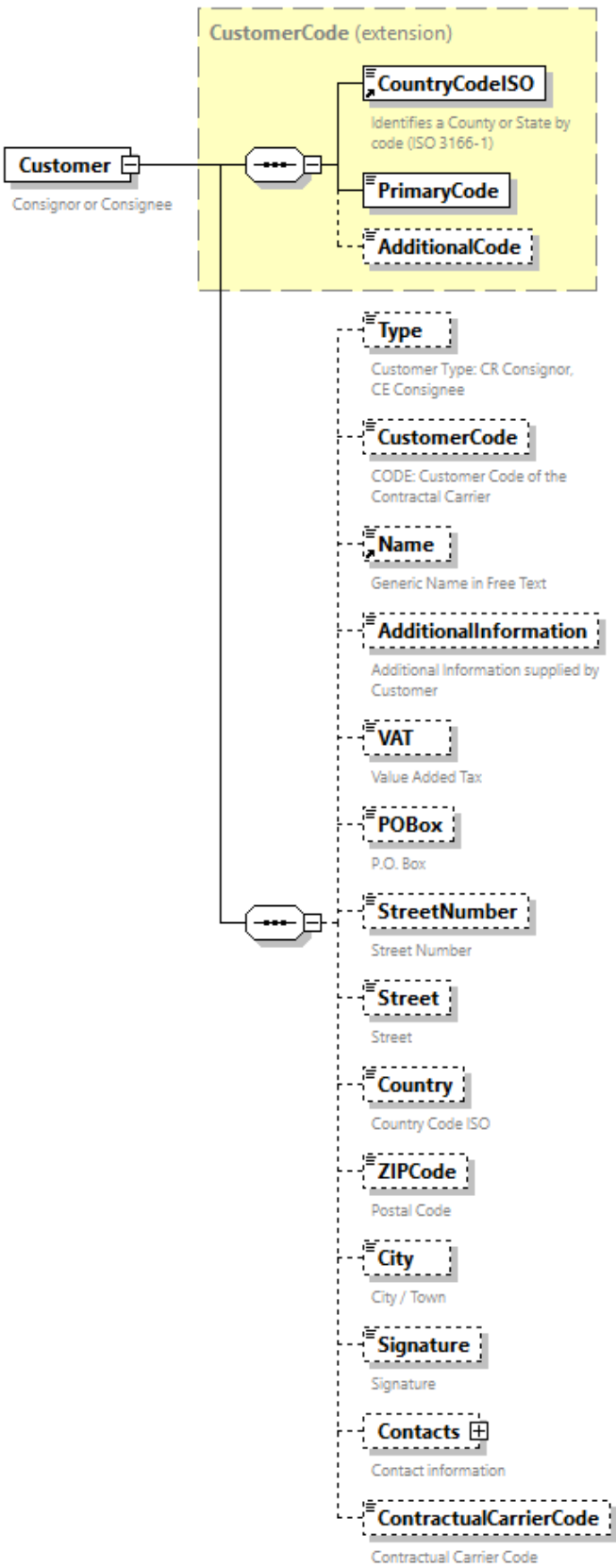
	<pre><xs:enumeration value="4"> <xs:annotation> <xs:documentation>automatic coupling</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **CreateDateTime**

diagram	 The diagram shows a box labeled 'CreateDateTime' with a small icon to its left. Below the box, the text 'Date and Time of creation of data' is displayed.
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 **Customer**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of CustomerCode
properties	content complex
children	CountryCodeISO PrimaryCode AdditionalCode Type CustomerCode Name AdditionalInformation VAT POBox StreetNumber Street Country ZIPCode City Signature Contacts ContractualCarrierCode
annotation	documentation Consignor or Consignee
source	<pre> <xs:element name="Customer"> <xs:annotation> <xs:documentation>Consignor or Consignee</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="CustomerCode"> <xs:sequence> <xs:element name="Type" minOccurs="0"> <xs:annotation> <xs:documentation>Customer Type: CR Consignor, CE Consignee</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CustomerCode" minOccurs="0"> <xs:annotation> <xs:documentation>CODE: Customer Code of the Contractal Carrier</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> <xs:element ref="Name" minOccurs="0"/> <xs:element name="AdditionalInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information supplied by Customer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="45"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

```

<xs:element name="VAT" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Value Added Tax</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>Street 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">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Country" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code ISO</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="2"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">

```

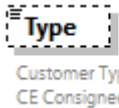
```

<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="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 name="Contacts" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Contact information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PhonNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Telephone Number</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="30"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="FaxNumber" minOccurs="0"/>
      <xs:element ref="eMail" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ContractualCarrierCode" minOccurs="0">

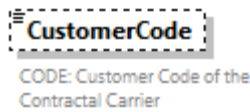
```

	<pre> <xs:annotation> <xs:documentation>Contractual Carrier Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **Customer/Type**

diagram	
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 CR enumeration CE
annotation	documentation Customer Type: CR Consignor, CE Consignee
source	<pre> <xs:element name="Type" minOccurs="0"> <xs:annotation> <xs:documentation>Customer Type: CR Consignor, CE Consignee</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Customer/CustomerCode**

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><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 CODE: Customer Code of the Contractal Carrier									
source	<pre><xs:element name="CustomerCode" minOccurs="0"> <xs:annotation> <xs:documentation>CODE: Customer Code of the Contractal Carrier</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 **Customer/AdditionalInformation**

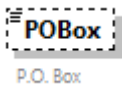
diagram	AdditionalInformation Additional Information supplied by Customer
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 45
annotation	documentation Additional Information supplied by Customer
source	<pre><xs:element name="AdditionalInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information supplied by Customer</xs:documentation></pre>

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="45"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Customer/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	Kind Value Annotation minLength 1 maxLength 25
annotation	documentation Value Added Tax
source	<pre> <xs:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>Value Added Tax</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 **Customer/POBox**

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 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 **Customer/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 Street Number
source	<pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Street 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 **Customer/Street**

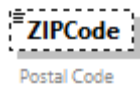
diagram	

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 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 **Customer/Country**

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 2
annotation	documentation Country Code ISO
source	<pre><xs:element name="Country" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code ISO</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Customer/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 **Customer/City**

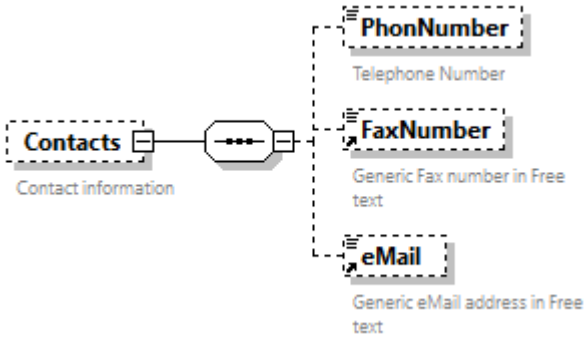
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation City / Town
source	<pre><xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City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

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

element **Customer/Signature**

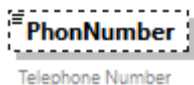
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Signature
source	<pre><xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature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

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

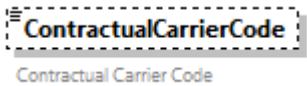
properties	minOcc 0 maxOcc 1 content complex
children	PhonNumber FaxNumber eMail
annotation	documentation Contact information
source	<pre> <xs:element name="Contacts" minOccurs="0"> <xs:annotation> <xs:documentation>Contact information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="PhonNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Telephone Number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="FaxNumber" minOccurs="0"/> <xs:element ref="eMail" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Customer/Contacts/PhonNumber**

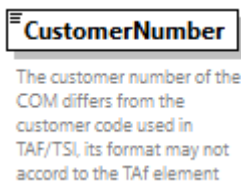
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 30
annotation	documentation Telephone Number
source	<xs:element name="PhonNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Telephone Number</xs:documentation> </xs:annotation> <xs:simpleType>

	<pre> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Customer/ContractualCarrierCode**

diagram	 The diagram shows a box labeled ContractualCarrierCode with a dashed border. Below the box, the text "Contractual Carrier Code" is written.
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 4
annotation	documentation Contractual Carrier Code
source	<pre> <xs:element name="ContractualCarrierCode" minOccurs="0"> <xs:annotation> <xs:documentation>Contractual Carrier Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CustomerNumber**

diagram	 The diagram shows a box labeled CustomerNumber with a dashed border. Below the box, the text "The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAF element" is written.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
used by	elements Customers LoadingFacility
facets	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**

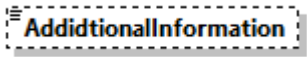
diagram	The diagram illustrates the structure of the Customers element. It is a container element that holds several attributes. The attributes are listed in a vertical sequence, each with a dashed border and a small icon in the top-left corner. The attributes are: CustomerType (Type of participation), 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), and AdministrativeContactInformation (Used to define administrative contact information). The Customers element itself is represented by a solid box with a small icon in the top-left corner and a description: "Information about the consignor, consignee and freight payers."
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 AdministrativeContactInformation
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="AdditionalInformation" 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="AdministrativeContactInformation"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **Customers/AddidtionallInformation**

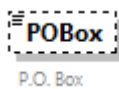
diagram	

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

element **Customers/VAT**

diagram	 VAT identification Nr of 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><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 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**

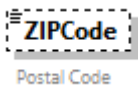
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	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	<pre><xs:element name="Country" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element></pre>

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	CustomerType Type of participation															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:token															
properties	content simple															
used by	element Customers															
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><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></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 **DangerLabel**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
used by	element RID complexType DanGoodsType		
facets	Kind enumeration	Value 1 1.4	Annotation documentation Explosive materials, divisions 1.1, 1.2 and 1.3 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	<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:enumeration value="4.2">
      <xs:annotation>
        <xs:documentation>Substances liable to spontaneous
combustion</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>

```

	<pre> <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> </pre>

```

        <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"/>
<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"/>

```

	<pre></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
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 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**

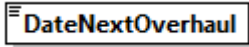
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date

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>

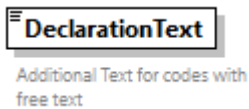
element **DatePutIntoService**

diagram	
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 **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	<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>1000</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	1000	
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

	enumeration	22	Signalling installations at level crossings documentation
	enumeration	23	Telecommunication installations documentation
	enumeration	24	Power supply equipment documentation
	enumeration	25	Track documentation
	enumeration	28	Structures documentation
	enumeration	29	Staff documentation
	enumeration	31	Other causes related to infrastructure installations documentation
	enumeration	30	Irregularities in execution of construction work documentation
	enumeration	32	Planned construction work documentation
	enumeration	39	Speed restrictions due to defective track documentation
	enumeration	40	Other causes related to Civil engineering documentation
	enumeration	41	Delay caused by next IM 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 the 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 trains by the RU documentation
	enumeration	63	Problems affecting coaches documentation
	enumeration	64	Problems affecting wagons documentation
	enumeration	68	Problems affecting traction units documentation
	enumeration	69	Staff documentation
	enumeration	70	Other causes related to Rolling Stock documentation

	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 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**

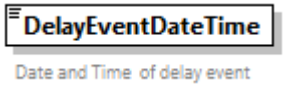
diagram	DelayCauseTime Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime) DelayCause Describes the reason for a delay DelayMinutes Identifies the delay (in minutes) of a train for a specified cause DelayEventDateTime 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:element ref="DelayCodingDateTime"/> <xs:element ref="Remarks"/> </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>

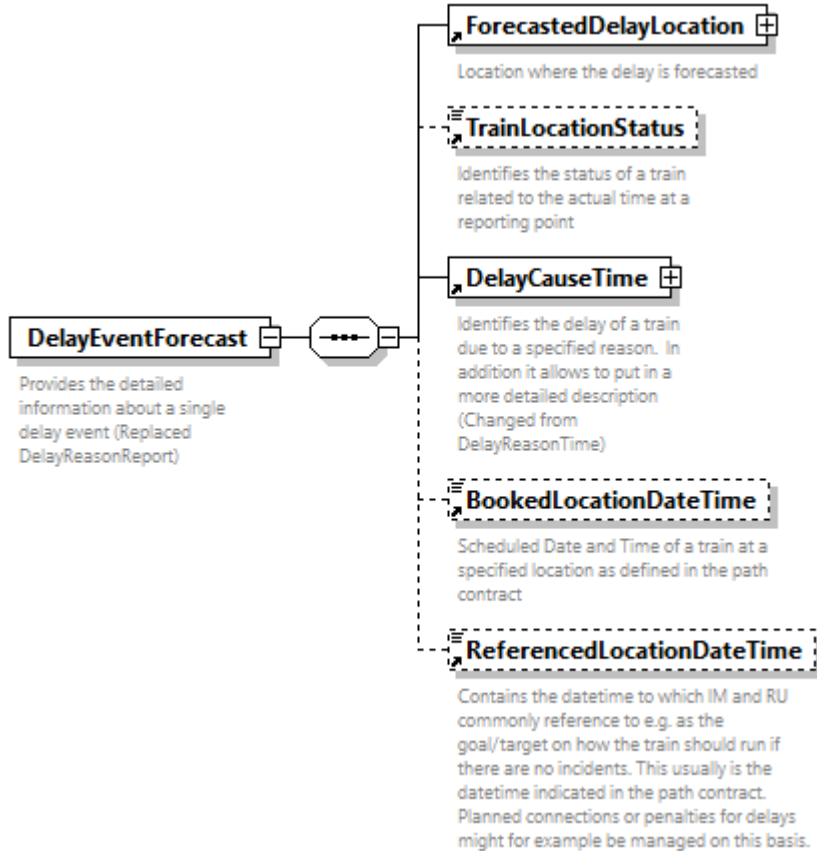
element **DelayEventDateTime**

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

```
<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:element ref="ReferencedLocationDateTime" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

	<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	The diagram shows the structure of the DelayEventReport element. It is a complex type containing several child elements: DelayLocation: Location where the Delay occurred TrainLocationStatus: Identifies the status of a train related to the actual time at a reporting point 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) 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. The DelayEventReport element is connected to a container element (represented by a circle with three dots) which then connects to the child elements.
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**

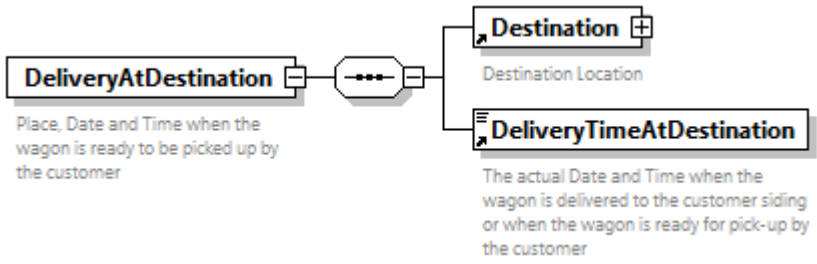
diagram	<pre> classDiagram class DelayLocation { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } class CountryCodeISO { "Identifies a County or State by code (ISO 3166-1)" } class LocationPrimaryCode { } class PrimaryLocationName { "Location Name in an offication language of the Country using the ISO Unicode alphabet" } class LocationSubsidiaryIdentification { "Code, Name and allocation company of Subsidiary Location" } DelayLocation --> CountryCodeISO DelayLocation --> LocationPrimaryCode DelayLocation --> PrimaryLocationName DelayLocation --> LocationSubsidiaryIdentification </pre>
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><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>5</td><td></td></tr></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	 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> </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 **DeliveryReference**

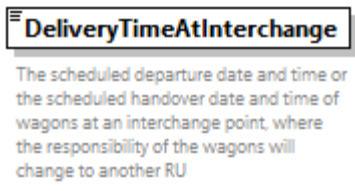
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:string		
properties	content	simple	
used by	elements	ILU Details ITU Details Wagons/WagonDetails	
facets	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>		

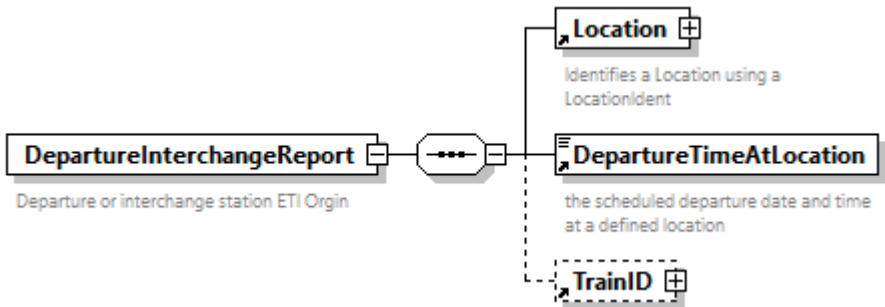
element **DeliveryTimeAtDestination**

diagram	
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 Orgin 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 Orgin
source	<pre><xs:element name="DepartureInterchangeReport"> <xs:annotation> <xs:documentation>Departure or interchange station ETI Orgin</xs:documentation> </xs:annotation></pre>

	<pre> <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. The CountryCodeISO element identifies a County or State by code (ISO 3166-1). The LocationPrimaryCode element is the primary code for the location. The PrimaryLocationName element is the location name in an official language of the country using the ISO Unicode alphabet. The LocationSubsidiaryIdentification element is the code, name, and allocation company of the 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 that contains 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	DepartureTrackAtLocation 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. LocationIdent 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 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 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 **Dimensions**

diagram	<pre> graph LR Dimensions[Dimensions
Dimensions of the UTI] --- Seq[...] Seq --- LengthCode[LengthCode
Length code according to UIC
leaflet 592-2] Seq --- Length[Length
Length of ITU] Seq --- Width[Width
Width of ITU] Seq --- Height[Height
Height of ITU] </pre>
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>

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><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>10</td><td></td></tr><tr><td>totalDigits</td><td>2</td><td></td></tr></tbody></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 **DriverIndication**

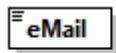
diagram	 Indicates if a driver is operating the rolling stock
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element UnitData
annotation	documentation Indicates if a driver is operating the rolling stock
source	<pre><xs:element name="DriverIndication" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates if a driver is operating the rolling stock</xs:documentation> </xs:annotation></pre>

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

element **DwellTime**

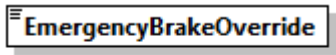
diagram	DwellTime The minimum duration of dwell time expressed in minutes						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:decimal						
properties	content simple						
used by	element TimingAtLocation						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>fractionDigits</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	fractionDigits	1	
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 **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 Customer/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 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	EmptyPackingCode 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	content simple																		
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>01</td><td>documentation EMPTY PACKAGING</td></tr><tr><td>enumeration</td><td>02</td><td>documentation EMPTY CONTAINER</td></tr><tr><td>enumeration</td><td>03</td><td>documentation EMPTY IBC</td></tr><tr><td>enumeration</td><td>04</td><td>documentation EMPTY LARGE PACKAGING</td></tr><tr><td>enumeration</td><td>05</td><td>documentation EMPTY TANK-VEHICLE</td></tr></table>	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
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	<pre> <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:restriction> </xs:simpleType> </xs:element> </pre>


```

</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: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>

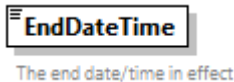
```

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

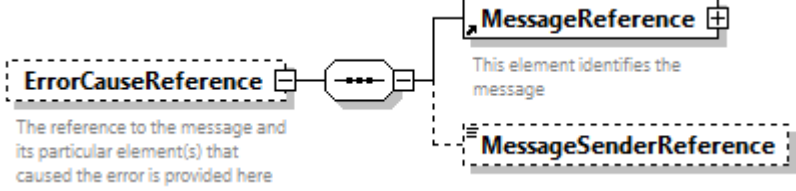
```

        <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 business 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: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"/>

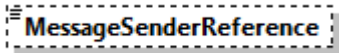
```

	<pre> </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 **ErrorMessage/ErrorCauseReference**

diagram	 The diagram shows the ErrorCauseReference element (dashed box) containing a sequence container (octagon) with two child elements: MessageReference (solid box) and MessageSenderReference (dashed box). A note points to MessageReference: "This element identifies the message".
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) 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></pre>

element **ErrorMessage/ErrorCauseReference/MessageSenderReference**

diagram	 The diagram shows the MessageSenderReference element (dashed box).
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	<code><xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/></code>

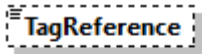
element **ErrorMessage/Error**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc unbounded content complex
children	TagReference TypeOfError Severity ErrorCode FreeTextField

source

```
<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 business 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: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>
```


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><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><tr><td>enumeration</td><td>2</td><td></td></tr></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	<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>

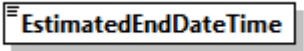
element **ErrorMessage/Error/Severity**

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	≡ 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. "									
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>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>									

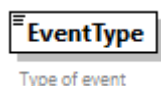
element **EstimatedEndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
source	<pre><xs:element name="EstimatedEndDateTime" 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><tr><td>pattern</td><td>[0-9]{12}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	12		maxLength	12		pattern	[0-9]{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	 Type of event						
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	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>10</td><td>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.)</td></tr></table>	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.)
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 physically handed over to the next RU) (enumeration 24 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:restriction> </xs:simpleType> </xs:element> </pre>

	<pre> <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: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 </pre>

	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> <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>

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><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 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"></pre>									

	<pre> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ExceptionalGaugingIdent**

diagram	
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
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 **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><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></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**

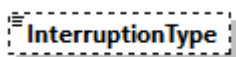
diagram	Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description WagonInterruptionReason InterruptionDescription The free text description of an interruption InterruptionType
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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**

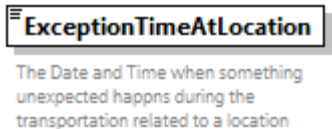
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:token												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>wagon damaged</td><td></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**

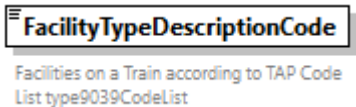
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	minOcc0 maxOcc1 contentsimple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>length</td><td>1</td><td></td></tr><tr><td>enumeration</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			
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	0 documentation Second-class, couchette, six-bed, C6 documentation Second class compartment with 6 couchettes documentation 0
	enumeration	65	0 documentation Second class couchette wheelchair documentation Second class couchette with wheelchair space documentation 0
	enumeration	66	0 documentation Executive class documentation A class with comfort level higher than first class documentation Trenitalia documentation 0
	enumeration	67	0 documentation Business class documentation First class documentation Trenitalia documentation 0
	enumeration	68	0 documentation Premium class documentation A second class with comfort level higher than normal second class documentation Trenitalia documentation 0
	enumeration	69	0 documentation Standard class documentation Trenitalia's normal second class documentation Trenitalia documentation 0
	enumeration	70	0 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:annotation> <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>
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</xs:enumeration>
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    <xs:documentation xml:lang="en" doc:docType="Description">First-class
seats</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
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doc:docType="Status">0</xs:documentation>
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      <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">
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        <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>
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couchettes</xs:documentation>
          <xs:documentation xml:lang="en" doc:docType="Description">Second-class
couchettes</xs:documentation>
          <xs:documentation xml:lang="en" doc:docType="Remark"/>
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doc:docType="Status">0</xs:documentation>
          </xs:annotation>
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            <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>
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</xs:enumeration>
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    <xs:annotation>
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        <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>
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    <xs:annotation>
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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">
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double</xs:documentation>
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sleeper, double</xs:documentation>
        <xs:documentation xml:lang="en" doc:docType="Remark"/>
        <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
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        <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"

```

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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>
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  <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>
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  </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>
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  <xs:annotation>
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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"

```



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    <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>
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  <xs:annotation>
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    <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>
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  <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>
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  <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"/>
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doc:docType="Status">0</xs:documentation>
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  <xs:annotation>

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```

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    <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>
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    <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"/>
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doc:docType="Status">0</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="45">
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    <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>
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    <xs:documentation xml:lang="en" doc:docType="Description">Pullman car
seats</xs:documentation>
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</xs:enumeration>
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  <xs:annotation>
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    <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>
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  <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>
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    <xs:documentation xml:lang="en" doc:docType="Description">Buffet
machine available</xs:documentation>
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doc:docType="Status">0</xs:documentation>
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comfort level higher than first class Business, etc</xs:documentation>
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Club, Pullman, </xs:documentation>
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  <xs:annotation>
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    <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>
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doc:docType="Status">0</xs:documentation>
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```

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    <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>
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doc:docType="Status">0</xs:documentation>
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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>
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doc:docType="Status">0</xs:documentation>
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WC</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Description">First-class
sleeper, double with shower and WC</xs:documentation>
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doc:docType="Remark">RENFE</xs:documentation>
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WC</xs:documentation>
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sleeper, T3, shower, WC</xs:documentation>
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double</xs:documentation>
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sleeper for two</xs:documentation>
    <xs:documentation xml:lang="en" doc:docType="Remark"/>
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doc:docType="Status">0</xs:documentation>

```

```

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shower/toilets</xs:documentation>
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sleeper for two with shower and toilets</xs:documentation>
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doc:docType="Status">0</xs:documentation>
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    </xs:enumeration>
    <xs:enumeration value="62">
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            <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>
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    </xs:enumeration>
    <xs:enumeration value="63">
        <xs:annotation>
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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"/>
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doc:docType="Status">0</xs:documentation>
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    </xs:enumeration>
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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"/>
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doc:docType="Status">0</xs:documentation>
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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"/>
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doc:docType="Status">0</xs:documentation>

```

```

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doc:docType="Remark">Trenitalia</xs:documentation>
            <xs:documentation xml:lang="en"
doc:docType="Status">0</xs:documentation>
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            <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>
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            <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>
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doc:docType="Status">0</xs:documentation>
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        <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 Customer/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 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 **FreeTextField**

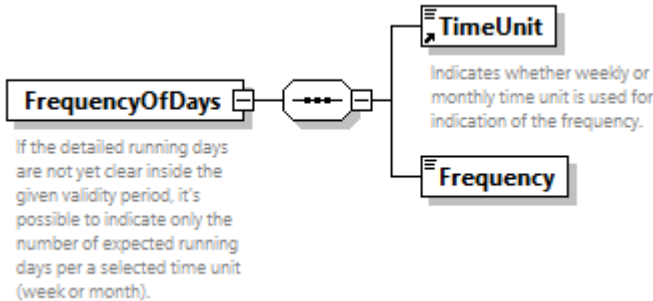
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	content simple
used by	elements AdministrativeContactInformation ErrorMessage/Error PassengerUnitRestriction/InternalFittingDefect ObjectInfoMessage OtherPassengerRestrictionOrDefect PassengerUnitRestriction/OtherPassengerRestrictionOrDefect PassengerTransportRestriction PassengerUnitRestriction/PassengerTransportRestriction PathCanceledMessage

	PathCoordinationMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PathSectionNotificationMessage PlannedJourneyLocation UnitData UpdateLinkMessage TrainActivityType									
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 Free Text									
source	<pre><xs:element name="FreeTextField" type="FreeText"> <xs:annotation> <xs:documentation>Free Text</xs:documentation> </xs:annotation> </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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

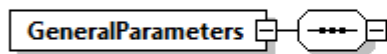
properties	content complex
children	TimeUnit Frequency
used by	complexType PlannedCalendarExtendedType
annotation	documentation If the detailed running days are not yet clear inside the given validity period, it's possible to indicate only the number of expected running days per a selected time unit (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 **GeneralParameters**

diagram



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

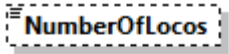
Indicates that an exceptional gauging is in the train or for the wagon - (true/false)

TiltingFunction

Indicates if a train uses a tilting system

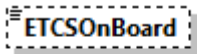
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NumberOfLocos PushPullTrain RollingStockType ETCSOnBoard CombinedTrafficLoadProfile DangerousGoodsIndicator ExceptionalGaugingInd TiltingFunction
used by	complexType PlannedLocationInfoType
source	<pre> <xs:element 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	 Without the knowledge of the exact traction details, this field is used to indicate the number of locos planned for the particular object.
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 Leaflet 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 Leaflet 920-2
source	<pre><xs:element name="GeographicalCoordinates" type="xs:string"> <xs:annotation> <xs:documentation>Longitude and latitude as defined in UIC Leaflet 920-2</xs:documentation> </xs:annotation> </xs:element></pre>

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

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**

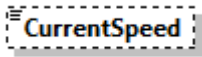
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	GeoLocalisation NetworkProjectedLocation
used by	elements InterruptionPoint TrainLocationReport
annotation	documentation Geolocalisation information crossed with network data.
source	<pre><xs:element name="GeoLocalisationOnNetwork"> <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**

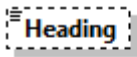
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	GeographicCoordinates CurrentSpeed Heading AntennaDistanceFromFrontOfTrain SignalQuality
used by	element GeoLocalisation
source	<pre> <xs:element name="GNSS_DynamicPosition"> <xs:complexType> <xs:sequence> <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> </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**

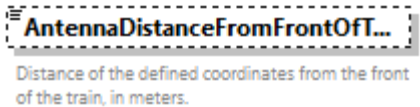
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	RunningSpeed
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive -999 maxInclusive 999
source	<pre><xs:element name="CurrentSpeed" type="RunningSpeed" minOccurs="0"/></pre>

element **GNSS_DynamicPosition/Heading**

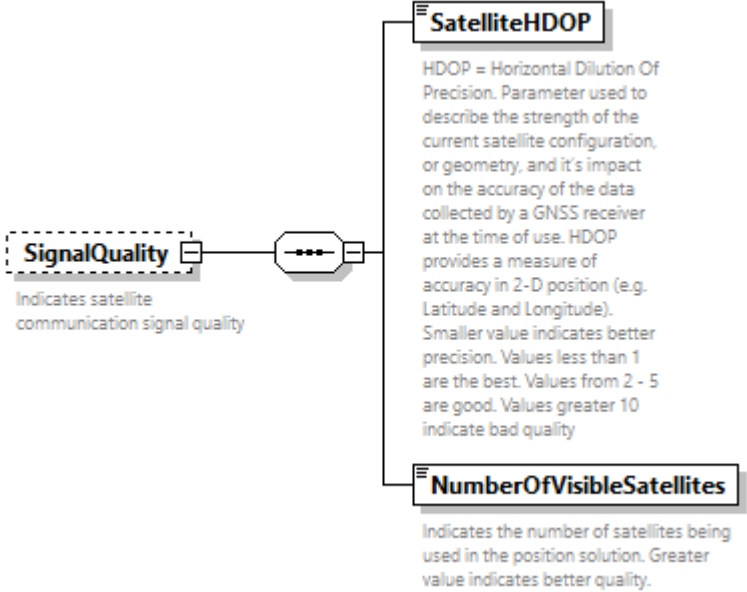
diagram	 Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)

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**

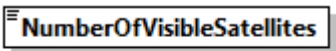
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	SatelliteHDOP NumberOfVisibleSatellites
annotation	documentation Indicates satellite communication signal quality
source	<pre> <xs:element name="SignalQuality" minOccurs="0"> <xs:annotation> <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>

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

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

Goods
Describes the goods inside the means of transport

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)

RID

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

RID_Checking

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").

Packing

Packing information

NHM_Code

NHM code of the goods

PreviousLoadedGood

GoodsDescription

This element describes the goods of the shipment as free text

AdditionalGoodInformation

Additional information regarding the loaded good, given by the customer.

GrossWeight

Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing

HS_Code

HS-Code for sensible goods (appendix 44c of ccbp) 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.

EWG_Key

Numeric key according to the European Waste Catalogue

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 Recommendation 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>

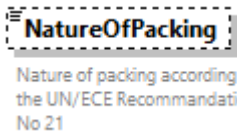
	<pre> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength 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>

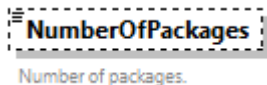
	<pre> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <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**

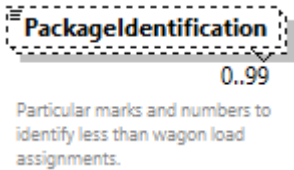
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1

	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>

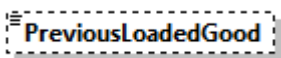
element **Goods/Packing/NumberOfPackages**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:int
properties	minOcc 0 maxOcc 1 content simple
facets	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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 99 content simple
facets	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	<pre><xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/></pre>

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	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>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><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>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**

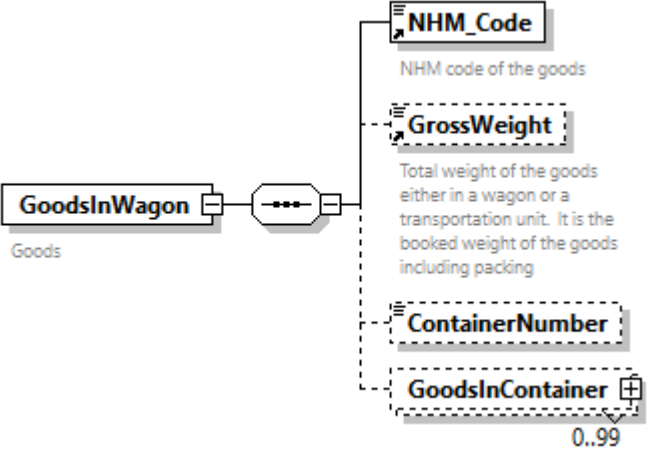
diagram	EWC_Key Numeric key according to the European Waste Catalogue
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc0 maxOcc1 contentsimple
facets	KindValueAnnotation minLength2 maxLength6 pattern\d*
annotation	documentation Numeric key according 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**

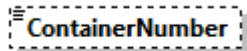
diagram	GoodsDescription This element describes the goods of the shipment as free text									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	elements Goods Wagons/GoodsInWagon									
facets	<table><tr><td>Kind</td><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 **GoodsInWagon**

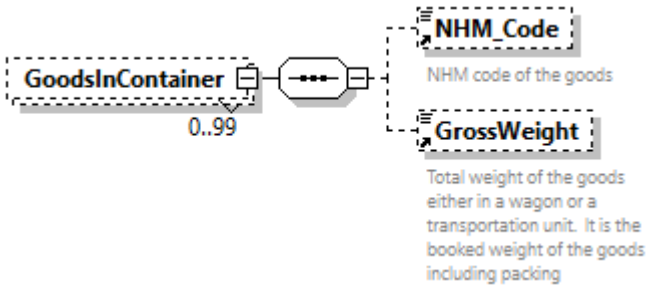
diagram	 The diagram shows the GoodsInWagon element (labeled 'Goods') connected to a complex structure of sub-elements: NHM_Code (labeled 'NHM code of the goods'), GrossWeight (labeled 'Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing'), ContainerNumber, and GoodsInContainer (labeled '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	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>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	 The diagram shows a dashed box labeled GoodsInContainer with a multiplicity of 0..99. Inside this box is a sequence of two elements: NHM_Code and GrossWeight. The NHM_Code element is described as "NHM code of the goods". The GrossWeight element is described as "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
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												
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> <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 <code></xs:documentation></code> <code></xs:annotation></code> <code></xs:element></code>

element **HandBrake**

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

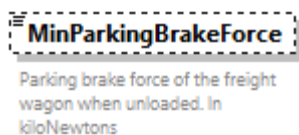
	<pre> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

	<pre> </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**

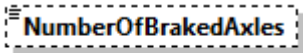
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ParkingBrakeForceType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 4 fractionDigits 1
annotation	documentation Parking brake force of the freight wagon when unloaded. In kiloNewtons
source	<pre><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**

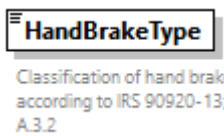
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ParkingBrakeForceType
properties	minOcc 0 maxOcc 1

	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>4</td><td></td></tr><tr><td>fractionDigits</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	4		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	4									
fractionDigits	1									
annotation	documentation Maximum parking brake force of the freight wagon when loaded. In kiloNewtons									
source	<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>									

element **HandBrake/ParkingBrakeForces/NumberOfBrakedAxles**

diagram	 Number of axes on which the parking brake acts.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric2-2									
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><th>Kind</th><th>Value</th><th>Annotation</th></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 axes 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 axes on which the parking brake acts.</xs:documentation> </xs:annotation> </xs:element></pre>									

element **HandBrakeType**

diagram	 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

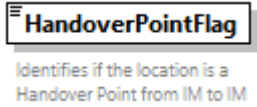
properties	content	simple
used by	elements	HandBrake UnitTechnicalData WagonTechData
facets	Kind	Value Annotation enumeration 0 documentation No hand brake enumeration 1 documentation Ground-operated hand brake enumeration 2 documentation Platform-operated hand brake
annotation	documentation	Classification 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 **HandlingInstruction**

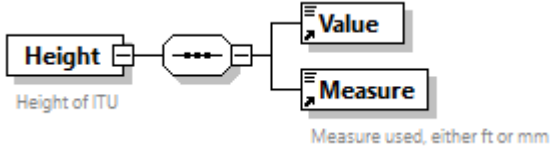
diagram	☰ HandlingInstruction Special instructions regarding the handling of the wagon or shipment in free text						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	FreeText						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr>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

	maxLength 255
annotation	documentation Special instructions regarding the handling of the wagon or shipment in free text
source	<pre> <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> </xs:element> </pre>

element **HandoverPointFlag**

diagram	
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 **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> </pre>

	<pre> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </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**

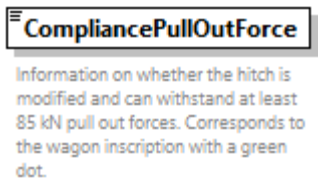
diagram	Hitch Information on the hitches of container wagons in terms of pull out forces and the maintenance regime HitchID Unique number of the hitch for identification reasons CompliancePullOutForce Information on whether the hitch is modified and can withstand at least 85 kN pull out forces. Corresponds 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	
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	
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	

	</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>

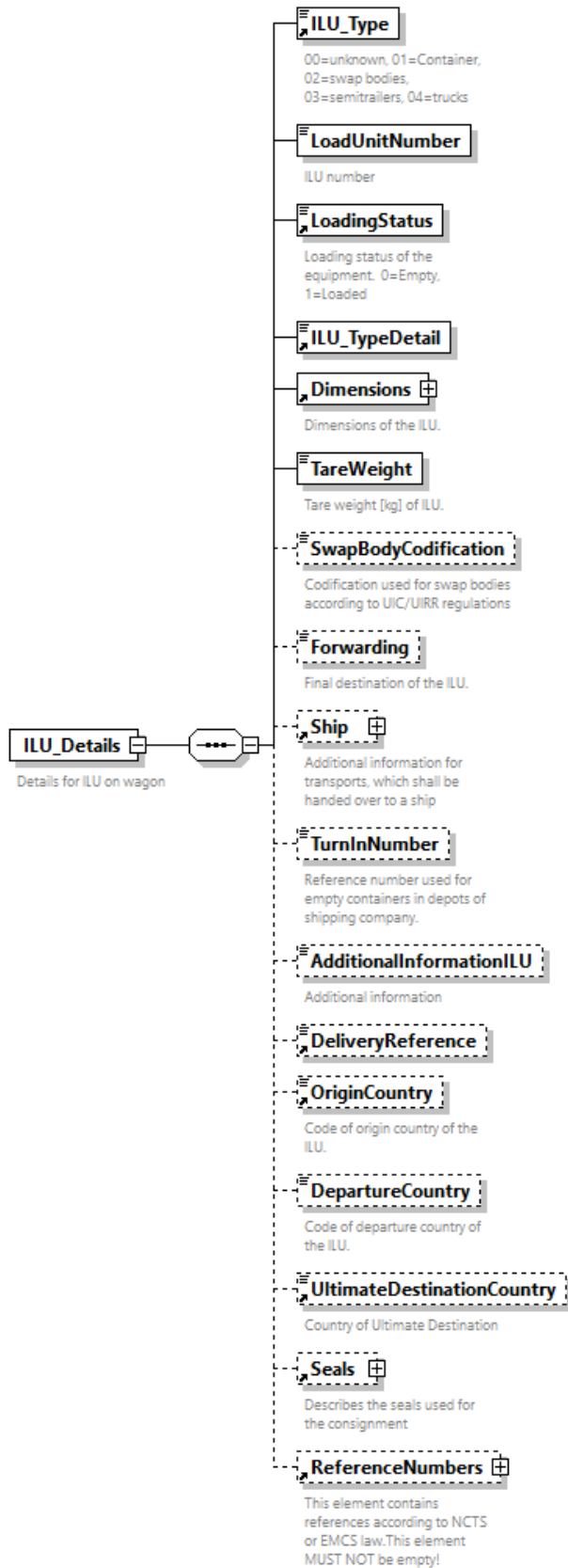
element ILU

diagram	The diagram illustrates the structure of the ILU element. The ILU element is a container for the ILU_Details element. ILU_Details is a complex type containing three sub-elements: LoadingTackles (0..99), Goods (0..99), and SummaryOfGoodsWithSameR... (0..25). The LoadingTackles element describes the loading tackles used inside the unit. The Goods element describes the goods inside the means of transport. The SummaryOfGoodsWithSameR... 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 .
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_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 AdditionalInformationILU 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>

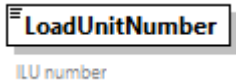

```

<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	
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}
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			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	WeightValueKilo		
properties	content	simple	
facets	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 contentsimple									
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**

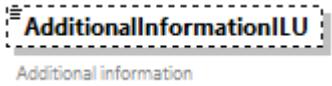
diagram	≡ Forwarding Final destination of the ILU.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 80
annotation	documentation Final destination of the ILU.
source	<xs:element 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	<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									
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**

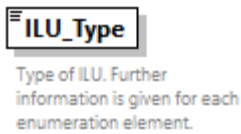
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

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>

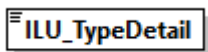
element **ILU_Details/DepartureCountry**

diagram	
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 Code of departure country of the ILU. 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 ILU.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> </xs:element></pre>

element **ILU_Type**

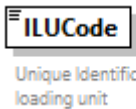
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	TypeOfLoadUnitType		
properties	content	simple	
used by	element	ILU_Details	
facets	Kind	Value	Annotation
	enumeration	00	documentation unknown
	enumeration	01	documentation Container
	enumeration	02	documentation swap bodies
	enumeration	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			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of LoadUnitNumberType		
properties	content	simple	
used by	element	ILUDataQueryMessage/ILUQuery	
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="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	
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> </pre>


```

</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: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>

```

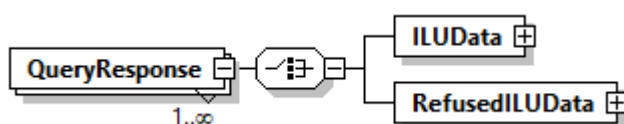
```

</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 deactivation or deletion by the ILU
keeper</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:choice>
</xs:complexType>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element ILUDataMessage/QueryResponse

diagram



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> <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: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>

```

```

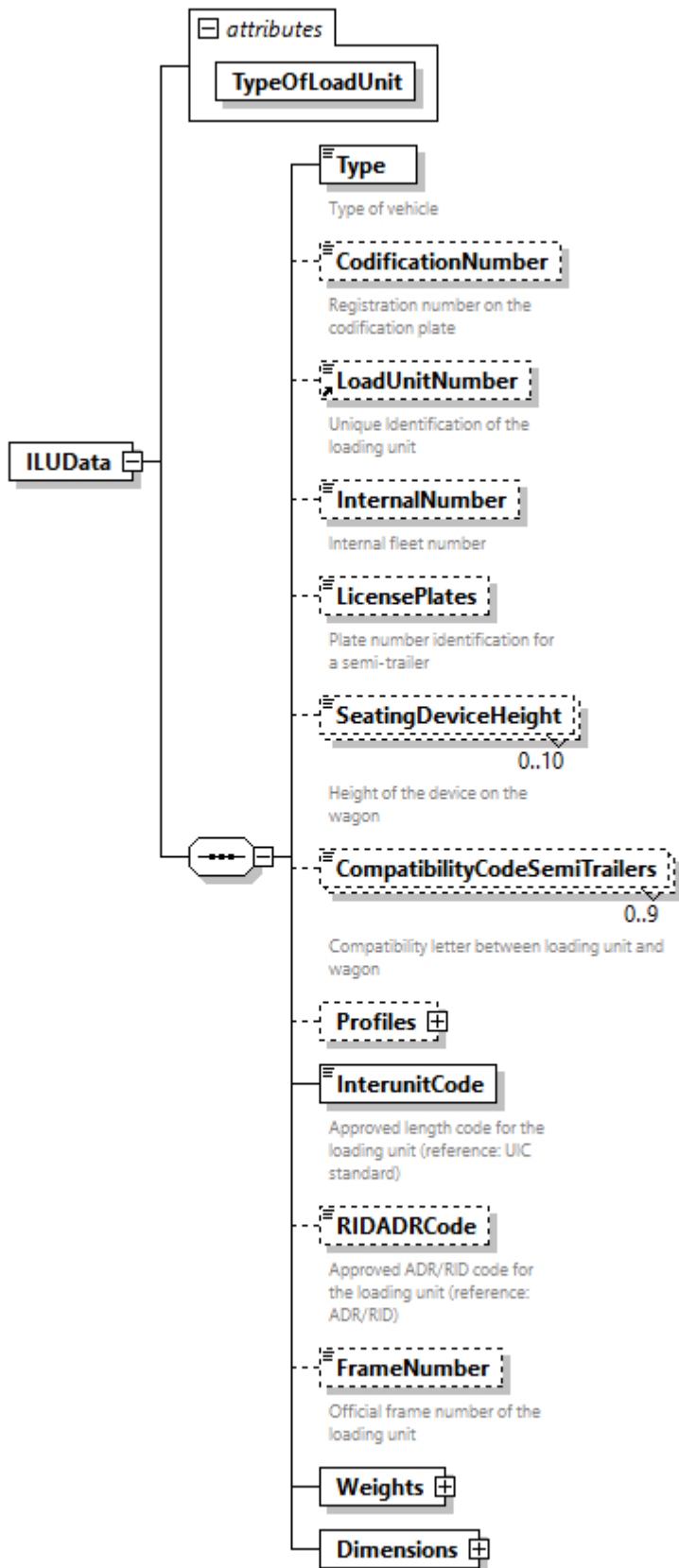
        <xs:simpleType>
          <xs:restriction base="xs:decimal">
            <xs:minInclusive value="2400"/>
            <xs:maxInclusive value="2600"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Height">
        <xs:annotation>
          <xs:documentation>Total 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: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><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> </xs:sequence> </xs:complexType> </xs:element> </xs:choice> </xs:complexType> </xs:element></pre>

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 RIDADRCODE 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>

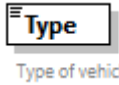
```

	<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**

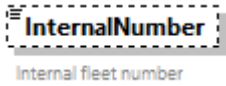
diagram	 <pre> classDiagram class Type { } note for Type "Type of vehicle" </pre>

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**

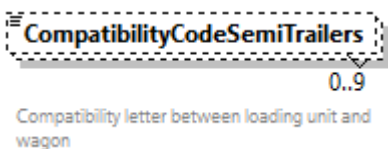
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 50
annotation	documentation Plate number identification for a semi-trailer
source	<pre><xs:element name="LicensePlates" minOccurs="0"> <xs:annotation> <xs:documentation>Plate number identification for a</pre>

	<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	SeatingDeviceHeight 0..10 Height of the device on the wagon									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	minOcc0 maxOcc10 contentsimple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>10</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></tbody></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 cardinality of 0..9. Below the box, the text "Compatibility letter between loading unit and wagon" is written.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

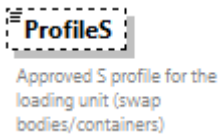
properties	minOcc 0 maxOcc 9 content simple
facets	Kind Value Annotation length 1 pattern [a-z]
annotation	documentation Compatibility letter between loading unit and wagon
source	<pre> <xs:element name="CompatibilityCodeSemiTrailers" minOccurs="0" maxOccurs="9"> <xs:annotation> <xs:documentation>Compatibility 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**

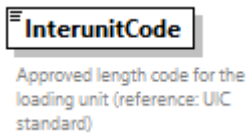
diagram	ProfileC Approved C profile for the loading unit (swap bodies/containers)															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	minOcc 0 maxOcc 1 content simple															
facets	<table><thead><tr><th>Kind</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><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>[P]\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	[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**

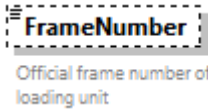
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:int
properties	content simple

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>									

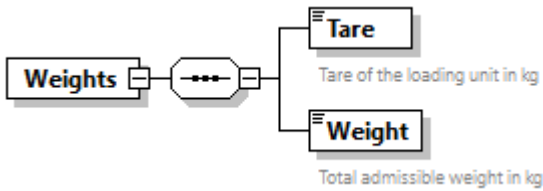
element **ILUDataMessage/QueryResponse/ILUData/RIDADRCode**

diagram	</

element **ILUDataMessage/QueryResponse/ILUData/FrameNumber**

diagram	
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>

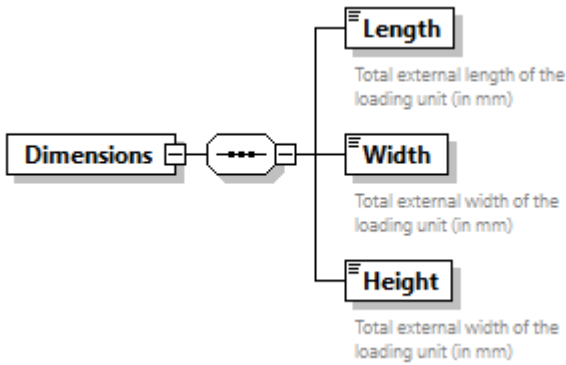
element **ILUDataMessage/QueryResponse/ILUData/Weights/Tare**

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**

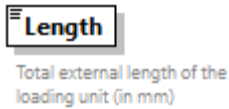
diagram	≡ Weight Total admissible weight in kg												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of WeightValueKilo												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</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

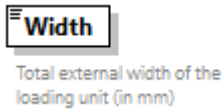
source	<pre> <xs:element name="Dimensions"> <xs:complexType> <xs:sequence> <xs:element name="Length"> <xs:annotation> <xs:documentation>Total external length of the loading unit (in mm)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="2000"/> <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

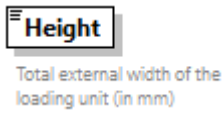
properties	content simple
used by	elements Dimensions TractionDetails complexType DimensionValue
facets	Kind Value Annotation minInclusive 2000 maxInclusive 17000
annotation	documentation Total external length of the loading unit (in mm)
source	<pre> <xs:element name="Length"> <xs:annotation> <xs:documentation>Total 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**

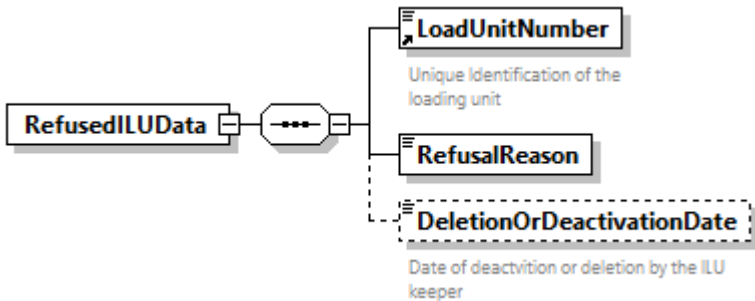
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:decimal
properties	content simple
used by	element Dimensions complexType DimensionValue
facets	Kind Value Annotation minInclusive 2400 maxInclusive 2600
annotation	documentation Total external width of the loading unit (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>

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

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	
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: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												
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 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	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> </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>

```

```

        <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> <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 **InformationToBeDisplayed**

diagram			
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"/> <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:restriction> </xs:simpleType> </xs:element> </pre>

	<pre> <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 **IntermediateDestination**

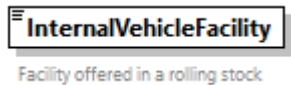
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element NextIntermediateDestination
annotation	documentation A location on the route of a train
source	<pre><xs:element name="IntermediateDestination" type="LocationIdent"></pre>

	<pre> <xs:annotation> <xs:documentation>A location on the route of a train</xs:documentation> </xs:annotation> </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	<xs:element name="InternalReferenceIdentifier" type="FreeText"> <xs:annotation> <xs:documentation>The link to the IM System Reference</xs:documentation> </xs:annotation> </xs:element>									

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	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>01</td><td>documentation PRM (generic): Equipements for PRM</td></tr><tr><td>enumeration</td><td>02</td><td>documentation PRM: number of equipments</td></tr><tr><td>enumeration</td><td>03</td><td>documentation PRM: fit for wheelchair</td></tr><tr><td>enumeration</td><td>04</td><td>documentation PRM: adapted toilets</td></tr><tr><td>enumeration</td><td>10</td><td>documentation</td></tr></tbody></table>	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 PRM: adapted toilets	enumeration	10	documentation
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 PRM: adapted toilets																	
enumeration	10	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> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

	<pre> <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> </pre>

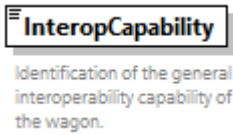
```

<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation xml:lang="en">Number of 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">
  <xs:annotation>
    <xs:documentation xml:lang="en">Lounge first class</xs:documentation>

```

	<pre> </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			
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 **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	☰ InterruptionDescription The free text description of an interruption									
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	<xs:element name="InterruptionDescription" type="FreeText"> <xs:annotation> <xs:documentation>The free text description of an interruption</xs:documentation> </xs:annotation> </xs:element>									

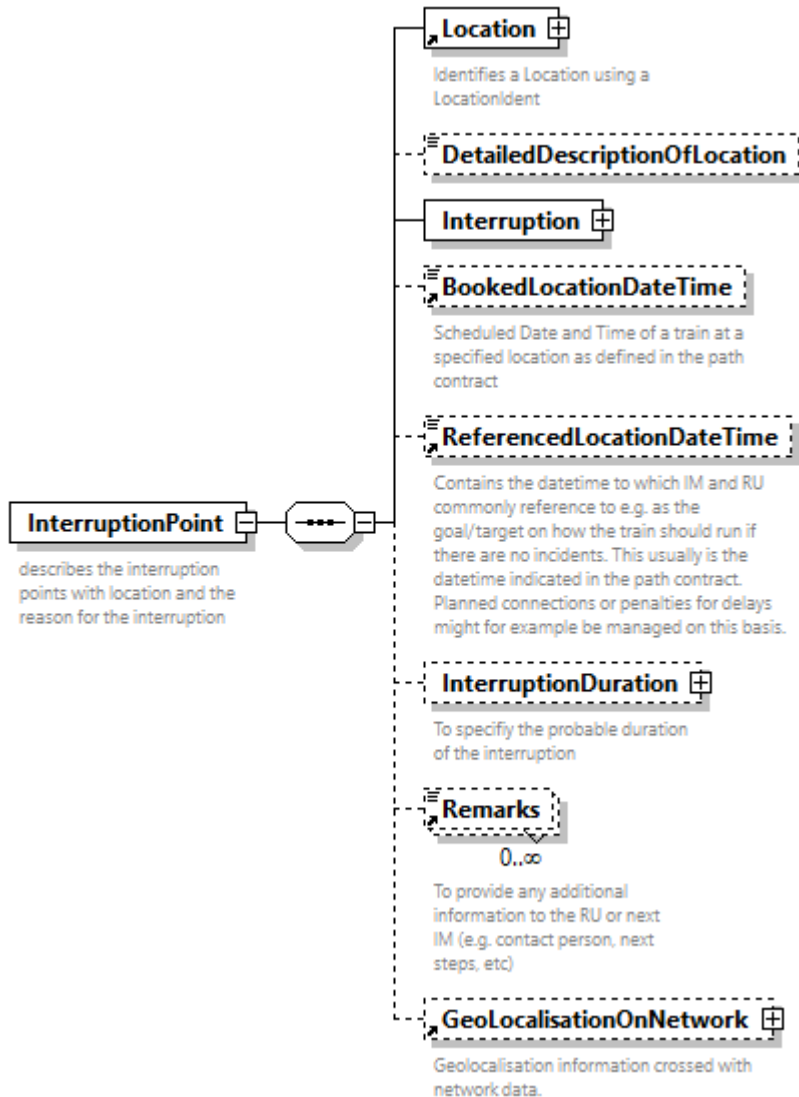
element **InterruptionInformation**

diagram	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. InterruptionDescription The free text description of an interruption InterruptionDateTime Date and Time when the Train was interrupted InterruptionReason This element identifies the reason for an interruption of the train running InternalReferenceIdentifier The link to the IM System Reference
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 (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> </pre>

```
</xs:complexType>
</xs:element>
```

element **InterruptionPoint**

diagram



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

```
<xs:element name="InterruptionPoint">
  <xs:annotation>
```

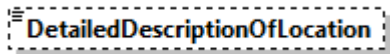
```

    <xs:documentation>describes the interruption points with location and the
    reason for the interruption</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <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="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>
      <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:sequence>
  </xs:complexType>

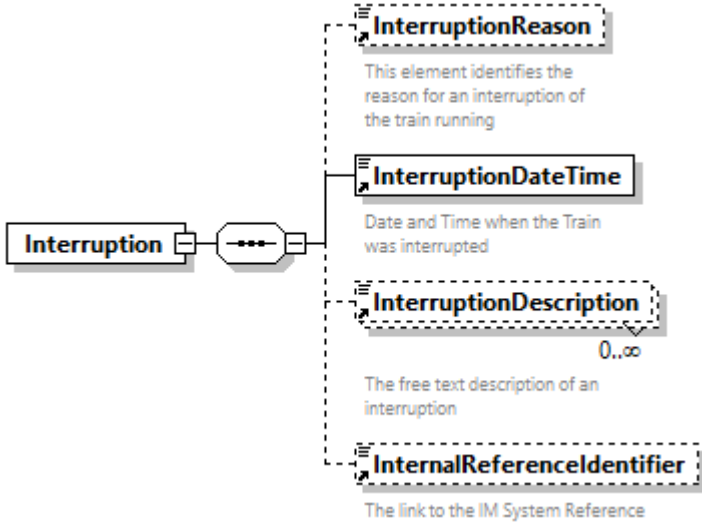
```


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

element **InterruptionPoint/DetailedDescriptionOfLocation**

diagram										
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									
source	<xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/>									

element **InterruptionPoint/Interruption**

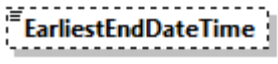
diagram	 A diagram showing the structure of the Interruption element. On the left is a box labeled 'Interruption'. A line connects it to a connector box (a rectangle with a circle in the middle). From the connector box, a dashed line branches out to four child elements, each in a dashed box: 'InterruptionReason' (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"/> </pre>

	<pre> <xs:element ref="InterruptionDateTime"/> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </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	 Forecasted earliest 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 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	 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	 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 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 an interruption of the train running
source	<xs:element name="InterruptionReason" type="DelayCode">	

	<pre> <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**

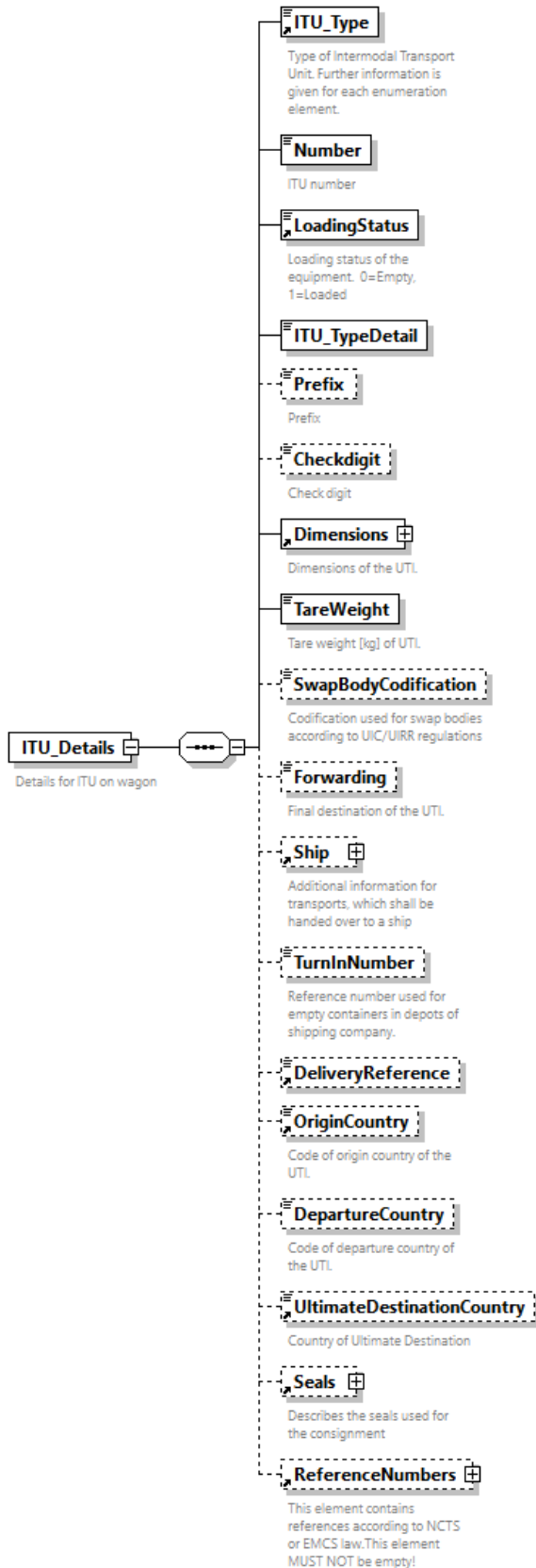
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Origin Destination Association
used by	element UnitData
annotation	documentation Itinerary of a rolling stock incorporated in the considered train
source	<pre> <xs:element name="ItineraryOfUnit"> <xs:annotation> <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	ITU Describes the type and content of an IntermodalTransportUnit ITU_Details Details for Intermodal Transport Unit on wagon Goods 1..99 Describes the goods inside the means of transport SummaryOfGoodsWithSameRID 0..25 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
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> </xs:sequence> </xs:complexType> </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">

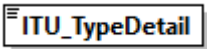
```

	<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	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 UTI.												
source	<pre><xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of UTI.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ITU_Details/SwapBodyCodification**

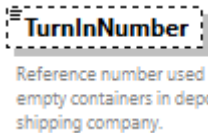
diagram	≡ SwapBodyCodification Codification used for swap bodies according to UIC/UIRR regulations
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc0 maxOcc1 contentsimple
facets	KindValueAnnotation minLength3 maxLength4
annotation	documentation Codification 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**

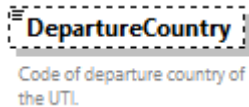
diagram	Forwarding Final destination of the UTL
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc0 maxOcc1 content simple
facets	KindValueAnnotation minLength1 maxLength80
annotation	documentation Final destination of the UTL.
source	<pre><xs:element name="Forwarding" minOccurs="0"> <xs:annotation> <xs:documentation>Final destination of the UTL.</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**

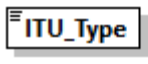
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

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>

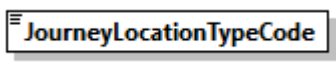
element **ITU_Details/DepartureCountry**

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	 Type of ITU. Further information is given for each enumeration element.		
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	JourneySectionOrigin JourneySectionDestination ResponsibilityActualSection ResponsibilityNextSection
used by	element 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	
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**

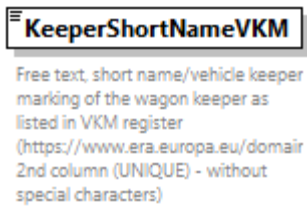
diagram	The diagram illustrates the structure of the JourneySectionOrigin element. It is an extension of the LocationIdent element. The LocationIdent element contains four child elements: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an official language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location). The JourneySectionOrigin element (Origin of the section on which train composition is unchanged) extends LocationIdent and includes an additional child element, 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 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>

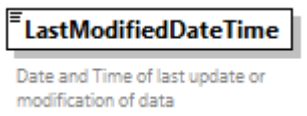
element **Keeper**

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 **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	Lead Railway Undertaking												
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	<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 Lead Railway Undertaking												
source	<pre><xs:element name="LeadRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Lead Railway Undertaking</xs:documentation></pre>												

	<pre></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 **LengthOfSetOfCarriages**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric4-4
properties	content simple
used by	element PlannedTrainTechnicalData
facets	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 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> </pre>

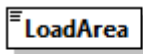
element **LengthOverBuffers**

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									
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 **LivestockOrPeopleIndicator**

diagram	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.'									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainCompositionJourneySection									
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 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.'									
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--></pre>									

element **LoadArea**

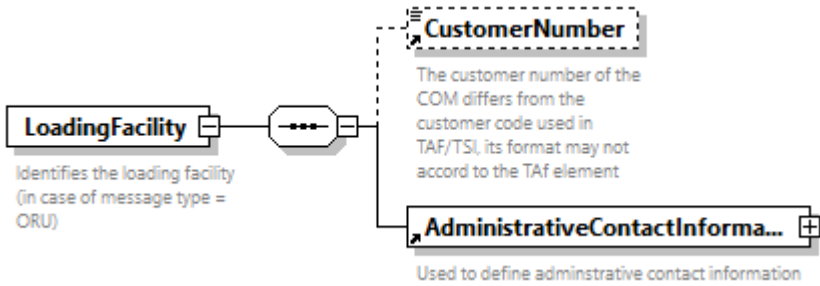
diagram	 Payload Area - measured in M2
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:decimal

properties	content	simple
used by	element	RollingStockDataset/DesignDataSet
facets	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										
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><th>Kind</th><th>Value</th><th>Annotation</th></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 **LoadingFacility**

diagram	 The diagram shows the LoadingFacility element (rectangle) with an annotation: "Identifies the loading facility (in case of message type = ORU)". It is connected via a sequence connector (oval with four dots) to two child elements: CustomerNumber (dashed rectangle) and AdministrativeContactInforma... (rectangle). The CustomerNumber element has an annotation: "The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAF element". The AdministrativeContactInforma... element has an annotation: "Used to define administrative contact information".
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	

	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 **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									
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"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LoadingTackles**

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

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

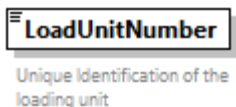
	<pre> </xs:restriction> </xs:simpleType> </xs:element> </pre>

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:enumeration value="3"></pre>															

	<pre> <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	
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 ConsignmentOrderMessage/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	
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	
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	LocationFileDatasetMessage Used to Create, Modify or Update the LocationIdent Reference File MessageHeader Used for all messages MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion CountryCodeISO Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode ValidityPeriod LocationPrimaryInformation Required for Primary Location Add, Update, of a Location Primary Code LocationSubsidiaryInformation Required for Add, Update of a Location Subsidiary Code (modified to global element)
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	LocationModified This element shows the Location that has been changed for the train run 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 Identifies the status of a train related to the actual time at a reporting point 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
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 **LocationPlannedTrack**

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

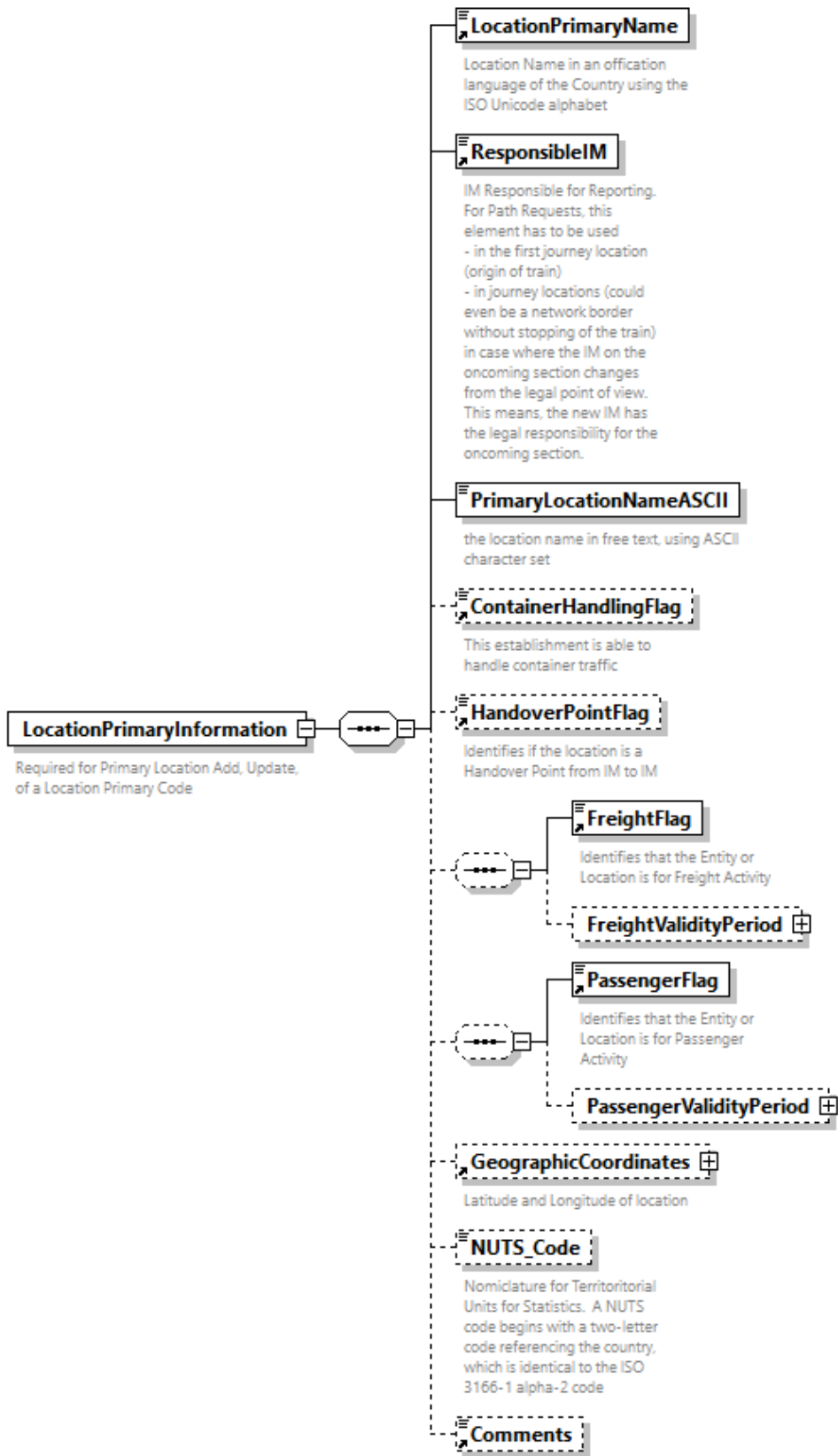
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element ChangeOfTrackMessage
source	<code><xs:element name="LocationPlannedTrack" type="LocationIdent"/></code>

element **LocationPrimaryCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	Numeric1-5		
properties	content simple		
used by	element	LocationFileDatasetMessage	
	complexType	LocationIdent	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
source	<code><xs:element name="LocationPrimaryCode" type="Numeric1-5"/></code>		

element **LocationPrimaryInformation**

diagram



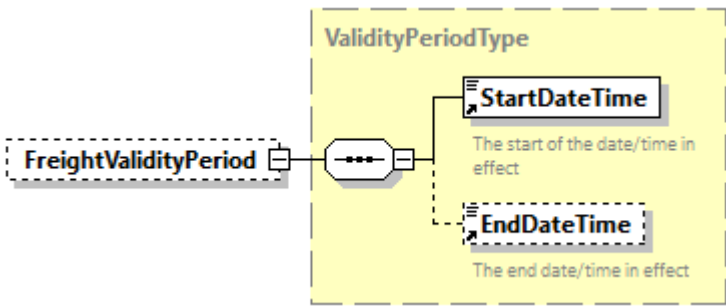
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LocationPrimaryName ResponsibleIM PrimaryLocationNameASCII ContainerHandlingFlag HandoverPointFlag FreightFlag FreightValidityPeriod PassengerFlag PassengerValidityPeriod GeographicCoordinates NUTS Code Comments
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	 The diagram shows the FreightValidityPeriod element (dashed box) connected to a ValidityPeriodType complex type (yellow dashed box). Inside ValidityPeriodType, there are two elements: StartDateTime (solid box) and EndDateTime (dashed box). The StartDateTime element has the annotation "The start of the date/time in effect". The EndDateTime element has the annotation "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**

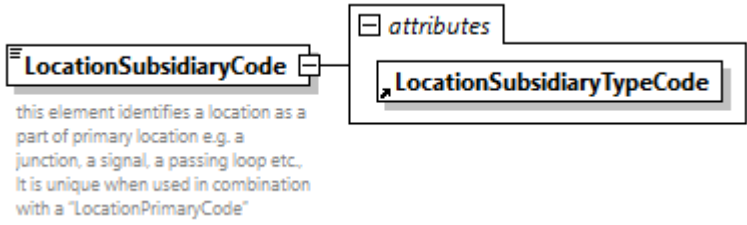
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple

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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
used by	element LocationPrimaryInformation
annotation	documentation Location Name in an official language of the Country using the ISO Unicode alphabet
source	<pre><xs:element name="LocationPrimaryName"> <xs:annotation> <xs:documentation>Location Name in an official language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre>

element **LocationSubsidiaryCode**

diagram	
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 { 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" } 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 } </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	The diagram shows the structure of the LocationSubsidiaryInformation element. It is a container element (rectangle with a small square in the top-left corner) containing a sequence of child elements (indicated by a dashed line and a small circle with four dots). The child elements are: LocationSubsidiaryCode: A solid rectangle with a small square in the top-left corner. Description: "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"" LocationSubsidiaryName: A solid rectangle with a small square in the top-left corner. Description: "To be completed in an official language of the Country using the ISO Unicode alphabet" AllocationCompany: A solid rectangle with a small square in the top-left corner. Description: "Name of company who is responsible for allocation and maintenance of codes" Comments: A dashed rectangle with a small square in the top-left corner. GeographicCoordinates: A dashed rectangle with a small square in the top-left corner. Description: "Latitude and Longitude of location" ValidityPeriod: A solid rectangle with a small square in the top-left corner. The LocationSubsidiaryInformation element is described as: "Required for Add, Update of a Location Subsidiary Code (modified to global element)"
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 LocationSubsidiaryIdentification LocationSubsidiaryInformation									
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 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 **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> <xs:restriction base="xs:string"> <xs:maxLength value="12"/> <xs:minLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LocoTypeNumber**

diagram	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 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 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> </pre>

```

<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">
    <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"/>

```

	<pre> <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> </pre>

element **LocoTypeNumber/TypeCode1**

diagram	 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	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	<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>[0-9]</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	1		whiteSpace	replace		pattern	[0-9]	
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></pre>															

	<pre> <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>

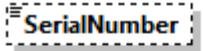
element **LocoTypeNumber/CountryCode**

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><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><tr><td>whiteSpace</td><td>replace</td><td></td></tr><tr><td>pattern</td><td>[0-9]{2}</td><td></td></tr></tbody></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>															

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

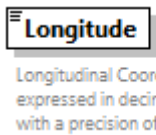
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 3 maxLength 3 whiteSpace replace pattern [0-9]{3}
annotation	documentation Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.
source	<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>

element **LocoTypeNumber/ControlDigit**

diagram	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
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 **Longitude**

diagram	
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 **MaxAxleWeight**

diagram	
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									
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	<pre><xs:element name="MaxDesignSpeed"> <xs:annotation> <xs:documentation>Maximum approved speed of the wagon (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	MaxGrossWeight Weight of max Gross Load Weight plus the tare weight of the equipment												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
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>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 max Gross Load Weight plus the tare weight of the equipment												
source	<pre><xs:element name="MaxGrossWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Weight of max Gross Load Weight plus the tare weight of the equipment</xs:documentation> </xs:annotation> </xs:element></pre>												

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

	<pre> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **MaxTemp**

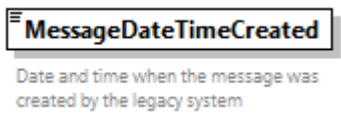
diagram	MaxTemp Maximum Temperature in °Celsius									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet/TemperatureRange									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>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 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>

element **MessageDateTimeCreated**

diagram	 The diagram shows a box labeled MessageDateTimeCreated with a description below it: "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	
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 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></pre>

	<pre> <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	MessageIdentifier Identification of the Message									
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	documentation Identification of the Message									
source	<xs:element name="MessageIdentifier" type="FreeText"> <xs:annotation> <xs:documentation>Identification of the Message</xs:documentation> </xs:annotation> </xs:element>									

element **MessageReference**

diagram



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
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
TrainForecastAtReportingLocation

4004
TrainRunningForecastMessage
4005
TrainRunningInformationMessage

4006
TrainRunningInterruptionMessage

4500
PassengerTrainCompositionMessage

-- sector message (Operations) --
4501
RollingStockRestrictionMessage

4504
ChangeOfTrackMessage
4505
TrainJourneyModificationMessage

4506
TrainForecastedDelayCauseMessage

4510
RunningStatusReportMessage
-- sector message end --

5001
AlertMessage
5006
WagonETI_ETM_Message

-- sector message (Wagon interchange) --
5008
WagonInterchangeNoticeMessage

5012
WagonReceivedAtInterchange

5013
WagonRefusedAtInterchange

-- sector message end --
5020
WagonStatusMessage

6002
LocationFileDatasetMessage
6003
RollingStockDatasetMessage
6005
ILUDataQueryMessage
6006
ILUDataMessage

-- sector (RU-RU) ---
5300
WagonPerformanceMessage
-- sector end ---

6004
RollingStockDatasetQueryMessage

-- Sector Messages TCR begin --
6500
TCRMessage
6501
TCRResponseMessage
6502
TCRCancelledMessage
-- Sector Messages TCR end --

-- sector (TrainID) begin --
8500
UpdateInitMessage
8501
ObjectInitMessage
-- sector end --

9000
ErrorMessage

-- Reserved: (M-RU for SFERA) ---
SF00 to SF99 for SFERA messages (see RS00040)
-- Reserved end --

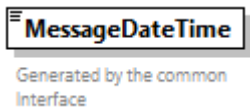
Message Type Version
Version of the Message Type

Message Identifier
Identification of the Message

Message DateTime
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/ErrorMessageReference 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 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

MessageType

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 TrainForecastAfterReportingLocation
4004 TrainRunningForecastMessage
4005 TrainRunningInformationMessage
4006 TrainRunningInterruptionMessage
4500 PassengerTrainCompositionMessage

-- sector message (Operations) --
4501 RollingStockRestrictionMessage
4504 ChangeOfTrackMessage
4505 TrainJourneyModificationMessage
4506 TrainForecastedDelayCauseMessage
4510 RunningStatusReportMessage
-- sector message end --

5001 AlertMessage
5006 WagonETL_ETAMessage

-- sector message (Wagon interchange) --
5009 WagonInterchangeNoticeMessage
5012 WagonReceivedAtInterchange
5013 WagonRefusedAtInterchange

-- sector message end --
5020 WagonStatusMessage

6002 LocationFileDatasetMessage
6003 RollingStockDatasetMessage
6005 ILUDatasetQueryMessage
6006 ILUDatasetMessage

-- 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 UpdateLinkMessage
8501 ObjectInfoMessage
-- sector end --

9000 ErrorMessage

--Reserved: (IM-RU for SFERA) ---
5700 to 5999 for SFERA messages (see IRS0040)
--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 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage 4506 TrainForecastedDelayCauseMessage 4510 RunningStatusReportMessage -- sector message end -- 5001 AlertMessage 5006 WagonETI_ETA_Message		

	<pre> -- 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 - </pre>
source	<pre> <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 </pre>

```

-- 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
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

```

	<pre> 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	
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 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><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 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**

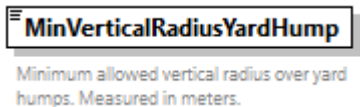
diagram	MinCurveRadius Measured in Metres									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</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	<pre><xs:element name="MinCurveRadius"> <xs:annotation> <xs:documentation>Measured in Metres</xs:documentation> </xs:annotation></pre>									

	<pre> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **MinTemp**

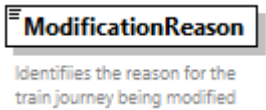
diagram	MinTemp Minimum temperature in ° Celsius									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet/TemperatureRange									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>-99</td><td></td></tr><tr><td>maxInclusive</td><td>0</td><td></td></tr></tbody></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	
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>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			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	DelayCode		
properties	content	simple	
used by	element	TrainJourneyModificationMessage	
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

	enumeration	24	Power supply equipment documentation
	enumeration	25	Track documentation
	enumeration	28	Structures documentation
	enumeration	29	Staff documentation
	enumeration	31	Other causes related to infrastructure installations documentation
	enumeration	30	Irregularities in execution of construction work documentation
	enumeration	32	Planned construction work documentation
	enumeration	39	Speed restrictions due to defective track documentation
	enumeration	40	Other causes related to Civil engineering documentation
	enumeration	41	Delay caused by next IM 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 the 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 trains by the RU documentation
	enumeration	63	Problems affecting coaches documentation
	enumeration	64	Problems affecting wagons documentation
	enumeration	68	Problems affecting traction units documentation
	enumeration	69	Staff documentation
	enumeration	70	Other causes related to Rolling Stock documentation
	enumeration	71	Delay caused by next RU documentation
	enumeration	80	Delay caused by previous RU documentation

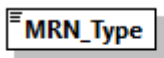
	enumeration 81 documentation Strike enumeration 82 documentation Administrative formalites enumeration 83 documentation Outside influence enumeration 84 documentation Effects of weather and natural causes enumeration 89 documentation Delay caused by external reasons on the next network enumeration 90 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 documentation 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><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 elemnt shows if the location has been added or deleted in the modified train journey									

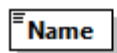
source	<pre> <xs:element name="ModificationStatusIndicator"> <xs:annotation> <xs:documentation>This elemnt shows if the location has been added or deleted in the modified train journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **MRN_Type**

diagram	 Type of MRN given, CODE: CIT GLV-CIM appendix 2		
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> </pre>		

	<pre> </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>

element **Name**

diagram	 Generic Name in Free Text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	content simple
used by	elements AdministrativeContactInformation Customer Customers RollingRoadUnit/RollingRoadUnitDetails/Haulier NetworkSpecificParameter Parameters
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Generic Name in Free Text
source	<pre><xs:element name="Name" type="FreeText"> <xs:annotation> <xs:documentation>Generic Name in Free Text</xs:documentation> </xs:annotation> </xs:element></pre>

element **NetworkProjectedLocation**

diagram	NetworkProjectedLocation Projection of a geographical position on a network line. 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 ProportionOfDistanceBetween... Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100. DistancePrecision Precision of the position along the track. Expressed in metres.
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>

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

element **NetworkProjectedLocation/NextLocation**

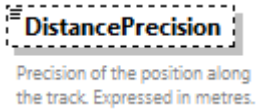
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Next location forecasted to be encountered by the train. If this element 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**

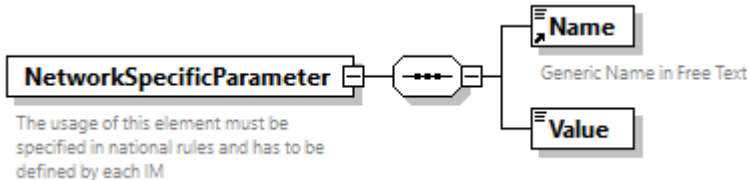
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	Percentage
properties	content simple
facets	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 TrainCompositionJourneySection/LocIdent PathCoordinationMessage PathDetailsMessage PathRequestMessage PathSectionNotificationMessage PlannedJourneyLocation TrainCompositionJourneySection WagonData
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**

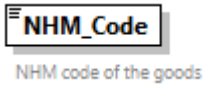
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	IntermediateDestination DeliveryTimeAtInterchange

annotation	documentation Identifies next stopping point on the route of a train
source	<pre> <xs:element name="NextIntermediateDestination"> <xs:annotation> <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 **NextResponsibleRU**

diagram	≡ NextResponsibleRU The RU who is responsible for the train operation on the next journey section.												
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 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	
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	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**

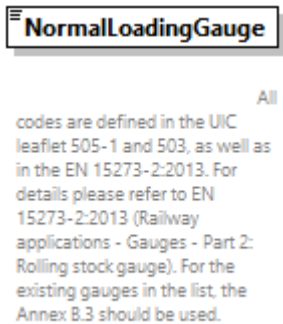
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Noise level at stand still in decibels
source	<pre><xs:element name="Noise"> <xs:annotation> <xs:documentation>Noise 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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer

properties	content simple
facets	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 **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

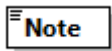
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NoteLocationIdent Note
used by	element TrainRunningData
annotation	documentation Remarks to be transmitted to IM
source	<pre> <xs:element name="Notes"> <xs:annotation> </pre>

	<pre> <xs:documentation>Remarks to be transmitted to IM</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <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>

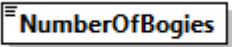
element **Notes/Note**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
facets	<table><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	<code><xs:element name="Note" type="FreeText"/></code>									

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									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0000</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></tbody></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	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>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>									

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									
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>									

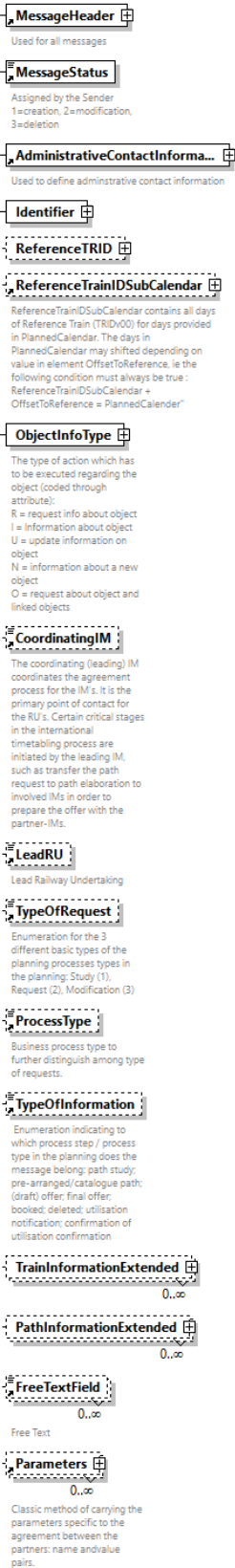
	</xs:element>

element **ObjectInfoMessage**

diagram

ObjectInfoMessage

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.



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	Identifier is connected to a dashed box labeled CompositIdentifierPlannedType. Inside this box are 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: 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	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	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	☰ 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																																							
type	restriction of xs:string																																							
properties	content simple																																							
used by	element CapacityProductSearchCriteria/ObjectTypeSearch complexType 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><tr><td>enumeration</td><td>TR</td><td></td></tr><tr><td>enumeration</td><td>RO</td><td></td></tr><tr><td>enumeration</td><td>PA</td><td></td></tr><tr><td>enumeration</td><td>CR</td><td></td></tr><tr><td>enumeration</td><td>PR</td><td></td></tr><tr><td>enumeration</td><td>CN</td><td></td></tr><tr><td>enumeration</td><td>CM</td><td></td></tr><tr><td>enumeration</td><td>CP</td><td></td></tr><tr><td>enumeration</td><td>TC</td><td></td></tr></table>	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	
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**

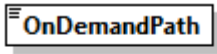
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:integer
properties	content simple
used by	element TimingAtLocation/Timing complexType TimeAndOffset
source	<pre><xs:element name="Offset" type="xs:integer"/></pre>

element **OffsetToReference**

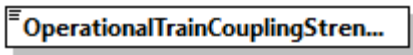
diagram	 The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calendar earlier than Reference Calendar.>
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	 For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)
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 **OperationalTrainCouplingStrength**

diagram	 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><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 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	OperationalTrainNumber 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 OperationalTrainNumberIdentifier WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier PlannedJourneyLocation WagonInterchangeNoticeMessage WagonInterchangeSubNoticeMessage complexType CapacityModelType
facets	Kind Value Annotation minLength1 maxLength8
annotation	documentation Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.
source	<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>

	</xs:element>

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 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><td>Kind</td><td>Value</td><td>Annotation</td></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	
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 **OverhaulValidityPeriod**

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><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	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".												
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											

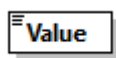
annotation	documentation The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "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"> <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 and value 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	<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 **ParkingBrakeForce**

diagram	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									
type	restriction of xs:decimal									
properties	content simple									
used by	element WagonTechData									
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 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"> <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 **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	
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	
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> <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:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </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	
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 drection 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>

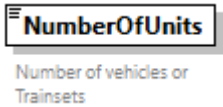
	<pre> <xs:sequence> <xs:element ref="PassengerJourneySection"/> <xs:element ref="PassengerTrainData" minOccurs="0"/> <xs:element name="UnitCount"> <xs:annotation> <xs:documentation>Manner of describing the composition, by vehicle (locomotive or coach) or by Trainset (as a whole). 1=Vehicle, 2=Trainset</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**

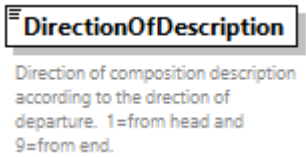
diagram	 UnitCount Manner of describing the composition, by vehicle (locomotive or coach) or by Trainset (as a whole). 1=Vehicle, 2=Trainset
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer

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>

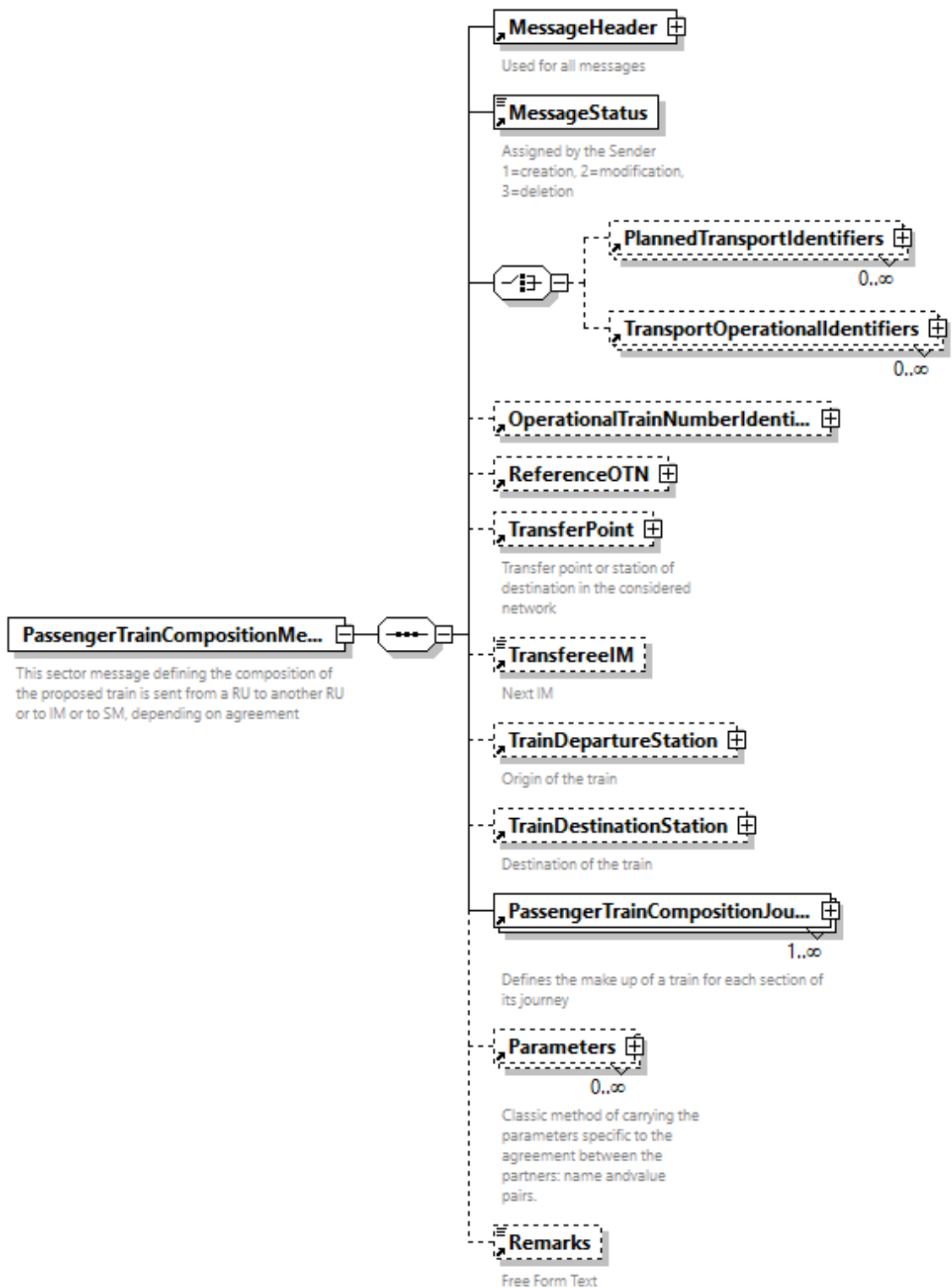
element **PassengerTrainCompositionJourneySection/DirectionOfDescription**

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



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	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 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	The diagram shows the PassengerTrainRunningData element as a container for three child elements: TrainRunningTechData, ExceptionalGaugingInd, and DangerousGoodsIndication. The TrainRunningTechData element is described as 'Shows the relevant technical data for a running train'. The ExceptionalGaugingInd element is described as 'Indicates that an exceptional gauging is in the train or for the wagon - (true/false)'. The DangerousGoodsIndication element is described as 'Identifies dangerous goods'.
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	The diagram shows the PassengerTransportRestriction element as a container for three child elements: TransportRestrictionCode, TransportRestrictionValue, and FreeTextField. The FreeTextField element is described as 'Free Text'.
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	
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	
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

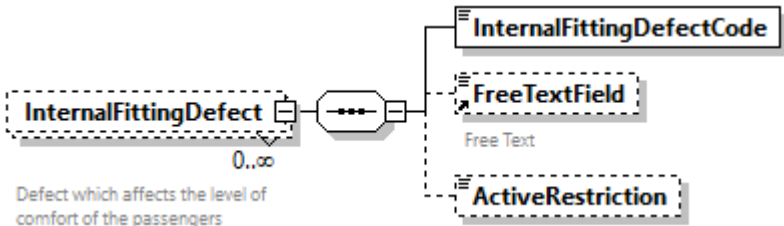
	enumeration	12	F - Wagon other than bogie wagon with wheelbase of more than 9 metres documentation
	enumeration	13	F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres documentation
	enumeration	15	F - Bogie wagon with distance between 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>

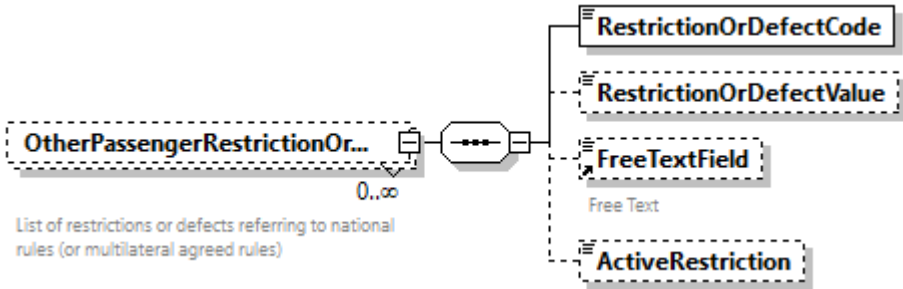
element **PassengerUnitRestriction/InternalFittingDefect/InternalFittingDefectCode**

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**

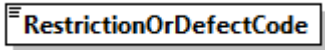
diagram	 A dashed box labeled ActiveRestriction .
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
source	<pre><xs:element name="ActiveRestriction" type="xs:boolean" minOccurs="0"/></pre>

element **PassengerUnitRestriction/OtherPassengerRestrictionOrDefect**

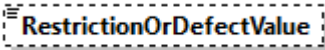
diagram	 A diagram showing the structure of the OtherPassengerRestrictionOrDefect element. It is a dashed box containing a sequence of four elements: RestrictionOrDefectCode , RestrictionOrDefectValue , FreeTextField , and ActiveRestriction . The FreeTextField element has a note "Free Text" below it. The OtherPassengerRestrictionOrDefect box has a note "List of restrictions or defects referring to national rules (or multilateral agreed rules)" below it. A cardinality "0..∞" is shown near the sequence connector.
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>

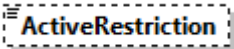
element **PassengerUnitRestriction/OtherPassengerRestrictionOrDefect/RestrictionOrDefectCode**

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><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></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	<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						
used by	element OtherPassengerRestrictionOrDefect						
source	<pre> <xs:element name="RestrictionOrDefectValue" type="xs:string" minOccurs="0"/> </pre>						

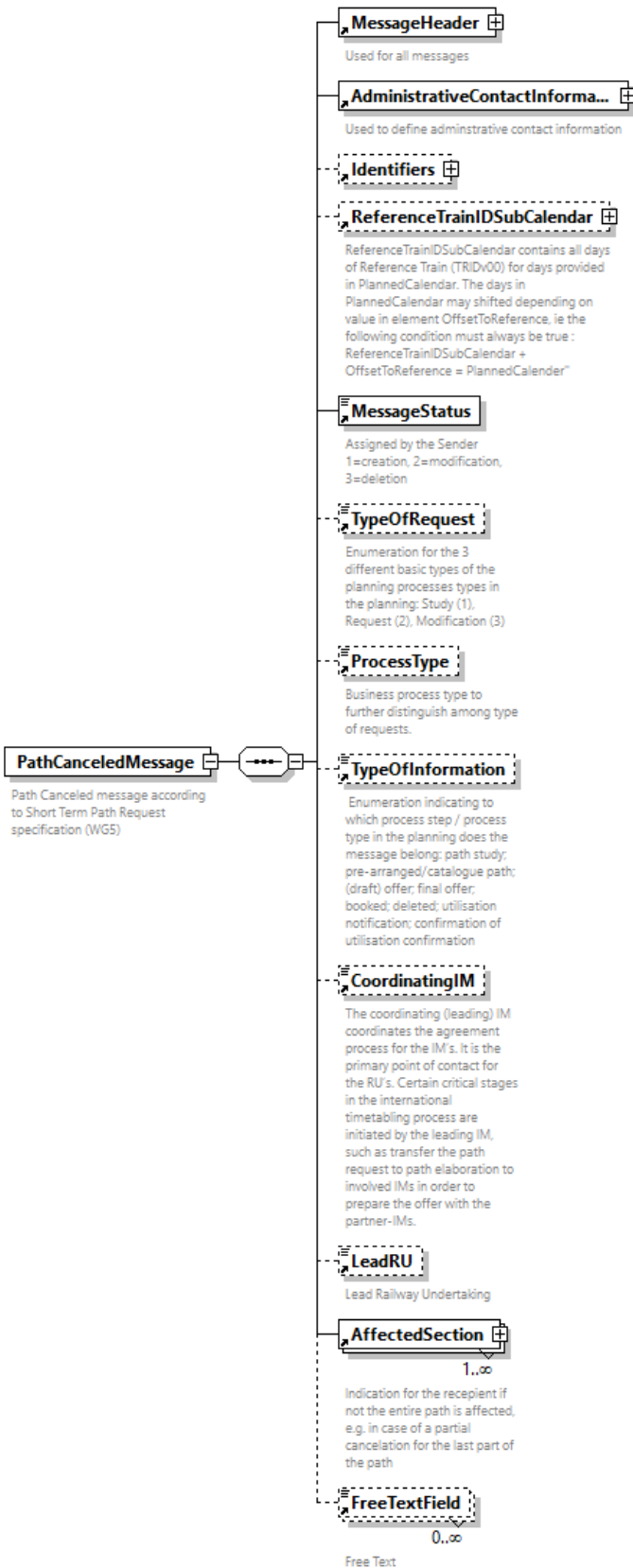
element **PassengerUnitRestriction/OtherPassengerRestrictionOrDefect/ActiveRestriction**

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**

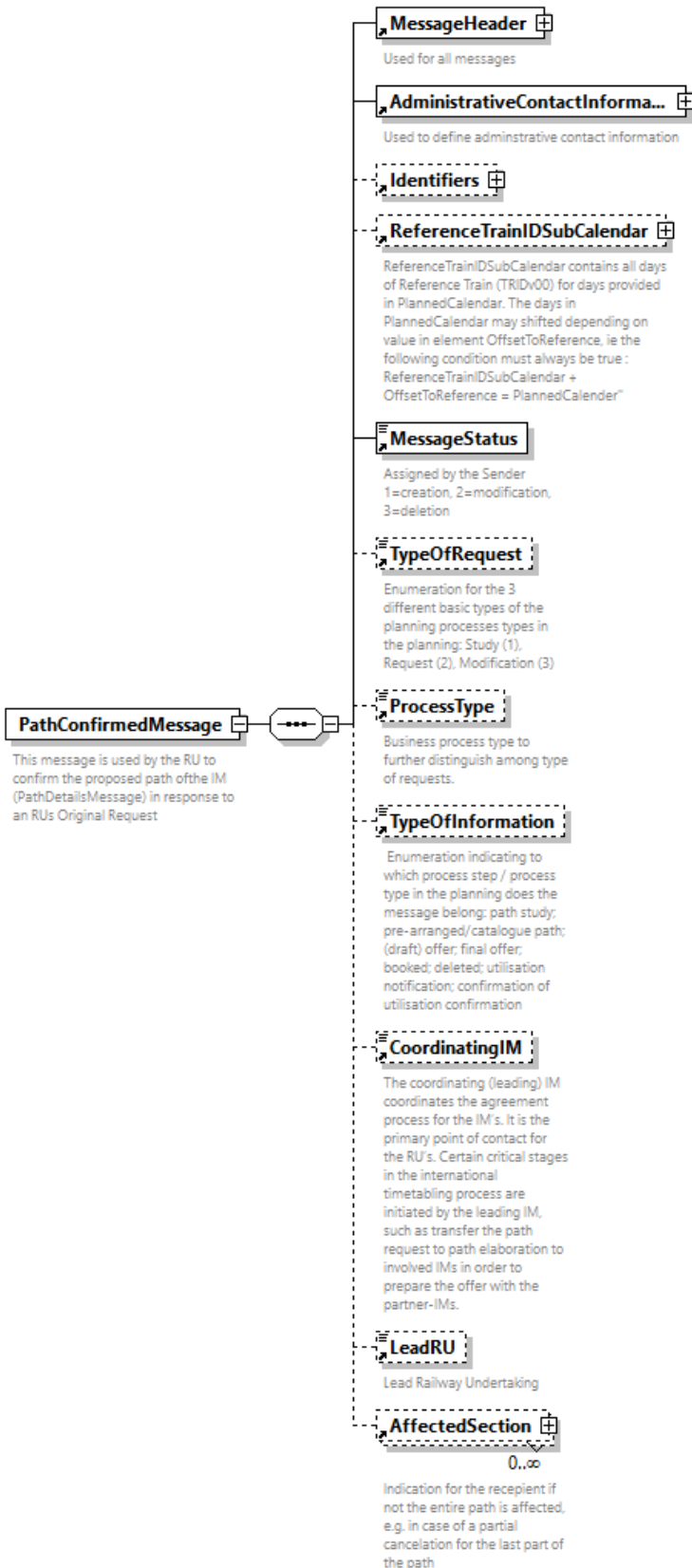
diagram



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**

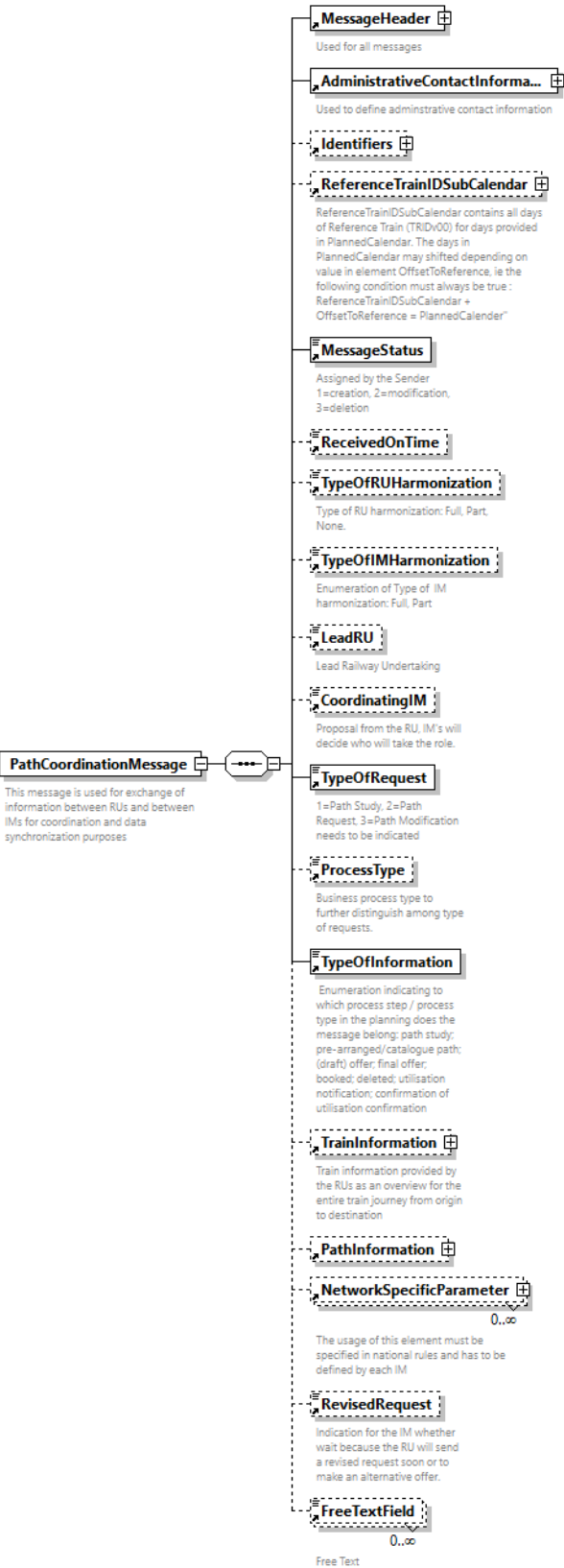
diagram



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. is 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

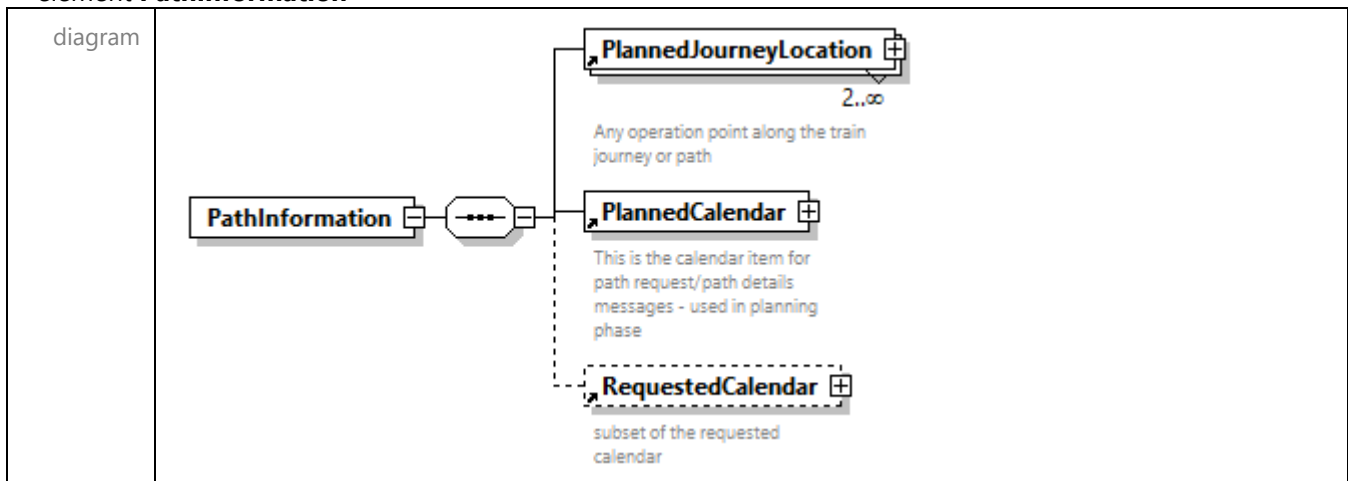
FreeTextfield

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**

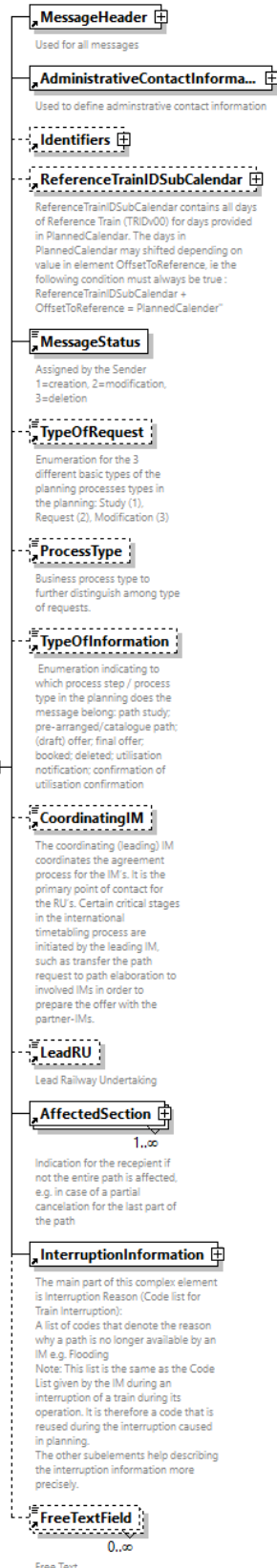


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	PlannedJourneyLocation PlannedCalendar RequestedCalendar
used by	elements UpdateLinkMessage/Operation PathCoordinationMessage PathDetailsMessage ObjectInfoMessage/TrainInformationExtended/PathInformationExtended 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)



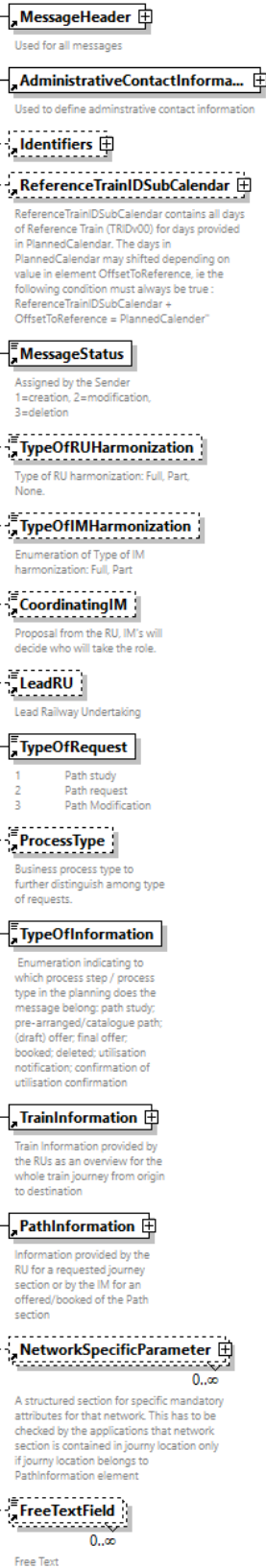
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection InterruptionInformation FreeTextField
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.

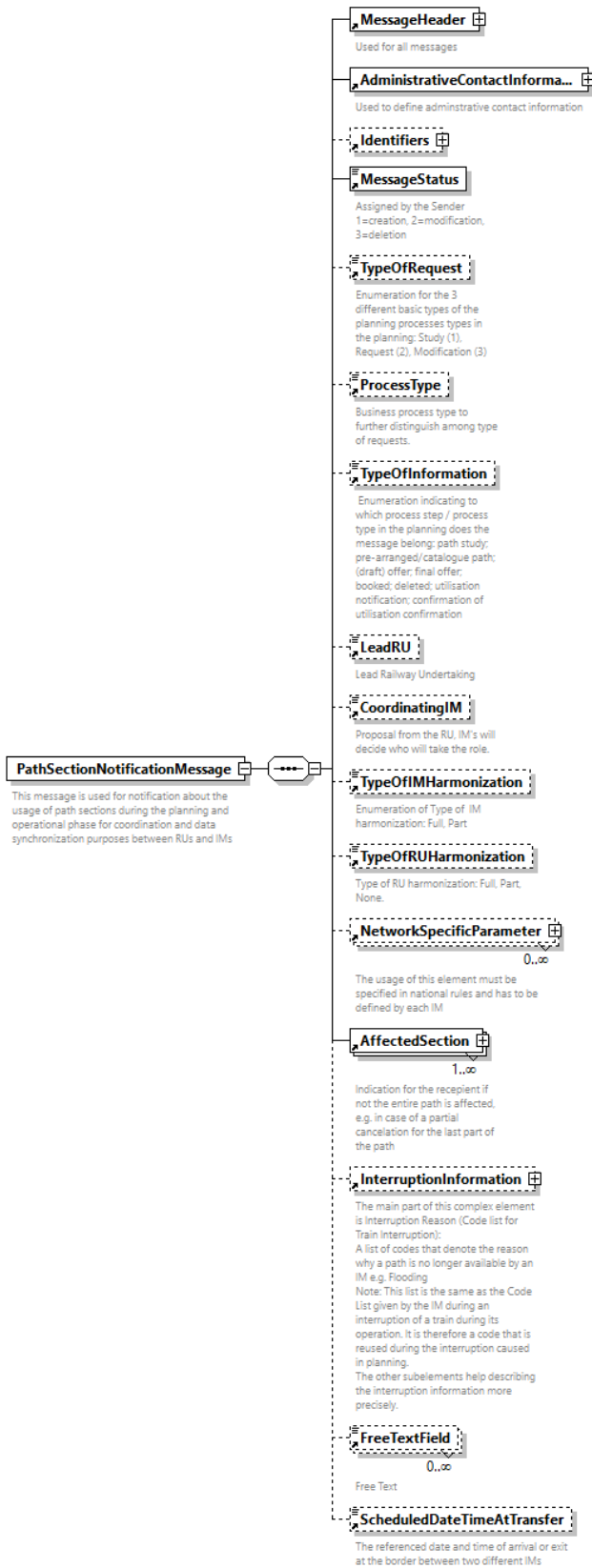


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest ProcessType TypeOfInformation 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



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>

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

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										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CommunicationRefID									
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>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>

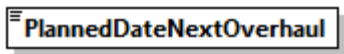
element **PickupTimeAtLocation**

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**

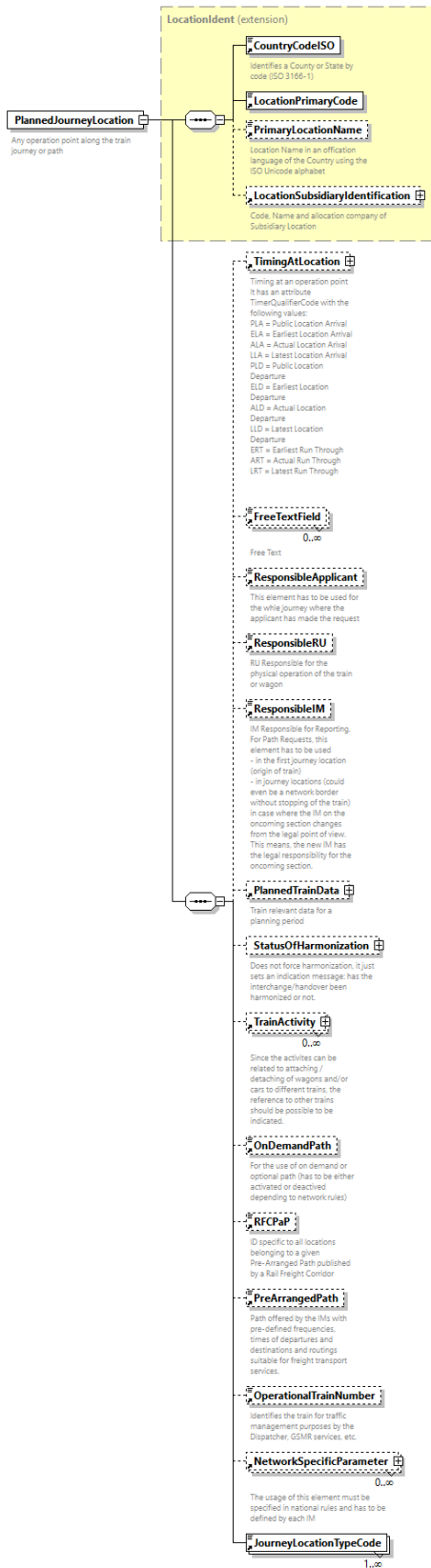
diagram	PlannedCalendar This is the calendar item for path request/path details messages - used in planning phase BitmapDays Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise. ValidityPeriod The ValidityPeriod is the period of time during which the calendar is valid. It is optional otherwise. OffsetToReference 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.
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	 PlannedDateNextOverhaul 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> </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**

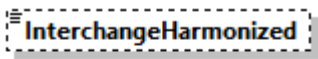
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	HandoverHarmonized InterchangeHarmonized
annotation	documentation Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.
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

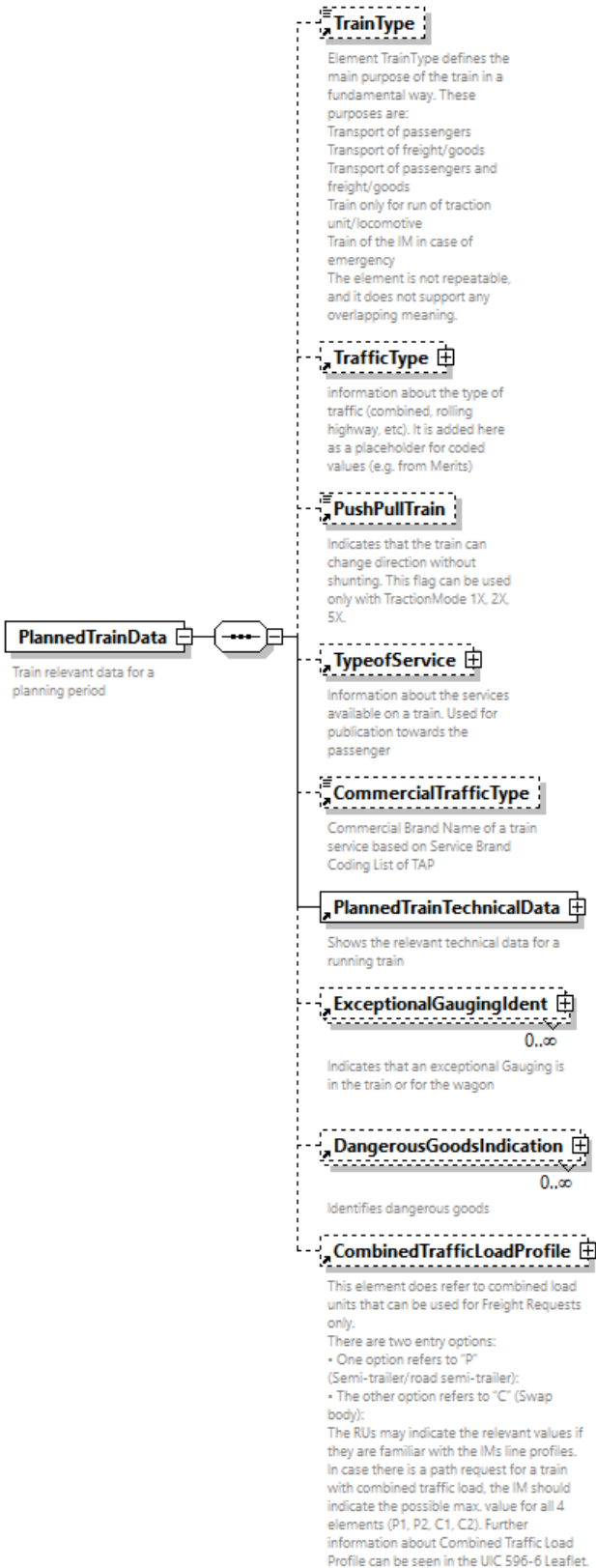
	content simple
annotation	documentation RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications
source	<pre><xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates 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><tr><th>Kind</th><th>Value</th><th>Annotation</th></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 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



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

PlannedTrainTechnicalData
Shows the relevant technical data for a running train

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

WeightOfSetOfCarriages

The calculated maximum weight of all carriages without the traction

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.

TractionDetails

1,00
Defines the design series, mode of deployment and technical specifications associated with the traction of a train.

TrainMaxSpeed

The max. possible speed of a train in km/h

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.

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.

Coasting

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.

MaxAxleWeight

Indicates the maximum design axle weight (t0).

RouteClass

Indication of the route class based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure).

BrakeType

Type of braking system.

EmergencyBrakeOverride

Ability of the whole train (all wagons and traction units) to override the emergency brake signal

BrakingRatio

Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).

MinBrakedWeightPercent

Minimum percentage of braking claimed by IM for safety reasons.

BrakeWeight

Shows the braked mass of the wagon according to the type of the braking system, in Tonnes

TrainCC_System

0,00
Identifies the command control system of the train in coded values.

TrainRadioSystem

The on board radio system of the train in coded format

TiltingFunction

Indicates if a train uses a tilting system

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

BogieWagonsOnly

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
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**

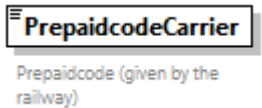
diagram	PostalCode The postal code for the postal address									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</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	≡ PreArrangedPath Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.									
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><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>9</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
annotation	documentation Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.									

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> </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>		

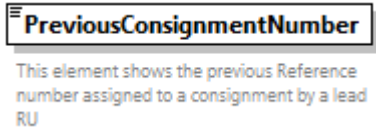
```

<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	 PrimaryLocationName Location Name in an offication language of the Country using the ISO Unicode alphabet
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	content simple
used by	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	ProcessType Business process type to further distinguish among type of requests.		
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 Path Utilisation notification process
	enumeration	12	documentation Path Optimization process
annotation	documentation	Business process type to further distinguish among type of requests.	
source	<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">
        <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>

```

	<pre> </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> <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>

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

element **PushPullTrain**

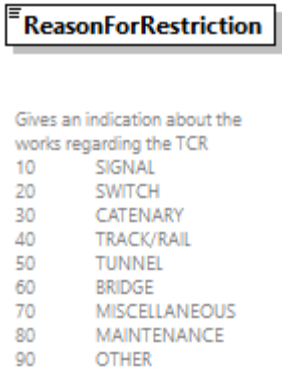
diagram	 Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	elements GeneralParameters PassengerTrainData PlannedTrainData
annotation	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	Quantity 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	<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 Amount of the loading tackles of the specified type.									
source	<xs:element name="Quantity"> <xs:annotation>									

	<pre> <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	
	enumeration	20	
	enumeration	30	
	enumeration	40	
	enumeration	50	
	enumeration	60	
	enumeration	70	
	enumeration	80	
	enumeration	90	
annotation	documentation Gives an indication about the works regarding the TCR 10 SIGNAL 20 SWITCH 30 CATENARY 40 TRACK/RAIL 50 TUNNEL		

	60 BRIDGE 70 MISCELLANEOUS 80 MAINTENANCE 90 OTHER
source	<pre><xs:element name="ReasonForRestriction"> <xs:annotation> <xs:documentation> Gives an indication about the works regarding the TCR 10 SIGNAL 20 SWITCH 30 CATENARY 40 TRACK/RAIL 50 TUNNEL 60 BRIDGE 70 MISCELLANEOUS 80 MAINTENANCE 90 OTHER </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:enumeration value="60"/> <xs:enumeration value="70"/> <xs:enumeration value="80"/> <xs:enumeration value="90"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

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	5001	documentation Reference to another object on the basis of incident management in operations phase
	enumeration	DE01	documentation Reference to an associated empty/transfer train
	enumeration	DE02	documentation

	enumeration DE03 documentation Reference to an associated main run 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 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

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

```

</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="4"/>
    <xs:maxLength value="4"/>
    <xs:enumeration value="1000">
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        <xs:documentation>Same path offer is desired as for stated
PathRequestMessage</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1001">
      <xs:annotation>
        <xs:documentation>Same path is desired as for stated
train/path</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1002">
      <xs:annotation>
        <xs:documentation>Full replacement of stated previous
path</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1003">
      <xs:annotation>
        <xs:documentation>Partial replacement of stated previous
path</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1004">
      <xs:annotation>
        <xs:documentation>Reference to sub train of Y-train

```

```

bundle</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="1005">
  <xs:annotation>
    <xs:documentation>Reference to main train of Y-train
bundle</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="1006">
  <xs:annotation>
    <xs:documentation>Reference to another PathRequestMessage after
interruption train's journey by a foreign infrastructure area</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="1007">
  <xs:annotation>
    <xs:documentation>Reference to another PathRequestMessage before
interruption train's journey by a foreign infrastructure area</xs:documentation>
  </xs:annotation>
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  <xs:annotation>
    <xs:documentation>Reference to further path offer for the
PathRequestMessage</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="1009">
  <xs:annotation>
    <xs:documentation>Reference to booked path before interruption by
railway replacement traffic by bus</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="1010">
  <xs:annotation>
    <xs:documentation>Reference to a PreArrangedPath</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="1011">
  <xs:annotation>
    <xs: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</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="1012">
  <xs:annotation>
    <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>

```

	<pre> </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="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> </xs:enumeration> <xs:enumeration value="DE03"> <xs:annotation> <xs:documentation>Notice stated PathRequestMessage</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DE04"> <xs:annotation> <xs:documentation>Replacement of stated train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DE05"> <xs:annotation> <xs:documentation>Reference to a reserved capacity</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DE06"> <xs:annotation> <xs:documentation>Use of same OTN as of stated train</xs:documentation> </xs:annotation> </pre>

	<pre></xs:enumeration> <xs:enumeration value="DE07"> <xs:annotation> <xs:documentation>PathID from a framework contract</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>

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

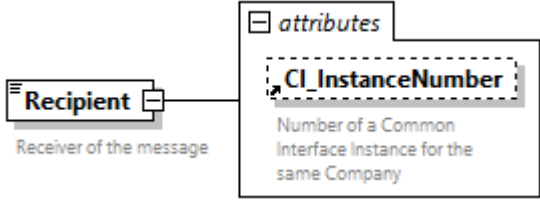
<http://www.era.europa.eu/schemes/TAFTSI/3.5>

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>

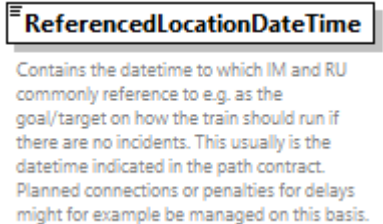
element **ReceivedOnTime**

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 **ReferenceNumbers**

diagram	
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> </pre>

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

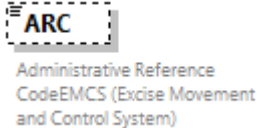
annotation	documentation Movement Reference Number according to NCTS
source	<pre> <xs:element name="MovementReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MRN_Type"/> <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> </xs:element> </pre>

element **ReferenceNumbers/MovementReferenceNumber/MRN_Number**

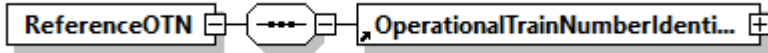
diagram	MRN_Number Movement reference number. Data element in accordance with Regulation (EC 1875/2006).									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><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:restriction> </xs:simpleType> </xs:element></pre>									

	<pre> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ReferenceNumbers/ARC**

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 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/AssociatedTrainChangeOfTrackMessage 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></pre>

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

element **RefusalAtInterchange**

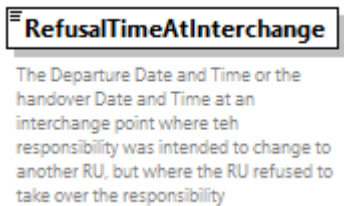
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location RefusalTimeAtInterchange
used by	element WagonRefusedAtInterchangeMessage
annotation	documentation Place where the responsibility of a wagon is refused and the date and time when the wagon responsibility 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	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>1</td><td>documentation Data not authorised by Wagon Keeper</td></tr><tr><td>enumeration</td><td>2</td><td>documentation Wagon number freight unknown</td></tr></table>	Kind	Value	Annotation	enumeration	1	documentation Data not authorised by Wagon Keeper	enumeration	2	documentation Wagon number freight unknown
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>									

element **RefusalTimeAtInterchange**

diagram	
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, </pre>

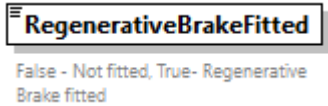
	but where the RU refused to take over the responsibility</xs:documentation> </xs:annotation> </xs:element>

element **RegenerativeBrake**

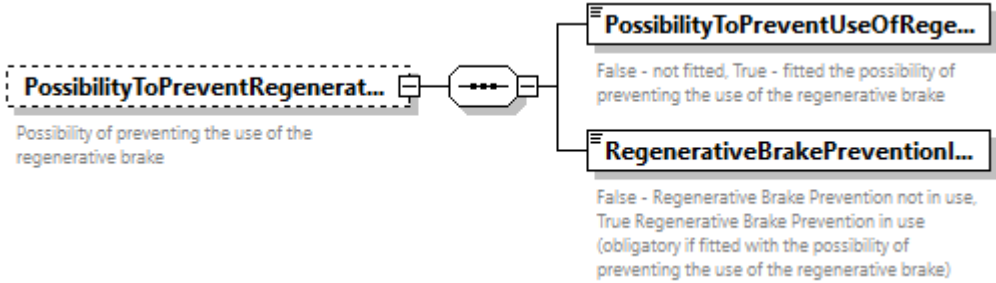
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	RegenerativeBrakeFitted PossibilityToPreventRegenerativeBrake
used by	elements TrainCompositionJourneySection/LocIdent UnitData
annotation	documentation Information of the Regenerative Brake, only for locomotives/vehicles 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:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

element **RegenerativeBrake/RegenerativeBrakeFitted**

diagram	 RegenerativeBrakeFitted False - Not fitted, True- Regenerative Brake fitted
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>

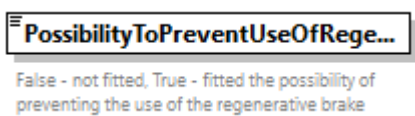
element **RegenerativeBrake/PossibilityToPreventRegenerativeBrake**

diagram	 PossibilityToPreventRegenerat... Possibility of preventing the use of the regenerative brake PossibilityToPreventUseOfRege... False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake RegenerativeBrakePreventionl... 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)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex

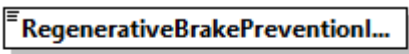
children	PossibilityToPreventUseOfRegenerativeBrake RegenerativeBrakePreventionInUse
annotation	documentation Possibility of preventing the use of the regenerative brake
source	<pre> <xs:element name="PossibilityToPreventRegenerativeBrake" minOccurs="0"> <xs:annotation> <xs:documentation>Possibility 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>

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	 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)
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> </xs:element></pre>

element **RelatedIdentifier**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	element RelatedReference									
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="RelatedIdentifier" type="FreeText"/>									

element **RelatedPlannedTransportIdentifiers**

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
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
	minInclusive	1	

	maxInclusive 9999
source	<code><xs:element name="RelatedType" type="MessageCode"/></code>

element **RelatedReference/RelatedMessageDateTime**

diagram	 The diagram shows a box labeled RelatedMessageDateTime with the description "Date Time of related message." below it.
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	RelatedSenderReference Sender reference given by the Sender									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	element RelatedReference									
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 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>									

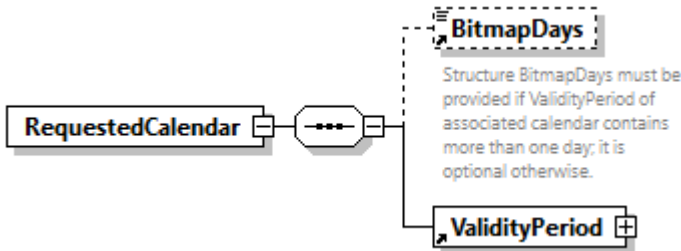
element **RelatedTransportOperationalIdentifiers**

diagram	The diagram illustrates the structure of the RelatedTransportOperationalIdentifiers element. It is a complex type, represented by a dashed yellow box labeled CompositIdentifierOperationalType. The element is composed of 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 The RelatedTransportOperationalId... element is shown as a container that includes all these sub-elements.
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><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 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 **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> <xs:element ref="StartDateTime"/> <xs:element ref="EndTimeTime"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RequestedTimeframe**

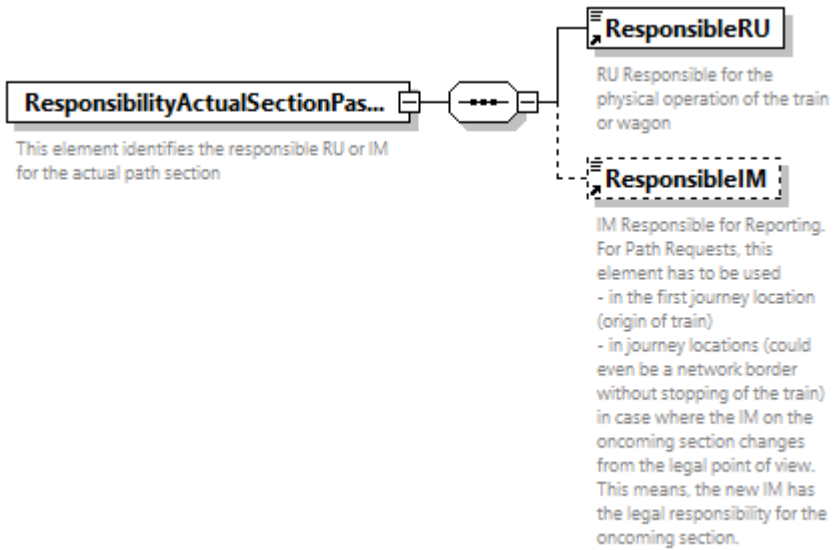
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	StartDateTime EndTimeTime
annotation	documentation To specifiy a time period being requested
source	<pre> <xs:element name="RequestedTimeframe"> <xs:annotation> <xs:documentation>To specifiy a time period being requested</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime" minOccurs="0"/> <xs:element ref="EndTimeTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

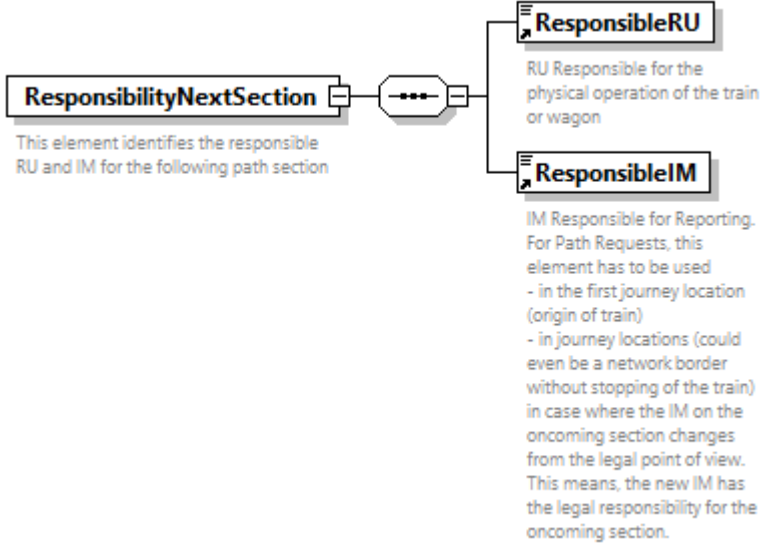
element **ResponsibilityActualSection**

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	 The diagram shows the structure of the ResponsibilityActualSectionPassenger element. It is a complex type containing 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
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	ResponsibilityNextSectionPass... This element identifies the responsible RU and IM for the following 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 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	ResponsibleApplicant 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**

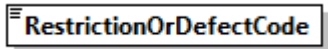
diagram	ResponsibleIM IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal 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	ResponsibleRU RU Responsible for the physical operation of the train or wagon												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	elements ExceptionPoint PlannedJourneyLocation ResponsibilityActualSection ResponsibilityActualSectionPassenger ResponsibilityNextSection ResponsibilityNextSectionPassenger RunningStatusReportMessage TrainDelayCauseMessage TrainForecastedDelayCauseMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage												
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 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 **RestrictionOrDefectCode**

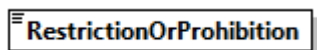
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
used by	element OtherPassengerRestrictionOrDefect
source	<code><xs:element name="RestrictionOrDefectCode"/></code>

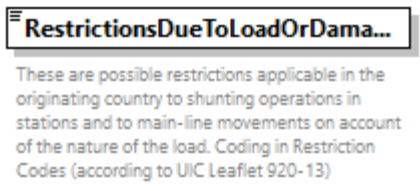
element **RestrictionOrDefectValue**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	content simple
used by	element OtherPassengerRestrictionOrDefect
source	<code><xs:element name="RestrictionOrDefectValue" type="xs:string"/></code>

element **RestrictionOrProhibition**

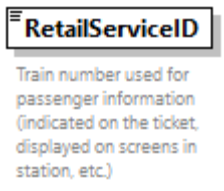
diagram																			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																		
type	restriction of xs:token																		
properties	content simple																		
used by	element TrainOrCoachGroupComposition/Unit/Restrictions																		
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><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><tr><td>enumeration</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4	
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	 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	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 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 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>

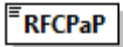
element **RetailServiceID**

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 **RevisedRequest**

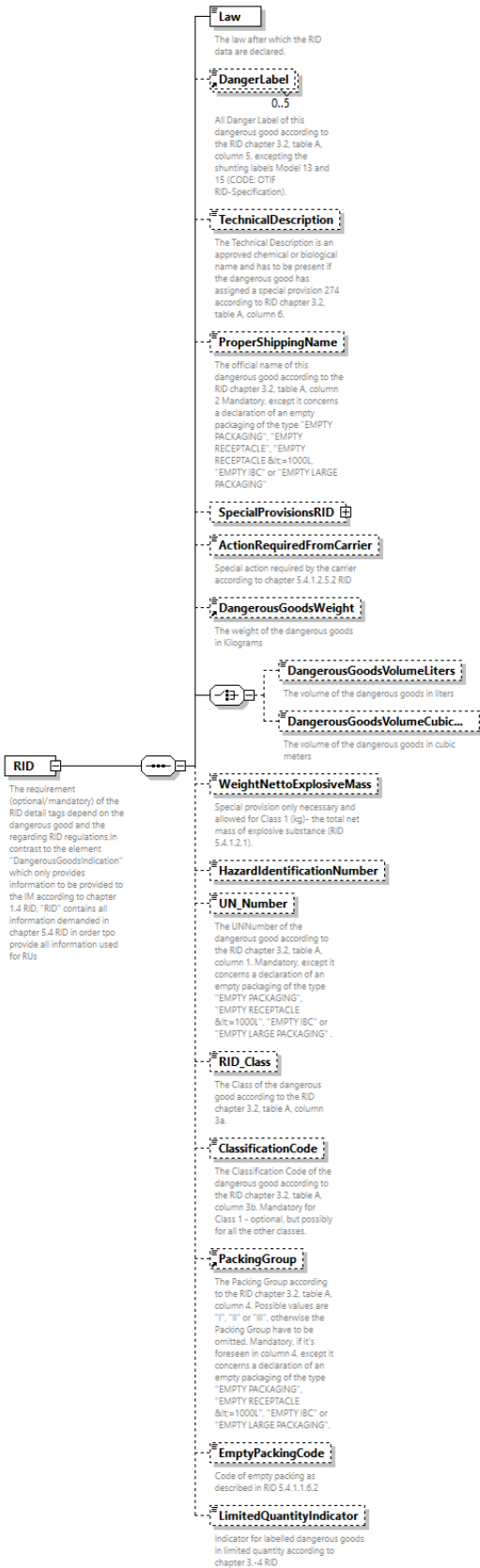
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	elements PathCoordinationMessage PathDetailsRefusedMessage
annotation	documentation Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative 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><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 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 tpo 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 tpo 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 name="RID_Class" minOccurs="0">
  <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:restriction>
  </xs:simpleType>
</xs:element>
<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:restriction>
  </xs:simpleType>
</xs:element>

```

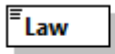
```

<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:enumeration value="12">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

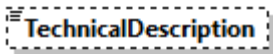
	<pre><xs:enumeration value="13"> <xs:annotation> <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>EMPTY VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <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> <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**

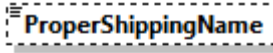
diagram	 The law after which the RID data are declared.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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	 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.
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	 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;it=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><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 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 <=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> <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**

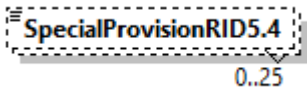
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	SpecialProvisionsRID3.3 SpecialProvisionRID5.4 Waste SpecialProvisionsEnvironment
source	<pre> <xs:element name="SpecialProvisionsRID" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="SpecialProvisionsRID3.3" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </pre>

	<pre> <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>

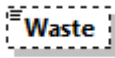
element **RID/SpecialProvisionsRID/SpecialProvisionsRID3.3**

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>									

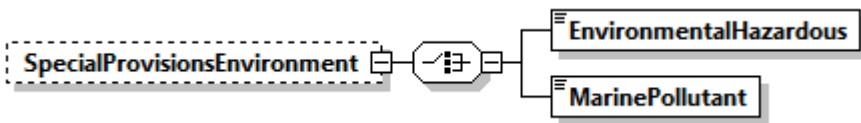
element **RID/SpecialProvisionsRID/SpecialProvisionRID5.4**

diagram	 A diagram showing a dashed box labeled "SpecialProvisionRID5.4" with a cardinality "0..25" below it.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 25 content simple
facets	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:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RID/SpecialProvisionsRID/Waste**

diagram	 A diagram showing a dashed box labeled "Waste".
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	 A diagram showing a dashed box labeled "SpecialProvisionsEnvironment" connected to a choice element (a circle with a vertical line and two branches) which then branches into two boxes labeled "EnvironmentalHazardous" and "MarinePollutant".
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	<pre><xs:element name="EnvironmentalHazardous" type="xs:boolean"/></pre>

element **RID/SpecialProvisionsRID/SpecialProvisionsEnvironment/MarinePollutant**

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

element **RID/ActionRequiredFromCarrier**

diagram	ActionRequiredFromCarrier Special action required by the carrier according to chapter 5.4.1.2.5.2 RID									
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>350</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	350	
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**

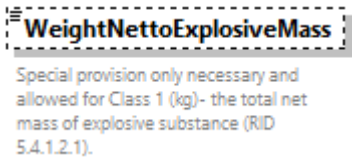
diagram	DangerousGoodsVolumeLiters The volume of the dangerous goods in liters
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	VolumeValueLiter
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999
annotation	documentation The volume of 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	
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**

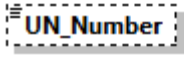
diagram	 Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	WeightValueKilo
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 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
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> </xs:element></pre>

element **RID/UN_Number**

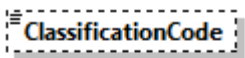
diagram	 The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

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

element **RID/RID_Class**

diagram	 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	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 4
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" minOccurs="0"> <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:restriction> </xs:simpleType> </xs:element></pre>

element **RID/ClassificationCode**

diagram	 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									
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>documentation present only with class 1</td></tr></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	EmptyPackingCode 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	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>01</td><td>documentation EMPTY PACKAGING</td></tr><tr><td>enumeration</td><td>02</td><td>documentation EMPTY CONTAINER</td></tr><tr><td>enumeration</td><td>03</td><td>documentation EMPTY IBC</td></tr><tr><td>enumeration</td><td>04</td><td>documentation EMPTY LARGE PACKAGING</td></tr><tr><td>enumeration</td><td>05</td><td>documentation EMPTY TANK-VEHICLE</td></tr></tbody></table>	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
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	<pre> <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:restriction> </xs:simpleType> </xs:element> </pre>

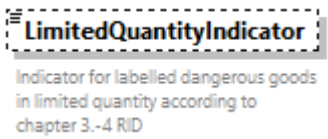
```

</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: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>

```

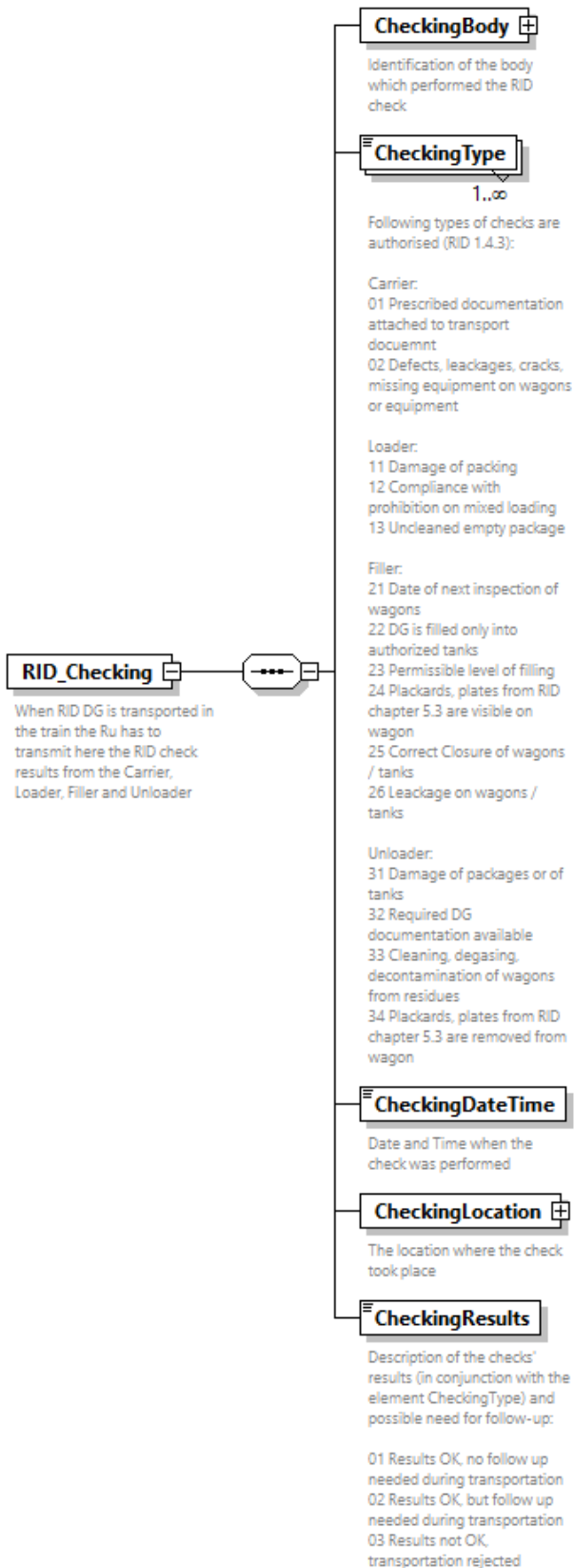
	<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>EMPTY WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE le 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <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 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>
<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	<pre>graph LR CB[CheckingBody Identification of the body which performed the RID check] --- Seq[...] Seq --- BT[BodyType Following types of bodies are authorised (RID 1.4.3): 01 Carrier 02 Loader 03 Filler 04 Unloader] Seq --- BI[BodyID 4N Company Code]</pre>
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**

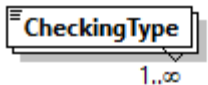
diagram	BodyType Following types of bodies are authorised (RID 1.4.3): 01 Carrier 02 Loader 03 Filler 04 Unloader															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
facets	<table><thead><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	BodyID 4N Company Code												
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>												

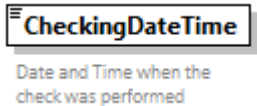
element **RID_Checking/CheckingType**

diagram	 Following types of checks are authorised (RID 1.4.3): Carrier: 01 Prescribed documentation attached to transport document 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 Placards, 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 Placards, 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 documnt 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):</pre> Carrier: 01 Prescribed documentation attached to transport documnt 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 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	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
 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:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

        </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>
    <xs:sequence>
        <xs:complexType>
            <xs:element>
                <xs:sequence>
                    <xs:complexType>
                        <xs:element>
                            <xs:sequence>
                                <xs:complexType>
                                    <xs:element>
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                                            <xs:complexType>
                                                <xs:element>
                                                    <xs:sequence>
                                                        <xs:complexType>
                                                            <xs:element>
                                                                <xs:sequence>
                                                                    <xs:complexType>
                                                                        <xs:element ref="Goods" maxOccurs="99">
                                                                            <xs:annotation/>
                                                                        </xs:element>
                                                                        <xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0" maxOccurs="25"/>
                                                                    </xs:sequence>
                                                                </xs:complexType>
                                                            </xs:element>
                                                        </xs:sequence>
                                                    </xs:complexType>
                                                </xs:element>
                                            </xs:sequence>
                                        </xs:complexType>
                                    </xs:element>
                                </xs:sequence>
                            </xs:complexType>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </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</pre>

```

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="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"/>

```


	<pre> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </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	minOcc0 maxOcc1 contentsimple defaultHGZ																					
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>3</td><td></td></tr><tr><td>enumeration</td><td>HGZ</td><td>documentation articulated lorry</td></tr><tr><td>enumeration</td><td>SAL</td><td>documentation semi-trailer</td></tr><tr><td>enumeration</td><td>MW</td><td>documentation motor vehicle</td></tr><tr><td>enumeration</td><td>ANH</td><td>documentation trailer</td></tr></table>	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
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></pre>																					

	<pre> <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:element> </pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles**

diagram	
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 </pre>

	<pre> 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:
 - 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</pre>									

	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>

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"> <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	0..2 Attendants during the transport. Last name of attendant. Optional first name of the attendant.
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:restriction> </xs:simpleType> </xs:element> <xs:element name="FirstName"> <xs:annotation> <xs:documentation>Optional first name of the attendant.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <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:
 - 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</pre>									

	<pre>
 (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> </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	<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>15</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	15	
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	<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>									

element **RollingRoadUnitType**

diagram			
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>

```

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

```

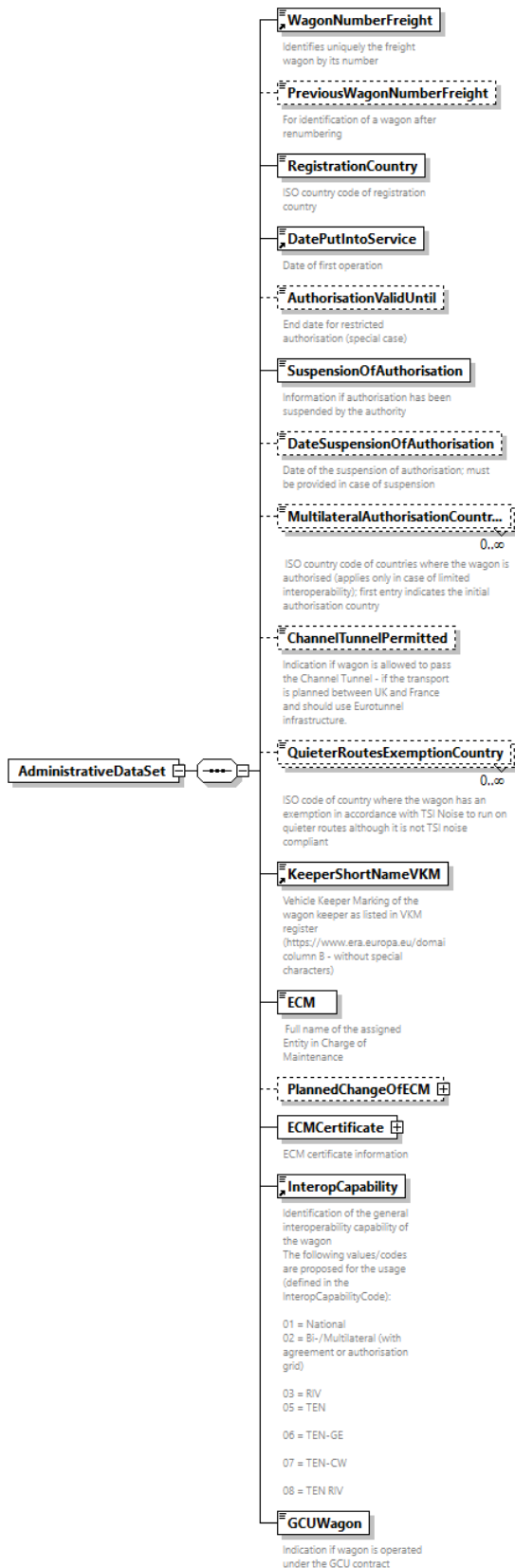
        </xs:annotation>
      </xs:element>
      <xs:element name="Hitch" minOccurs="0" maxOccurs="2"/>
      <xs:element ref="FerryPermittedFlag" minOccurs="0">
        <xs:annotation>
          <xs:documentation> Indication if wagon is permitted to be used on
ferries</xs:documentation>
        </xs:annotation>
      </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: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: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>

```

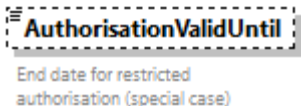
element **RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight**

diagram	</

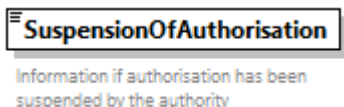
element **RollingStockDataset/AdministrativeDataSet/RegistrationCountry**

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	 AuthorisationValidUntil 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	 SuspensionOfAuthorisation 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**

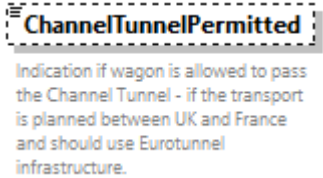
diagram	 DateSuspensionOfAuthorisation Date of the suspension of authorisation; must be provided in case of suspension
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date

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><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 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	

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>

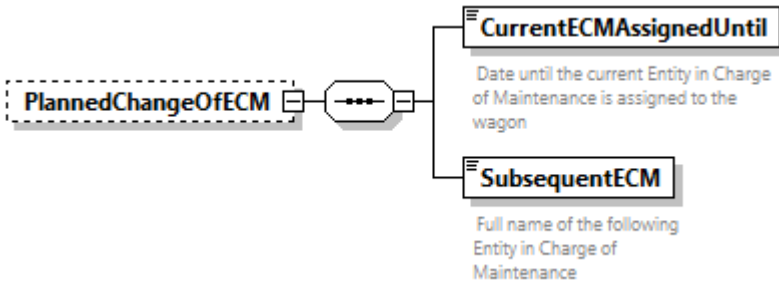
element **RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry**

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**

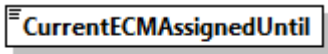
diagram	ECM Full name of the assigned Entity in Charge of Maintenance						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>256</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**

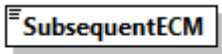
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	CurrentECMAssignedUntil SubsequentECM
source	<pre> <xs:element name="PlannedChangeOfECM" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="CurrentECMAssignedUntil" type="xs:date"> <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	 CurrentECMAssignedUntil 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	 SubsequentECM 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	
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="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: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> classDiagram class 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. } class CountryCodeISO { Identifies a County or State by code (ISO 3166-1) } class TypeDocumentEIN { Code List Candidate: 31, 34 } class CounterAcreditedRecognizedB... { } class EINYear { } class EINCounter { } EINNumber "1" -- "*" CountryCodeISO EINNumber "1" -- "*" TypeDocumentEIN EINNumber "1" -- "*" CounterAcreditedRecognizedB... EINNumber "1" -- "*" EINYear EINNumber "1" -- "*" 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**

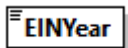
diagram	TypeDocumentEIN Code List Candidate: 31, 34									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric2-2									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>01</td><td></td></tr><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 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

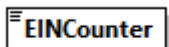
RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecognizedBody

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**

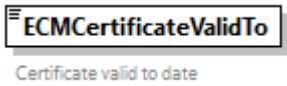
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>9999</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>									

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

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

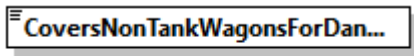
RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversTankWagonsForDangerousGoods

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

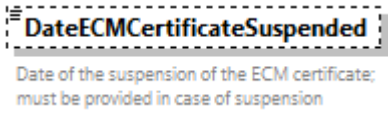
diagram	 Certificate covers other wagons specialised in transport of dangerous goods
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Certificate covers other wagons specialised in transport of dangerous goods
source	<pre><xs:element 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**

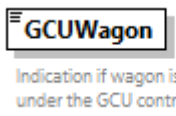
diagram	 Identification if certificate has been suspended for any reason
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Identification if certificate has been suspended for any reason
source	<pre><xs:element name="ECMCertificateSuspended" 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**

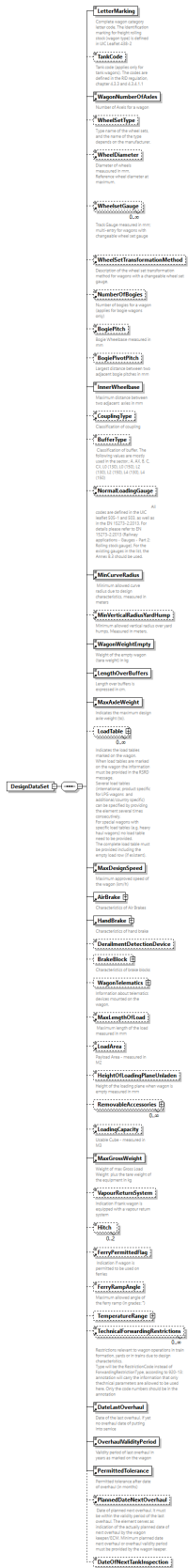
diagram	 The diagram shows a box labeled DateECMCertificateSuspended with a dashed border. Below the box, the text reads: "Date of the suspension of the ECM certificate; must be provided in case of suspension".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 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	 The diagram shows a box labeled GCUWagon with a dashed border. Below the box, the text reads: "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



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

```

```

        </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="NumberOfAccessoriesOfSpecType" 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	 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	 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**

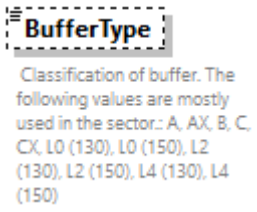
diagram	 Largest distance between two adjacent bogie pitches in mm
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric1-5
properties	minOcc 0 maxOcc 1

	content simple									
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 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	InnerWheelbase Maximum distance between two adjacent axles in mm									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric1-5									
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>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	<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 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	<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>						

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 + 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 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	<pre><xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded"> <xs:annotation></pre>

`<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>

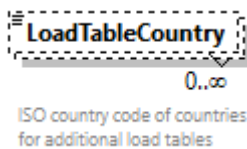
element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode**

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**

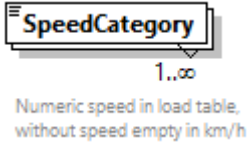
diagram	ProductRIDName RID product name as written on the folding panel						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>256</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation 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	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>unbounded</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	unbounded	content	simple			
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 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>									

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

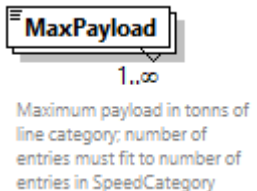
element **RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric1-5
properties	minOcc 1 maxOcc unbounded content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Numeric speed in load table, without speed empty in km/h
source	<pre> <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> </pre>

element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads**

diagram	<pre> classDiagram class RouteClassPayloads { "1..∞" } class 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." } class MaxPayload { "1..∞" "Maximum payload in tons of line category; number of entries must fit to number of entries in SpeedCategory" } RouteClassPayloads --> RouteClass RouteClassPayloads --> MaxPayload </pre>
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 tons 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 tonnes 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 tonnes 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**

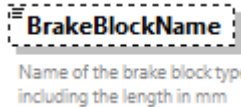
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	DerailmentDetectionDevice
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration EDT 101 enumeration MDV 100 enumeration Non coded device
source	<pre><xs:element name="DerailmentDetectionDevice" type="DerailmentDetectionDevice" minOccurs="0"/></pre>

element **RollingStockDataset/DesignDataSet/BrakeBlock**

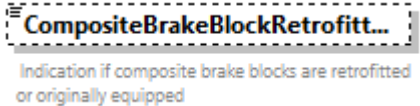
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	BrakeBlockName CompositeBrakeBlockRetrofitted CompositeBrakeBlockInstallationDate
annotation	documentation Characteristics of brake blocks
source	<pre> <xs:element name="BrakeBlock" minOccurs="0"> <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**

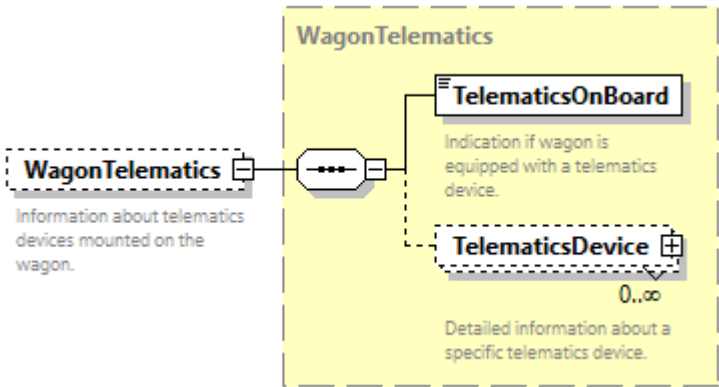
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if composite brake blocks are retrofitted or originally equipped
source	<pre> <xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" 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**

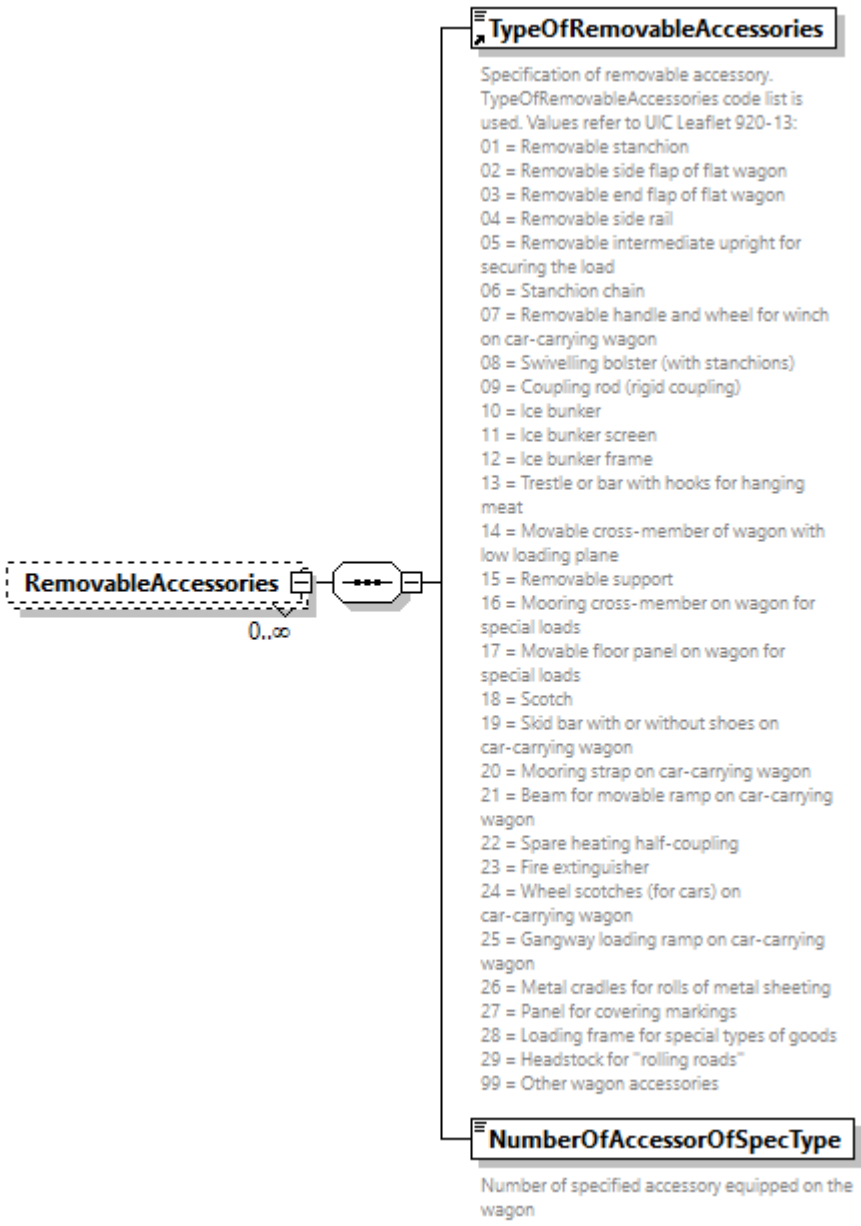
diagram	 The diagram illustrates the structure of the "WagonTelematics" element. It is represented by a dashed box labeled "WagonTelematics" with the description "Information about telematics devices mounted on the wagon." To its right is a yellow box labeled "WagonTelematics" containing two sub-elements: "TelematicsOnBoard" (with description "Indication if wagon is equipped with a telematics device.") and "TelematicsDevice" (with description "Detailed information about a specific telematics device." and a cardinality of "0..∞"). A line with a circle and dots connects the "WagonTelematics" box to the "TelematicsOnBoard" box.
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	minOcc0 maxOcc1 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>

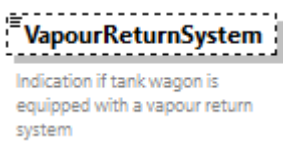
	TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13: 01 = Removable stanchion 02 = Removable side flap of flat wagon 03 = Removable end flap of flat wagon 04 = Removable side rail 05 = Removable intermediate upright for securing the load 06 = Stanchion chain 07 = Removable 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	 The diagram shows a dashed box containing the text "VapourReturnSystem". Below the box, it says "Indication if tank wagon is equipped with a vapour return system".
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>

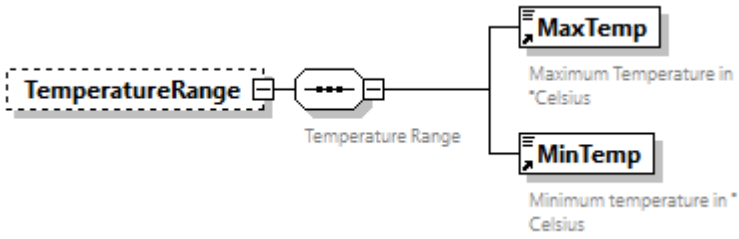
element **RollingStockDataset/DesignDataSet/Hitch**

diagram	 The diagram shows a dashed box containing the text "Hitch". Below the box, it says "0..2".
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**

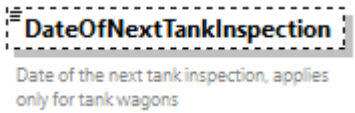
diagram	FerryRampAngle Maximum allowed angle of the ferry ramp (in grades: °)									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</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**

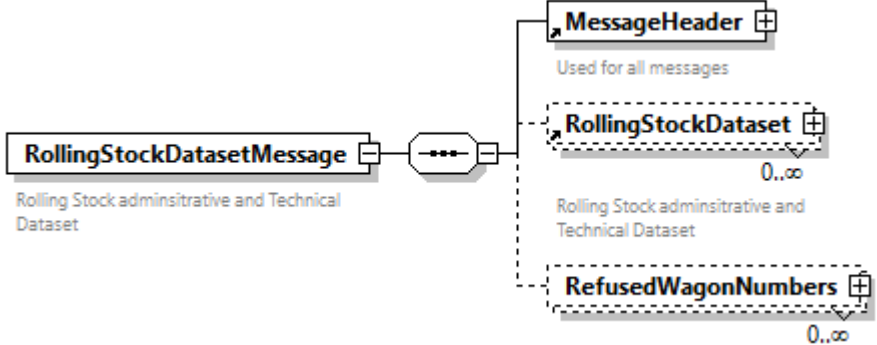
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	MaxTemp MinTemp
source	<pre> <xs:element name="TemperatureRange" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:annotation> <xs:documentation>Temperature Range</xs:documentation> </pre>

	<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 MessageHeader Used for all messages RollingStockDataset Rolling Stock administrative and Technical Dataset 0..∞ 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

NumberOfAxes

The sum of number of axes 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	 Indicates the type of the rolling stock, used in the capacity product.		
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	<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> <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	Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not Route sequence 1..30
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>

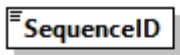
	<pre><xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

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**

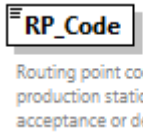
diagram	 Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:int
properties	content simple
annotation	documentation Position of the route section in transport chain. Used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

```
<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"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

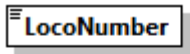
	<pre> <xs:element ref="GeoLocalisation"/> <xs:element name="TotalLoadWeight" minOccurs="0"> <xs:annotation> <xs:documentation>The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RunningStatusReportMessage/TransportDeviceID**

diagram	TransportDeviceID Type and identification of the object that is tracked by the telematic device. Only one of the choices has to be provided. OperationalTrainNumberIdentifier LocoNumber Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values. EuropeanVehicleNumber Number on 12 digits allocated to each rail vehicle to uniquely identify it from any other rail vehicle WagonNumberFreight Identifies uniquely the freight wagon by its number 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
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>

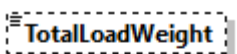
element **RunningStatusReportMessage/TransportDeviceID/LocoNumber**

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/LocIdent
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>[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 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	<table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>	minOcc	0	maxOcc	1
minOcc	0				
maxOcc	1				
used by	elements WagonPerformanceMessage/PerformanceData RollingStockTechnicalData UnitTechnicalData 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**

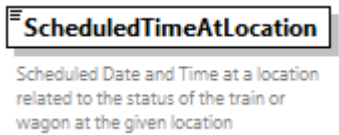
diagram	 The referenced date and time of arrival or exit at the border between two different IMs
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements OperationalTrainNumberIdentifier WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier 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**

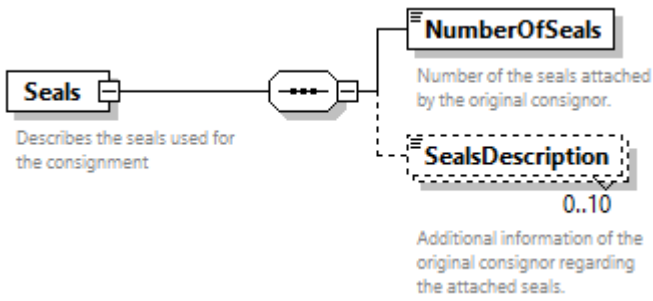
diagram	 The referenced date and time of departure or entrance at the border between two different IMs
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements OperationalTrainNumberIdentifier WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier
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>

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

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></pre>

	<pre> <xs:sequence> <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**

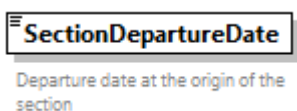
diagram	NumberOfSeals Number of the seals attached by the original consignor.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</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"></pre>									

	<pre> <xs:minInclusive value="0"/> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Seals/SealsDescription**

diagram	SealsDescription 0..10 Additional information of the original consignor regarding the attached seals.									
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**

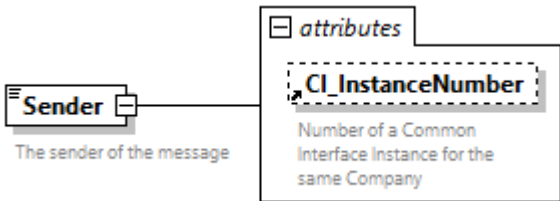
diagram	 The diagram shows a box labeled SectionDepartureDate with a dashed border. Below the box is the text: "Departure date at the origin of the section"
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
used by	element PassengerJourneySectionOrigin

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 to its 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 description 'The sender of the message' below it. A line connects it to a box labeled 'attributes' which contains a dashed box labeled 'CI_InstanceNumber' with the description '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**

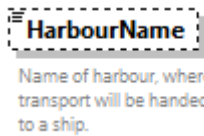
diagram	SenderReference reference used by the sender (e.g. FTP file name)									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	element MessageHeader									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</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 reference used by the sender (e.g. FTP file name)									
source	<pre><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></pre>									

element **Ship**

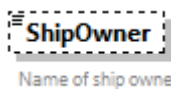
diagram	Ship Additional information for transports, which shall be handed over to a ship VesselIndication This element identifies to which extent the transportation unit is used HarbourName Name of harbour, where the transport will be handed over to a ship. ShipOwner Name of ship owner.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	
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**

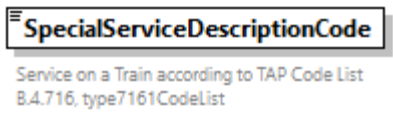
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</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 **SpecialServiceDescription**

diagram	<pre> classDiagram class SpecialServiceDescription { SpecialServiceDescriptionCode AvailabilityFrom AvailabilityTo } class SpecialServiceDescriptionCode { "Service on a Train according to TAP Code List B.4.716, type7161CodeList" } class AvailabilityFrom { "Location from where a service is available" } class AvailabilityTo { "Location to where a service is available" } SpecialServiceDescription --> SpecialServiceDescriptionCode SpecialServiceDescription --> AvailabilityFrom SpecialServiceDescription --> AvailabilityTo </pre>
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	 Service on a Train according to TAP Code List B.4.716, type7161CodeList		
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> </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="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"
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>
</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>

```

element **SpecialTreatments**

diagram	<pre> graph LR ST[SpecialTreatments Special treatment] --- Seq(()) Seq --- RP[RU_Partner Railway Undertaking dedicated to fulfill the special treatment] Seq --- STC[SpecialTreatmentCode Special Treatment code] Seq --- STI[SpecialTreatmentInformation Additional Text for codes with free text] Seq --- L[Location Identifies a Location using a LocationIdent] </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> </pre>

	<pre> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Location" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **SpecialTreatments/SpecialTreatmentCode**

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>length</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	length	2	
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	SpecialTreatmentInformation 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 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 **SRID**

diagram	SRID ID of coordinates system used (EPSG code)						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
used by	element GeographicCoordinates						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>[0-9]{4}</td><td></td></tr></table>	Kind	Value	Annotation	pattern	[0-9]{4}	
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 a container element (indicated by a dashed border) that contains a complex content model (represented by a box with three dots). This model includes four child 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	<u>LocationIdent</u>
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>

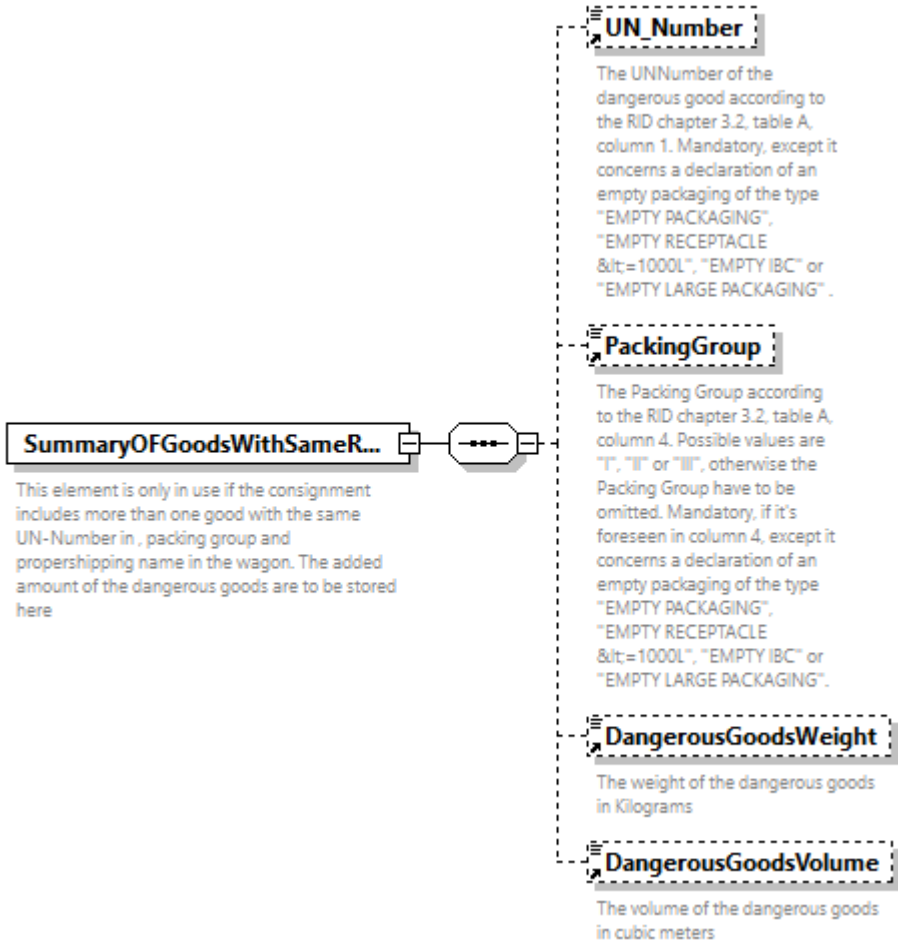
element **Station**

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><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>1</td><td></td></tr></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 **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> <xs:element ref="UN_Number" minOccurs="0"/> <xs:element ref="PackingGroup" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <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 **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> </xs:element> </pre>

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 cancellation.
source	<pre><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></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>

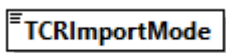
element **TCRID**

diagram	The diagram illustrates the structure of the TCRID element. It is a unique identifier for a TCR, composed of several parts: ObjectType, Company, Core, Variant, TimetableYear, and StartDate. The Core part is the main part of the identifier and is determined by the company that creates it. The Variant shows a relationship between two identifiers referring to the same business case. The TimetableYear refers to the timetable period in which the business will be carried out. The StartDate is 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 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><th>Kind</th><th>Value</th><th>Annotation</th></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**

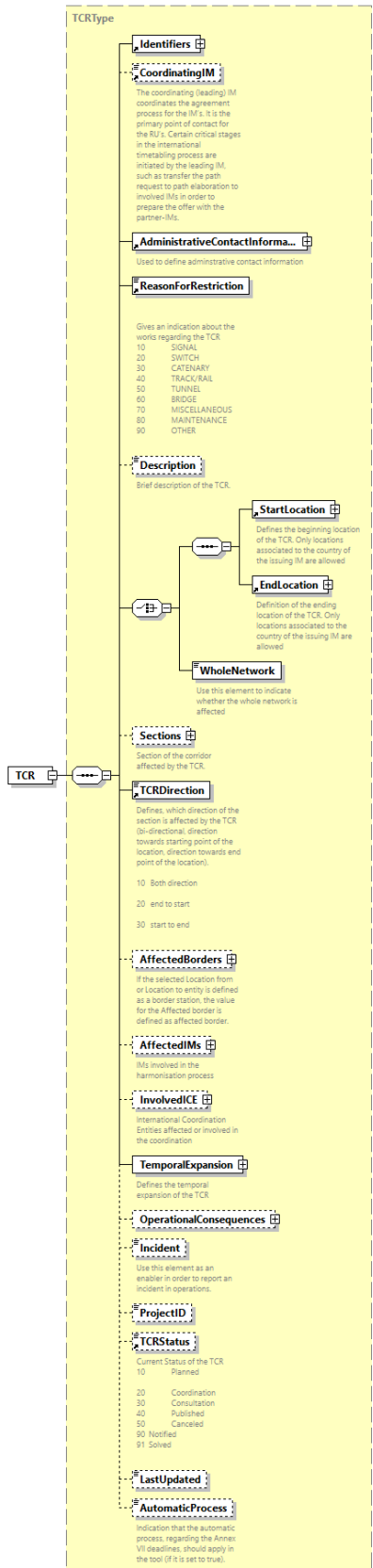
diagram	TCRMeasures Indication of traffic measures taken regarding the TCR. 10 Freight trains 20 LongDistance trains 30 ShortDistance trains 40 Commuter trains															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:token															
properties	content simple															
used by	complexTypes 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	The diagram shows the structure of the TCRMessage element. It is a complex type containing a sequence of two elements: MessageHeader and TCR. MessageHeader is used for all messages. TCR is used for all messages.
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>

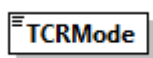
element **TCRMessage/TCR**

diagram

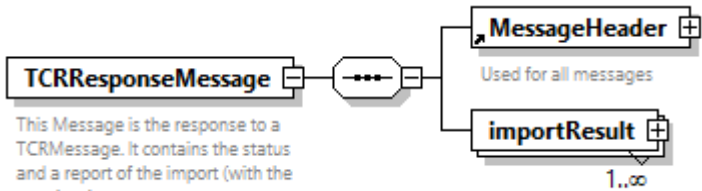


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	TCRType
properties	content complex
children	Identifiers CoordinatingIM AdministrativeContactInformation ReasonForRestriction Description StartLocation EndLocation WholeNetwork Sections TCRDirection AffectedBorders AffectedIMs InvolvedICE TemporalExpansion 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	 This Message is the response to a TCRMessage. It contains the status and a report of the import (with the warnings). The diagram shows a sequence diagram where TCRResponseMessage is followed by a choice of MessageHeader (labeled 'Used for all messages') and importResult (with 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	<pre> sequenceDiagram participant importResult as importResult 1..∞ participant TCRID as TCRID participant SyntaxValidation as SyntaxValidation participant SemanticValidation as SemanticValidation participant DataValidation as DataValidation participant TCRMode as TCRMode importResult --> TCRID importResult --> SyntaxValidation importResult --> SemanticValidation importResult --> DataValidation importResult --> TCRMode </pre>
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	TCRStatus Current Status of the TCR 10 Planned 20 Coordination 30 Consultation 40 Published 50 Canceled 90 Notified 91 Solved																								
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																								
type	restriction of xs:token																								
properties	content simple																								
used by	element TCRSearchCriteria/TCRStatusSearch complexType TCRType																								
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><tr><td>enumeration</td><td>50</td><td></td></tr><tr><td>enumeration</td><td>90</td><td></td></tr><tr><td>enumeration</td><td>91</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	10		enumeration	20		enumeration	30		enumeration	40		enumeration	50		enumeration	90		enumeration	91	
Kind	Value	Annotation																							
enumeration	10																								
enumeration	20																								
enumeration	30																								
enumeration	40																								
enumeration	50																								
enumeration	90																								
enumeration	91																								
annotation	documentation Current Status of the TCR 10 Planned 20 Coordination 30 Consultation 40 Published 50 Canceled 90 Notified 91 Solved																								
source	<pre><xs:element name="TCRStatus"> <xs:annotation> <xs:documentation>Current Status of the TCR 10 Planned 20 Coordination 30 Consultation 40 Published 50 Canceled 90 Notified 91 Solved </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"/> <xs:enumeration value="20"/></pre>																								

	<pre> <xs:enumeration value="30"/> <xs:enumeration value="40"/> <xs:enumeration value="50"/> <xs:enumeration value="90"/> <xs:enumeration value="91"/> </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:sequence> </xs:complexType> </xs:element> </pre>					

	<pre> <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> <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	<u>TimeAndOffset</u>
properties	content complex
children	<u>Time Offset</u>
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

	<table><tr><td>enumeration</td><td>52</td><td>P (+F) - Speed restriction documentation</td></tr><tr><td>enumeration</td><td>61</td><td>P (+F) - Diesel locomotive instead of electric locomotive documentation</td></tr><tr><td>enumeration</td><td>62</td><td>F - Wagon forming part of a consignment of several wagons documentation</td></tr><tr><td>enumeration</td><td>63</td><td>F - Wagon forming part of a group of wagons from which it must not be separated documentation</td></tr><tr><td>enumeration</td><td>68</td><td>F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one documentation</td></tr><tr><td>enumeration</td><td>70</td><td>F - First or last wagon of a wagon group from which it must not be separated documentation</td></tr><tr><td>enumeration</td><td>71</td><td>F - Shunt with care (1 red triangle) documentation</td></tr><tr><td>enumeration</td><td>90</td><td>F - Shunt with special care (2 red triangle) documentation</td></tr><tr><td>enumeration</td><td>91</td><td>P - Train planned with passengers operated without passengers documentation</td></tr><tr><td>enumeration</td><td>92</td><td>P - Train planned without passengers operated with passengers documentation</td></tr><tr><td>enumeration</td><td>94</td><td>P - Train planned with hauled rolling stock and operated without any coaches (light engine) documentation</td></tr><tr><td>enumeration</td><td>99</td><td>F - Gas carrying wagon without orange side stripe documentation</td></tr><tr><td></td><td></td><td>P - Other</td></tr></table>	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
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		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></td><td style="text-align: right;">x</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: right;">x</td></tr></table>	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																		
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	
	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
	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

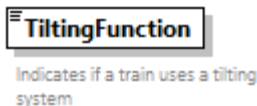
		T	D	L	
07	F				Shunt only when hand brake operable with ground staff
					x
11	F				Wagon other than bogie wagon with wheelbase of more than 9 metres
					x
12	F				Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
13	F				Bogie wagon with 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)

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 **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><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>256</td><td></td></tr></tbody></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	
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**

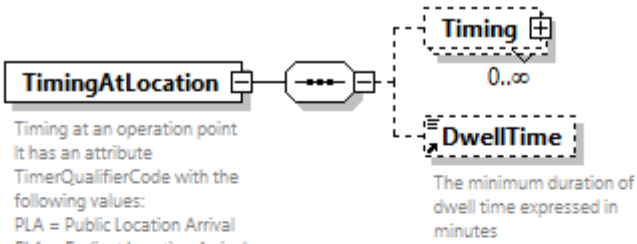
diagram	TimetableYear Refers to the timetable period in which the business will be carried out									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	complexTypees CompositIdentifierOperationalType CompositIdentifierPlannedType									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>2012</td><td></td></tr><tr><td>maxInclusive</td><td>2097</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	2012		maxInclusive	2097	
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></pre>									

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

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><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>0</td><td>documentation Weekly</td></tr><tr><td>enumeration</td><td>1</td><td>documentation Monthly</td></tr></tbody></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 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
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 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
source	<pre><xs:element name="TimingAtLocation"> <xs:annotation> <xs:documentation>Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival</pre>

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

```

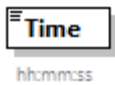
    </xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Timing" minOccurs="0" maxOccurs="unbounded">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Time">
              <xs:annotation>
                <xs:documentation>hh:mm:ss</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>

```

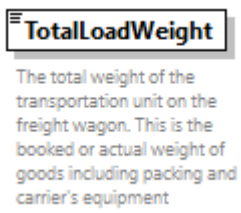
element **TimingAtLocation/Timing**

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 **TotalLoadWeight**

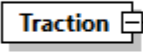
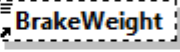
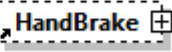
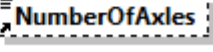
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	WeightValueKilo
properties	content simple
used by	elements WagonPerformanceMessage/PerformanceData RollingStockTechnicalData UnitTechnicalData WagonOperationalData
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace 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></pre>

	<pre> </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	  0..24 Defines the design series, mode of deployment and technical specifications associated with the traction of a train.  Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes   The sum of number of axles of all wagons and all traction units		

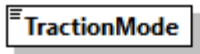
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TractionDetails BrakeWeight HandBrake NumberOfAxles
source	<pre> <xs:element name="Traction"> <xs:complexType> <xs:sequence> <xs:element ref="TractionDetails" minOccurs="0" maxOccurs="24"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="HandBrake" minOccurs="0"/> <xs:element ref="NumberOfAxles" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TractionDetails**

diagram	
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> <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 milimetres - 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 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 Intermediate traction - 2nd traction unit in the group
	enumeration	32	documentation Banking locomotive - 2nd traction unit in the group
	enumeration	42	documentation Banking locomotive not coupled - 2nd traction unit in the group
	enumeration	52	documentation Train traction in the rear of the train - 2nd traction unit in the group
	enumeration	13	documentation Train traction in the front of the train - 3rd traction unit in the group
	enumeration	23	documentation Intermediate traction - 3rd traction unit in the group
	enumeration	33	documentation Banking locomotive - 3rd traction unit in the group
	enumeration	43	documentation Banking locomotive not coupled - 3rd traction unit in the group
	enumeration	53	documentation Train traction in the rear of the train - 3rd traction unit in the group
	enumeration	14	documentation Train traction in the front of the train - 4th traction unit in the group
	enumeration	24	documentation Intermediate traction - 4th traction unit in the group
	enumeration	34	documentation Banking locomotive - 4th traction unit in the group
	enumeration	44	documentation Banking locomotive not coupled - 4th traction unit in the group
	enumeration	54	documentation Train traction in the rear of the train - 4th traction unit in the group
	enumeration	15	documentation Train traction in the front of the train - 5th traction unit in the group
	enumeration	25	documentation Intermediate traction - 5th traction unit in the group
	enumeration	35	documentation Banking locomotive - 5th traction unit in the group
	enumeration	45	documentation Banking locomotive not coupled - 5th traction unit in the group
	enumeration	55	documentation

	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	<pre> <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 </pre>

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unit in the group</xs:documentation>
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  <xs:annotation>
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unit in the group</xs:documentation>
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</xs:enumeration>
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    <xs:documentation>Intermediate traction - 2nd traction unit in the
group</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="32">
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group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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the group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
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unit in the group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <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:annotation>
    </xs:enumeration>
    <xs:enumeration value="53">
        <xs:annotation>
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unit in the group</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
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unit in the group</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="24">
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group</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="34">
        <xs:annotation>
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group</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="44">
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the group</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="54">
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unit in the group</xs:documentation>
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group</xs:documentation>
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group</xs:documentation>
        </xs:annotation>
    </xs:enumeration>

```

```

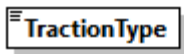
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</xs:enumeration>
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unit in the group</xs:documentation>
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  </xs:annotation>
</xs:enumeration>
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  </xs:annotation>
</xs:enumeration>
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group</xs:documentation>
  </xs:annotation>
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the group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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unit in the group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

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	element TrainCompositionJourneySection/LocIdent									
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> <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	TrainCompositionJourneySection/Locident 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	

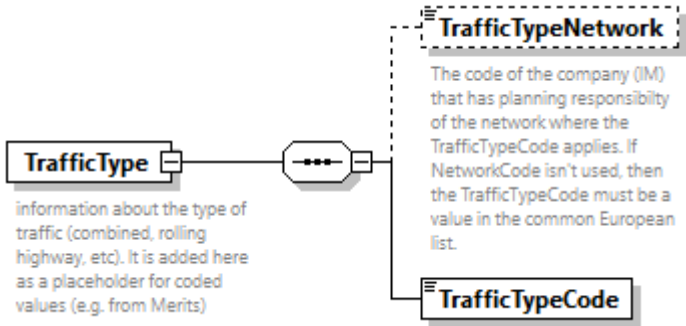
	enumeration 33 enumeration 34
annotation	documentation Identifies the type of a locomotive: First digit: "0" = not specified "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) "2" = on-board traction power supply for traction without external 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"/> <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:restriction> </xs:simpleType> </xs:element> </pre>

	<pre> <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	TractionWeight The weight of the traction unit									
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 **TrafficType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrafficTypeNetwork TrafficTypeCode

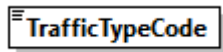
used by	element PlannedTrainData complexType CapacityModelType
annotation	documentation information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)
source	<pre> <xs:element name="TrafficType"> <xs:annotation> <xs:documentation>information 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 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> <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	 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	Kind	Value	Annotation
	minLength	4	

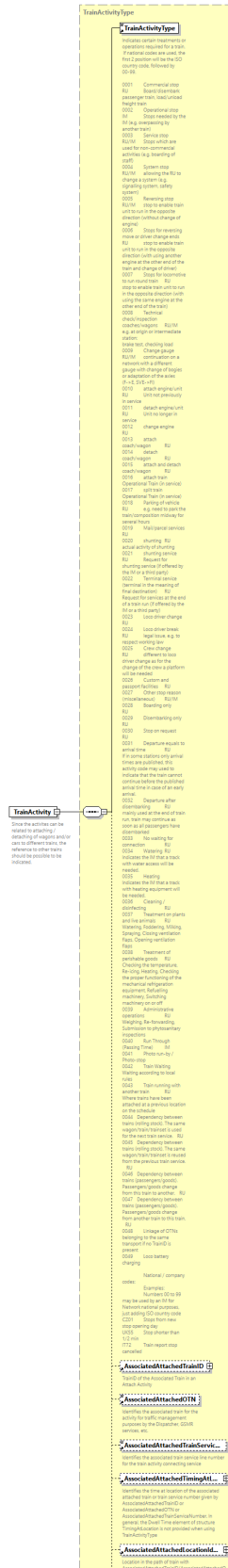
	maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.
source	<pre><xs:element name="TrafficTypeNetwork" 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
RU Basic disembark, passenger train, load/unload
0002 Operational stop
M Stop needed by the M (e.g. oversteering by another train)
0003 Service stop
RU/M Stop which are used for non-commercial activities (e.g. loading of cargo)
0004 System stop
RU/M allowing the RU to change a system (e.g. signaling system, safety system)
0005 Reversing stop
RU/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
RU stop to enable train unit to run in the opposite direction using another engine at the other end of the train and change of driver
0007 Stops for locomotive to run and 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/operation
coaches/wagons RU/M e.g. at origin or intermediate station
0009 Change gauge
RU/M connection for a network with a different gauge with change of bogies or location of the axle
0-10 010-015
0100 check engine/unit
RU Unit not previously in service
0110 detach engine/unit
RU Unit no longer in service
0120 change engine
RU
0130 attach coach/wagon RU
0140 detach coach/wagon RU
0150 attach and detach coach/wagon RU
0160 attach train Operational Train (in service)
0170 Unit train Operational Train (in service)
0180 Peeking of vehicle RU e.g. need to park the train (operation relevant for several hours)
0190 Multiracial services RU
0200 shunting RU actual activity of shunting
0210 shunting service RU Request for shunting service (offered by the M or a third party)
0220 Terminal service (terminal in the meaning of their destination) RU Request for services at the end of a train run (offered by the M or a third party)
0230 Local driver change RU
0240 Local driver break RU legal issue, e.g. to reassigning train
0250 Crew change RU Reassign to local driver change as for the change of the crew a platform will be needed
0260 Customs and passport facilities RU
0270 Other stop reason (noncommercial) RU/M
0280 Boarding only RU
0290 Disembarking only RU
0300 Stop on request RU
0310 Departure equals to arrival time RU 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.
0320 Departure after disembarking RU mainly used at the end of train run, train may continue as soon as all passengers have disembarked
0330 No waiting for connection RU
0340 Waiting RU Indicates the M that a track with water access will be needed
0350 Heating Indicates the M that a track with heating equipment will be needed
0360 Cleaning / disinfecting RU
0370 Treatment on plants and live animals RU
0380 Loading, Unloading, Mixing, Scraping, Cooling, ventilation, Heat, Cooling, ventilation, Heat
0390 Treatment of perishable goods RU
0400 Checking the temperature, Re-icing, Heating, Checking the proper functioning of the mechanical refrigeration equipment, Refueling, machinery on or off
0410 Administrative operations RU
0420 Unloading Re-forwarding, Submission to phyto-sanitary inspection
0500 Run Through
0510 Photo run-by / Photo stop
0520 Train starting Waiting according to local rules
0530 Train running with another train RU Where trains have been attached at a previous location or the schedule
0540 Dependency between trains (rolling stock). The same wagon/train/trainset is used for the next train service. RU
0550 Dependency between trains (rolling stock). The same wagon/train/trainset is reused from the previous train service. RU
0560 Dependency between trains (passenger goods). Passenger goods change from this train to another. RU
0570 Dependency between trains (passenger goods). Passenger goods change from another train to this train. RU
0580 Linage of OTNs belonging to the same transport if no TrainID is present
0590 Local battery charging
0600 National / company
0610 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																																																																																																																								
	minLength	4																																																																																																																									
	maxLength	4																																																																																																																									
annotation	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. <table> <tr> <td>0001</td> <td>Commercial stop</td> <td>RU</td> <td>Board/disembark passenger train, load/unload freight train</td> </tr> <tr> <td>0002</td> <td>Operational stop</td> <td>IM</td> <td>Stops needed by the IM (e.g. overpassing by another train)</td> </tr> <tr> <td>0003</td> <td>Service stop</td> <td>RU/IM</td> <td>Stops which are used for non-commercial activities (e.g. boarding of staff)</td> </tr> <tr> <td>0004</td> <td>System stop</td> <td>RU/IM</td> <td>allowing the RU to change a system (e.g. signalling system, safety system)</td> </tr> <tr> <td>0005</td> <td>Reversing stop</td> <td>RU/IM</td> <td>stop to enable train unit to run in the opposite direction (without change of engine)</td> </tr> <tr> <td>0006</td> <td>Stops for reversing move or driver change ends</td> <td>RU</td> <td>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)</td> </tr> <tr> <td>0007</td> <td>Stops for locomotive to run round train</td> <td>RU</td> <td>stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train)</td> </tr> <tr> <td>0008</td> <td>Technical check/inspection coaches/wagons</td> <td>RU/IM</td> <td>e.g. at origin or intermediate station: brake test, checking load</td> </tr> <tr> <td>0009</td> <td>Change gauge</td> <td>RU/IM</td> <td>continuation on a network with a different gauge with change of bogies or adaptation of the axles (F->E, SVE->FI)</td> </tr> <tr> <td>0010</td> <td>attach engine/unit</td> <td>RU</td> <td>Unit not previously in service</td> </tr> <tr> <td>0011</td> <td>detach engine/unit</td> <td>RU</td> <td>Unit no longer in service</td> </tr> <tr> <td>0012</td> <td>change engine</td> <td>RU</td> <td></td> </tr> <tr> <td>0013</td> <td>attach coach/wagon</td> <td>RU</td> <td></td> </tr> <tr> <td>0014</td> <td>detach coach/wagon</td> <td>RU</td> <td></td> </tr> <tr> <td>0015</td> <td>attach and detach coach/wagon</td> <td>RU</td> <td></td> </tr> <tr> <td>0016</td> <td>attach train</td> <td></td> <td>Operational Train (in service)</td> </tr> <tr> <td>0017</td> <td>split train</td> <td></td> <td>Operational Train (in service)</td> </tr> <tr> <td>0018</td> <td>Parking of vehicle</td> <td>RU</td> <td>e.g. need to park the train/composition midway for several hours</td> </tr> <tr> <td>0019</td> <td>Mail/parcel services</td> <td>RU</td> <td></td> </tr> <tr> <td>0020</td> <td>shunting</td> <td>RU</td> <td>actual activity of shunting</td> </tr> <tr> <td>0021</td> <td>shunting service</td> <td>RU</td> <td>Request for shunting service (if offered by the IM or a third party)</td> </tr> <tr> <td>0022</td> <td>Terminal service (terminal in the meaning of final destination)</td> <td>RU</td> <td>Request for services at the end of a train run (if offered by the IM or a third party)</td> </tr> <tr> <td>0023</td> <td>Loco driver change</td> <td>RU</td> <td></td> </tr> <tr> <td>0024</td> <td>Loco driver break</td> <td>RU</td> <td>legal issue, e.g. to respect working law</td> </tr> <tr> <td>0025</td> <td>Crew change</td> <td>RU</td> <td>different to loco driver change as for the change of the crew a platform will be needed</td> </tr> <tr> <td>0026</td> <td>Custom and passport facilities</td> <td>RU</td> <td></td> </tr> <tr> <td>0027</td> <td>Other stop reason (miscellaneous)</td> <td>RU/IM</td> <td></td> </tr> <tr> <td>0028</td> <td>Boarding only</td> <td>RU</td> <td></td> </tr> <tr> <td>0029</td> <td>Disembarking only</td> <td>RU</td> <td></td> </tr> <tr> <td>0030</td> <td>Stop on request</td> <td>RU</td> <td></td> </tr> </table>			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)	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	
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	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
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

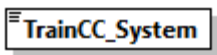
	0039 Administrative operations RU Weighing, Re-forwarding, Submission to phytosanitary inspections 0040 Run Through (Passing Time)IM 0041 Photo run-by / Photo-stop 0042 Train Waiting Waiting according to local rules 0043 Train running with another train RU Where trains have been attached at a previous 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	
	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	05	
	enumeration	06	
	enumeration	07	
	enumeration	08	
	enumeration	09	
	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 30 enumeration 31 enumeration 32 enumeration 33 enumeration 34 enumeration 35 enumeration 36 enumeration 37 enumeration 38 enumeration 39 enumeration 40 enumeration 41 enumeration 42 enumeration 43 enumeration 44 enumeration 45 enumeration 46 enumeration 47 enumeration 48 enumeration 49 enumeration 50 enumeration 51 enumeration 52 enumeration 53 enumeration 54
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 **TrainCompositionJourneySection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	JourneySection TrainRunningData Locolent 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/Locoldent**

diagram

Locoldent
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
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	minOcc0 maxOcc1 contentsimple									
used by	element UnitData									
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 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**

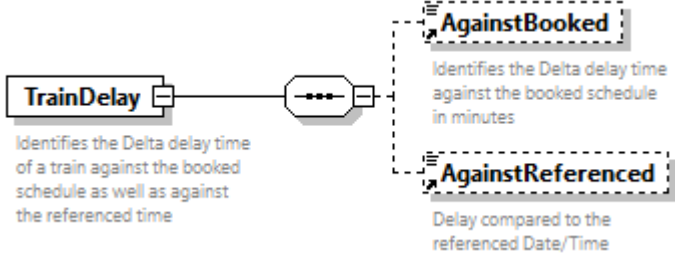
diagram	TrainCompositionMessage This message is sent from an RU to an IM defining the composition of the proposed train. MessageHeader: Used for all messages MessageStatus: Assigned by the Sender 1=creation, 2=modification, 3=deletion TransportOperationalIdentifiers: 0..∞ OperationalTrainNumberIdentifier: 1..99 ReferenceOTN TransferPoint: Transfer point or station of destination in the considered network TransfereeIM: Next IM TrainCompositionJourneySection: 1..99 Defines the make up of a train for each section of its journey
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	 TrainDelay Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time AgainstBooked Identifies the Delta delay time against the booked schedule in minutes 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 OperationalTrainNumberIdentifier ReferenceOTN 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 **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 identifies a Country or State by code (ISO 3166-1). The LocationPrimaryCode element is a code. The PrimaryLocationName element is the Location Name in an official language of the Country using the ISO Unicode alphabet. The LocationSubsidiaryIdentification element is the 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 (+) OperationalTrainNumberIdentifier (+) 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	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	<u>CompositIdentifierOperationalType</u>

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	The diagram illustrates the structure of the PathPlanningReferenceLocation element. It is shown as an extension of the LocationIdent base type. The extension is highlighted in a yellow box and includes the following components: CountryCodeISO: Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode: (Implied by the extension structure) PrimaryLocationName: Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification: Code, Name and allocation company of Subsidiary Location The PathPlanningReferenceLocation element itself is described as: "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."
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	The diagram illustrates the structure of the TrainJourneyModification element. It is a sequence container (represented by a rectangle with a small square on the right) containing two elements connected by a sequence line (a line with three dots in the middle). The first element is TrainJourneyModificationIndicator, represented by a rectangle with a small square on the right. The second element is LocationModified, represented by a rectangle with a small square on the right and a plus sign in the top right corner. Below the LocationModified element, the multiplicity 1..∞ is indicated. Descriptive text for each element is provided: 'This element shows which locations are changed during the running of a train' for TrainJourneyModification, 'This indicates what has changed in the train running e.g. rerouting, cancellation etc.' for TrainJourneyModificationIndicator, and 'This element shows the Location that has been changed for the train run' for LocationModified.
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**

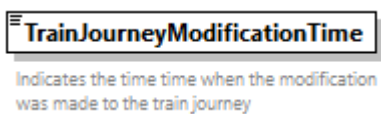
diagram	TrainJourneyModificationIndica... This indicates what has changed in the train running e.g. rerouting, cancellation etc..									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainJourneyModification									
facets	<table><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 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 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 + 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

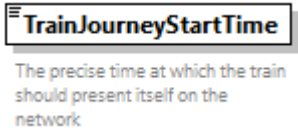
	changed
source	<pre> <xs:element name="TrainJourneyModificationMessage"> <xs:annotation> <xs:documentation> This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <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	
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> </xs:annotation> </xs:element> </pre>

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

element **TrainJourneyStartTime**

diagram	
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>

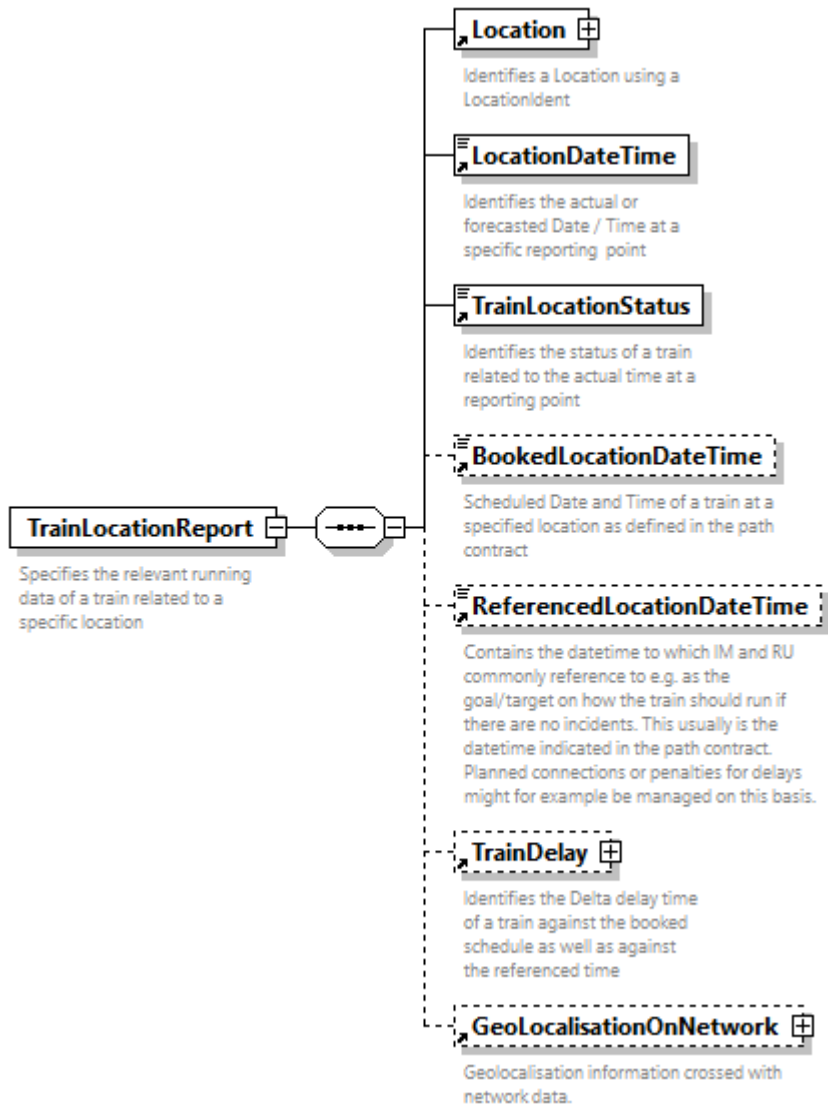
element **TrainLength**

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									
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	<pre><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></pre>									

</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](#)

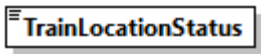
annotation documentation
Specifies the relevant running data of a train related to a specific location

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	 Identifies the status of a train 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	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**

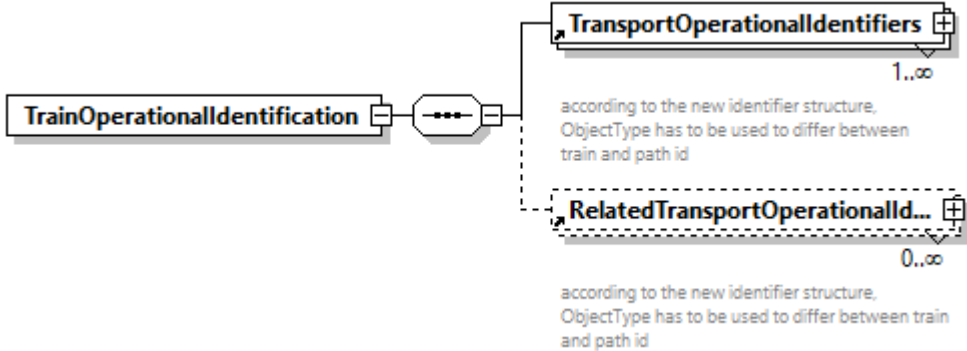
diagram	TrainMaxSpeed The max. possible speed of a train in km/h									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Speed									
properties	content simple									
used by	elements PassengerTrainData PlannedTrainTechnicalData TechnicalParameters TrainRunningTechData									
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> </xs:element>									

	<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	 according to the new identifier structure, ObjectType has to be used to differ between train and path id according to the new identifier structure, ObjectType has to be used to differ between train and path id
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	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:sequence> </xs:complexType> </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**

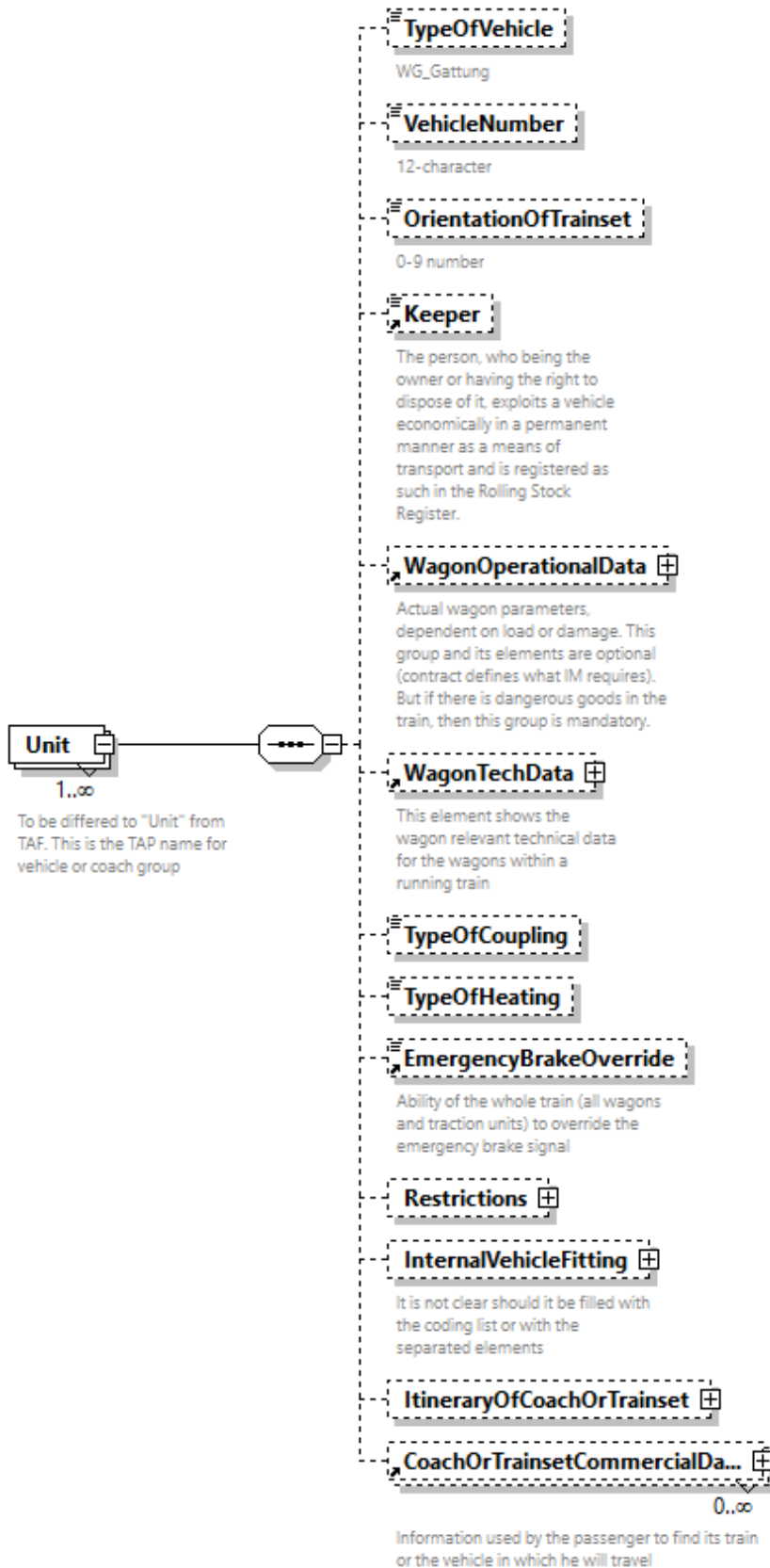
type	xs:integer
properties	use required
source	<pre> <xs:attribute name="CountOfUnits" type="xs:integer" use="required"/> </pre>

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>

	<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>

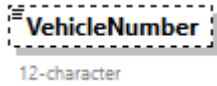
	<pre> <xs:element ref="TimingAtLocation"/> <xs:element name="FinalRU"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> <xs:element name="AssociatedTrain" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="LocationOfChange" type="LocationIdent" 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	
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>

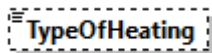
element **TrainOrCoachGroupComposition/Unit/OrientationOfTrainset**

diagram	 The diagram shows a dashed box containing the text "OrientationOfTrainset" in bold. Below the box, the text "0-9 number" is written.
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>

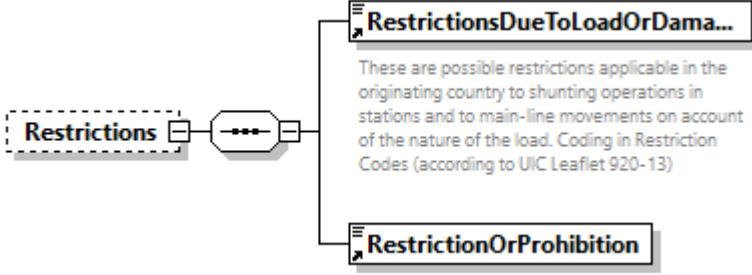
element **TrainOrCoachGroupComposition/Unit/TypeOfCoupling**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	minOcc 0 maxOcc 1 content simple									
facets	<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									
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>									

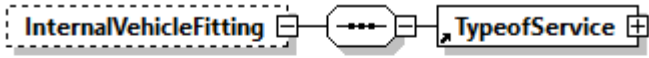
element **TrainOrCoachGroupComposition/Unit/TypeOfHeating**

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>									

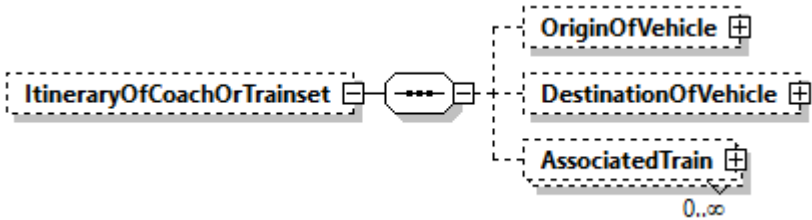
element **TrainOrCoachGroupComposition/Unit/Restrictions**

diagram	 A diagram showing the "Restrictions" element as a dashed box. It is connected to two other elements: "RestrictionsDueToLoadOrDamage" and "RestrictionOrProhibition". The "RestrictionsDueToLoadOrDamage" element has a text description: "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	 The diagram shows the InternalVehicleFitting element (dashed box) containing a sequence of elements (oval with three dots). The first element is TypeofService (solid box). Below the diagram, there is a note: "It is not clear should it be filled with the coding list or with the separated elements". Information about the services available on a train. Used for publication towards the passenger
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	 The diagram shows the ItineraryOfCoachOrTrainset element (dashed box) containing a sequence of elements (oval with three dots). The first element is OriginOfVehicle (dashed box), followed by DestinationOfVehicle (dashed box), and then AssociatedTrain (dashed box). Below the diagram, there is a note: "0..∞".
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>

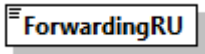
```

element **TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/OriginOfVehicle**

diagram	
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	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 FinalRU
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>

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

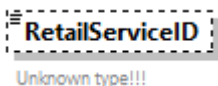
TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/AssociatedTrain/LocationOfChange

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	 <pre> <xs:element name="RetailServiceID" minOccurs="0"> <xs:annotation> <xs:documentation>Unknown type!!!</xs:documentation> </xs:annotation> </xs:element></pre>
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>

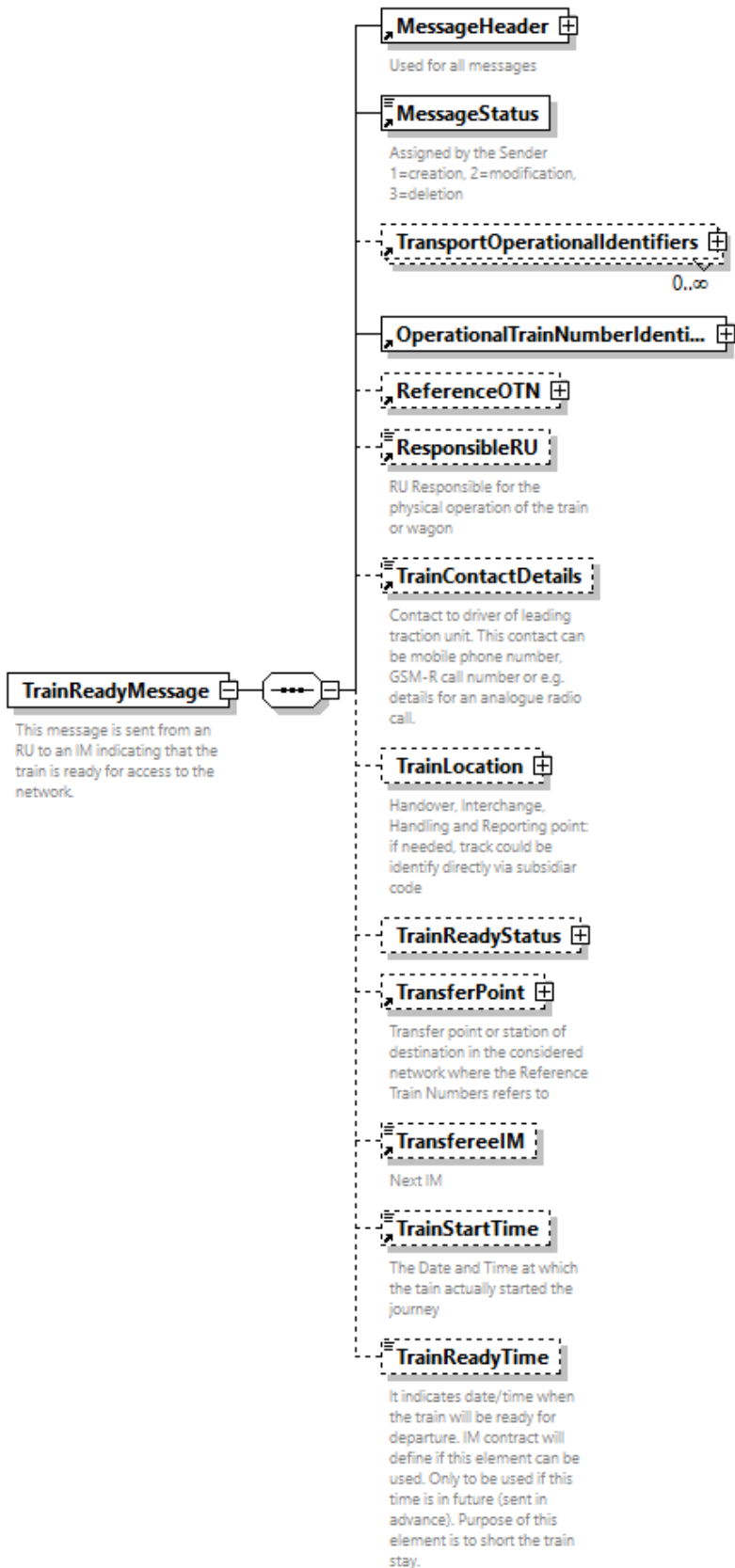
element **TrainRadioSystem**

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	<xs:element name="TrainRadioSystem"> <xs:annotation>									

	<pre><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**

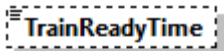
diagram	TrainReady 0=Not Ready 1=Ready									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><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 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**

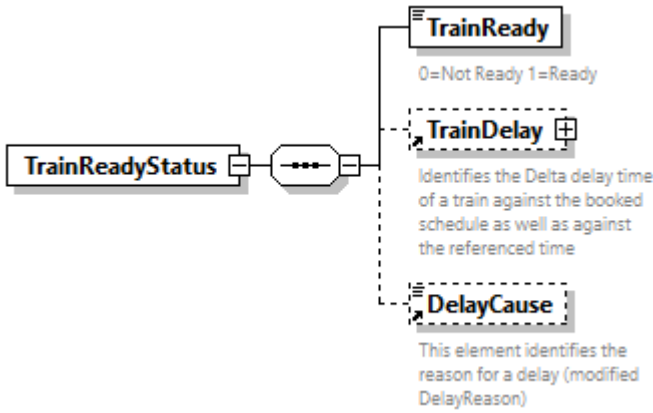
diagram	

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	 The diagram shows the TrainReadyStatus element containing a sequence of three sub-elements: TrainReady, TrainDelay, and DelayCause. TrainReady is annotated with '0=Not Ready 1=Ready'. TrainDelay is annotated with 'Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time'. DelayCause is annotated with '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><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>0</td><td></td></tr></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 container element (rectangle with a small square in the top-left corner) labeled TrainRunningData with the description "Train relevant data for a running train". It is connected to a complex type (rectangle with a small square in the top-left corner) labeled TrainRunningData. This complex type is further connected to a sequence of elements (rectangle with a small square in the top-left corner) labeled TrainRunningData. The sequence contains five elements: TrainRunningTechData (rectangle with a small square in the top-left corner, description: "Shows the relevant technical data for a running train"), ExceptionalGaugingInd (dashed rectangle with a small square in the top-left corner, description: "Indicates that an exceptional gauging is in the train or for the wagon - (true/false)"), DangerousGoodsIndicator (dashed rectangle with a small square in the top-left corner, description: "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"), Activities (dashed rectangle with a small square in the top-left corner, description: "0..99"), and Notes (dashed rectangle with a small square in the top-left corner, description: "0..∞", "Remarks to be transmitted to IM").
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 (+) (dashed box) OperationalTrainNumberIdenti... (+) (dashed box) ReferenceOTN (+) (dashed box) ResponsibleRU (+) (dashed box): RU Responsible for the physical operation of the train or wagon TrainLocationReport (+) (dashed box): Specifies the relevant running data of a train related to a specific location TransferPoint (+) (dashed box): Transfer point or station of destination in the considered network TransfereeIM (+) (dashed box): 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) 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.
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	TrainRunningInterruptionMess... 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. MessageHeader (+): Used for all messages MessageStatus (+): Assigned by the Sender 1=creation, 2=modification, 3=deletion TrainOperationalIdentification (+) OperationalTrainNumberIdentifi... (+) ReferenceOTN (+) ResponsibleRU (+): RU Responsible for the physical operation of the train or wagon InterruptionPoint (+): describes the interruption points with location and the reason for the interruption TrainRunningInterruptionStatus (+) TransferPoint (+): Transfer point or station of destination in the considered network TransfereelM (+): Next IM
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:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

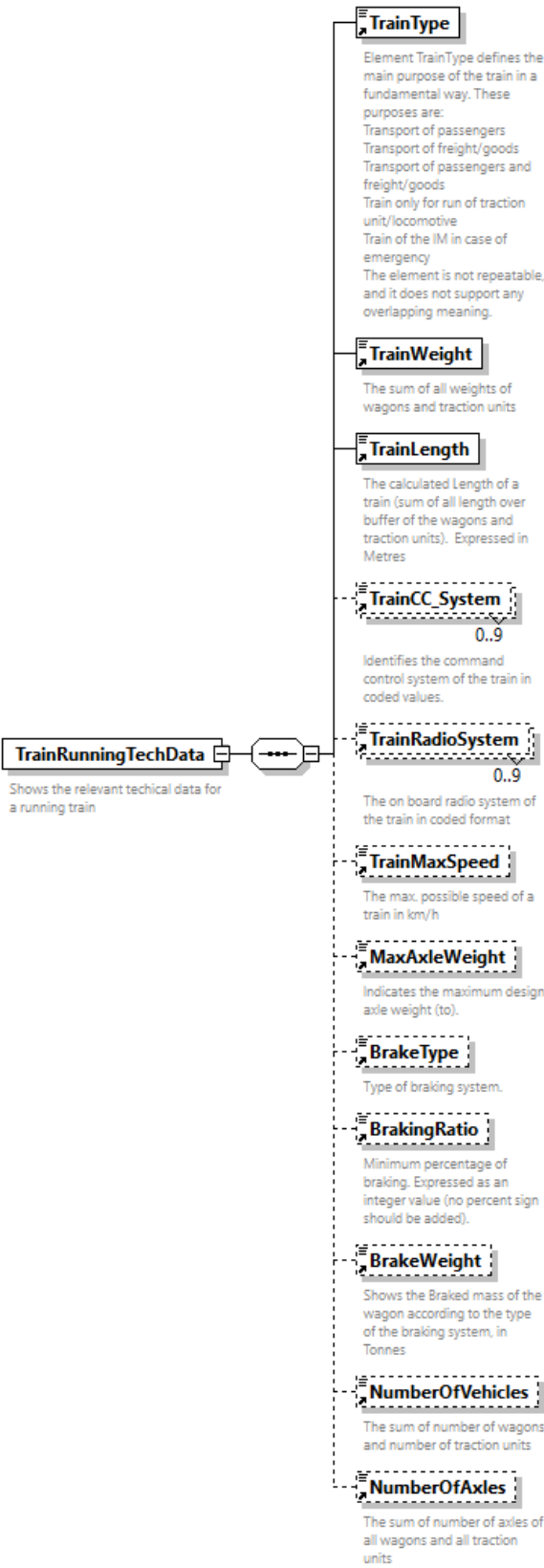
	<pre> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRunningInterruptionStatus/TrainInterrupted**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:integer												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>0</td><td>documentation Not Interrupted</td></tr><tr><td>enumeration</td><td>1</td><td>documentation Interrupted at location (default)</td></tr><tr><td>enumeration</td><td>2</td><td>documentation Will be interrupted, not yet at location</td></tr></tbody></table>	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
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**

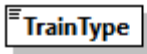
diagram	TrainsetID Coding used to identify uniquely a trainset									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>12</td><td></td></tr></tbody></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 train 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 train actually started the journey
source	<pre> <xs:element name="TrainStartTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The Date and Time at which the train actually started the journey</xs:documentation> </xs:annotation> </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	elements	PassengerTrainData PlannedTrainData TrainRunningTechData	
	complexType	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:restriction> </xs:simpleType> </pre>		

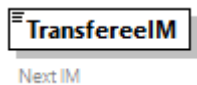
	<pre> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Freight train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Light engine (locomotive train)</xs:documentation> </xs:annotation> </xs:enumeration> <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									
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	<xs:element name="TrainWeight"> <xs:annotation> <xs:documentation>The sum of all weights of wagons and traction									

	<pre> units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WeightValueTonne"> <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/AssociatedTrain ChangeOfTrackMessage 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 a complex type that contains a LocationIdent element. The LocationIdent element is a complex type that contains four sub-elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. 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 TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/AssociatedTrain ChangeOfTrackMessage 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 structure of the TransportInstruction element. It is a complex type that contains 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 **TransportOperationalIdentifiers**

diagram	TransportOperationalIdentifiers CompositIdentifierOperationalType (extension) 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	extension of CompositIdentifierOperationalType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements AssociatedTrain ErrorMessage PassengerTrainCompositionMessage RollingStockRestrictionMessage TrainCompositionMessage TrainOperationalIdentification TrainReadyMessage
source	<pre> <xs:element name="TransportOperationalIdentifiers"> <xs:complexType> <xs:complexContent> <xs:extension base="CompositIdentifierOperationalType"/> </xs:complexContent> </xs:complexType> </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 **TypeOfHeating**

diagram	TypeOfHeating 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><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>3</td><td></td></tr><tr><td>enumeration</td><td>4</td><td>Other or not known</td></tr></tbody></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	TypeOfIMHarmonization 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	Kind Value Annotation enumeration Full enumeration Part
annotation	documentation Enumeration of Type of IM harmonization: Full, Part
source	<xs:element name="TypeOfIMHarmonization" type="TypeOfIMHarmonizationCode"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> </xs:element>

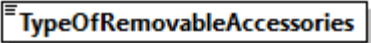
element **TypeOfInformation**

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</td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99		enumeration	1	documentation harmonisation - in process	enumeration	2	documentation
Kind	Value	Annotation														
minInclusive	0															
maxInclusive	99															
enumeration	1	documentation harmonisation - in process														
enumeration	2	documentation														

		enumeration 3	harmonisation - accepted documentation
		enumeration 4	harmonisation - rejected documentation
		enumeration 5	Request ready documentation
		enumeration 6	path study request documentation
		enumeration 7	pre-arranged path/reserve capacity documentation
		enumeration 8	create offer documentation
		enumeration 9	coordination update documentation
		enumeration 10	draft offer documentation
		enumeration 11	draft alternative offer documentation
		enumeration 12	observation - in process documentation
		enumeration 13	observation - complete documentation
		enumeration 14	preparation of final offer - in process documentation
		enumeration 15	preparation of final offer - accepted documentation
		enumeration 16	preparation of final offer - rejected documentation
		enumeration 17	final offer documentation
		enumeration 18	final offer - accepted documentation
		enumeration 19	alternative offer accepted documentation
		enumeration 20	pre-accepted offer documentation
		enumeration 21	Final Offer rejected documentation
		enumeration 22	no alternative available documentation
		enumeration 23	booked documentation
		enumeration 24	preparation of draft alternative offer is in progress documentation
		enumeration 25	alternative offer triggered by IM documentation
		enumeration 26	offer/final offer rejected (without revision) documentation
		enumeration 27	alternative offer rejected (without revision) documentation
		enumeration 28	offer/final offer rejected (revision required) documentation
		enumeration 29	alternative offer rejected (revision required) documentation

	enumeration 30 withdrawal 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: 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 **TypeOfRemovableAccessories**

diagram	 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	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 Removable side rail
	enumeration	05	documentation Removable intermediate upright for securing the load
	enumeration	06	documentation Stanchion chain
	enumeration	07	documentation Removable handle and wheel for winch on car-carrying wagon
	enumeration	08	documentation Swivelling bolster (with stanchions)
	enumeration	09	documentation Coupling rod (rigid coupling)
	enumeration	10	documentation Ice bunker
	enumeration	11	documentation Ice bunker screen
	enumeration	12	documentation Ice bunker frame
	enumeration	13	documentation Trestle or bar with hooks for hanging meat
	enumeration	14	documentation Movable cross-member of wagon with low loading plane
	enumeration	15	documentation Removable support
	enumeration	16	documentation Mooring cross-member on wagon for special loads
	enumeration	17	documentation Movable floor panel on wagon for special loads
	enumeration	18	documentation Scotch
	enumeration	19	documentation Skid bar with or without shoes on car-carrying wagon
	enumeration	20	documentation Mooring strap on car-carrying wagon

	enumeration 21 documentation Beam for movable ramp on car-carrying wagon enumeration 22 documentation Spare heating half-coupling enumeration 23 documentation Fire extinguisher enumeration 24 documentation Wheel scotches (for cars) on car-carrying wagon enumeration 25 documentation Gangway loading ramp on car-carrying wagon enumeration 26 documentation Metal cradles for rolls of metal sheeting enumeration 27 documentation Panel for covering markings enumeration 28 documentation Loading frame for special types of goods enumeration 29 documentation Headstock for "rolling roads" enumeration 99 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:restriction> </xs:simpleType> </xs:element> </pre>

	<pre> </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"> <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> </pre>

	<pre> </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> <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 </pre>

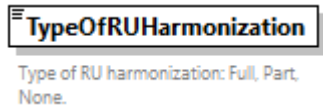
	<pre> wagon</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="26"> <xs:annotation> <xs:documentation>Metal cradles for rolls of metal sheeting</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="27"> <xs:annotation> <xs:documentation>Panel for covering 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> <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													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	TypeOfRUHarmonizationCode												
properties	content simple												
used by	elements PathCoordinationMessage PathDetailsMessage PathRequestMessage PathSectionNotificationMessage												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>Full</td><td></td></tr><tr><td>enumeration</td><td>Part</td><td></td></tr><tr><td>enumeration</td><td>None</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Full		enumeration	Part		enumeration	None	
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	
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 **TypeOfUsedHybridPowerunit**

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

type	restriction of xs:token		
properties	content	simple	
used by	elements	TrainCompositionJourneySection/Locoldent TractionDetails UnitData	
facets	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>		

element **UltimateDestinationCountry**

diagram										
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 &lt;=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</pre>									

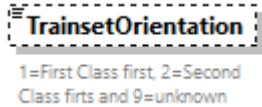
	chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> <pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length 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> <xs:complexType> <xs:sequence> <xs:element name="TrainsetOrientation" minOccurs="0"> <xs:annotation> <xs:documentation>1=First Class first, 2=Second Class firts and </pre>

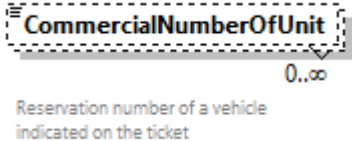
	<pre> 9=unknown</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="RetailServiceID" minOccurs="0" maxOccurs="unbounded"> <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><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>9</td><td></td></tr></tbody></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 firsts 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></pre>												

	<pre> <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

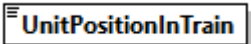
UnitData
Relevant data for the units
within a passenger train

UnitPositionInTrain	
UnitIdentification	Code used to identify a vehicle or a trainset
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 RAS TS 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
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
PoweredLocomotiveOrTrainset	
TypeOfUsedHybridPowerunit	Information about the type of power unit in case of using a hybrid locomotive
DriverIndication	Indicates if a driver is operating the rolling stock
KeepersShortName	
PassengerUnitRestriction	Set of restrictions or defects related to the rolling stock
ItineraryOfUnit	Itinerary of a rolling stock incorporated in the considered train
InternalVehicleFacility	0..∞ Facility offered in a rolling stock
CharacteristicDescriptionCode	0..∞ Characteristic on a Train according to TAP Code List 8.4.7037: type7037CodeList
FacilityTypeDescriptionCode	0..∞ Facilities on a Train according to TAP Code List type9039CodeList
CommercialService	0..∞ Additional service offered in a train
SpecialServiceDescription	0..∞ Special Service provided in a Train according to TAP Code List 8.4.7161
InformationToBeDisplayed	0..∞
UnitCommercialData	Information used by the passenger to find its train or the vehicle in which he will travel
FreeTextField	0..∞ Free Text
Parameters	0..∞ Classic method of carrying the parameters specific to the agreement between the partners: name and value pairs
UnitTechnicalData	This element shows the unit relevant technical data for the rolling stock within a running train

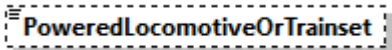
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	UnitPositionInTrain UnitIdentification TractionType TractionMode RegenerativeBrake PoweredLocomotiveOrTrainset TypeOfUsedHybridPowerunit DriverIndication KeeperShortName PassengerUnitRestriction ItineraryOfUnit 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>

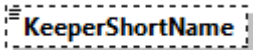
element **UnitData/UnitPositionInTrain**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><tr><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="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**

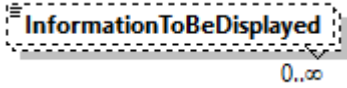
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	xs:boolean						
properties	<table> <tbody> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0			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

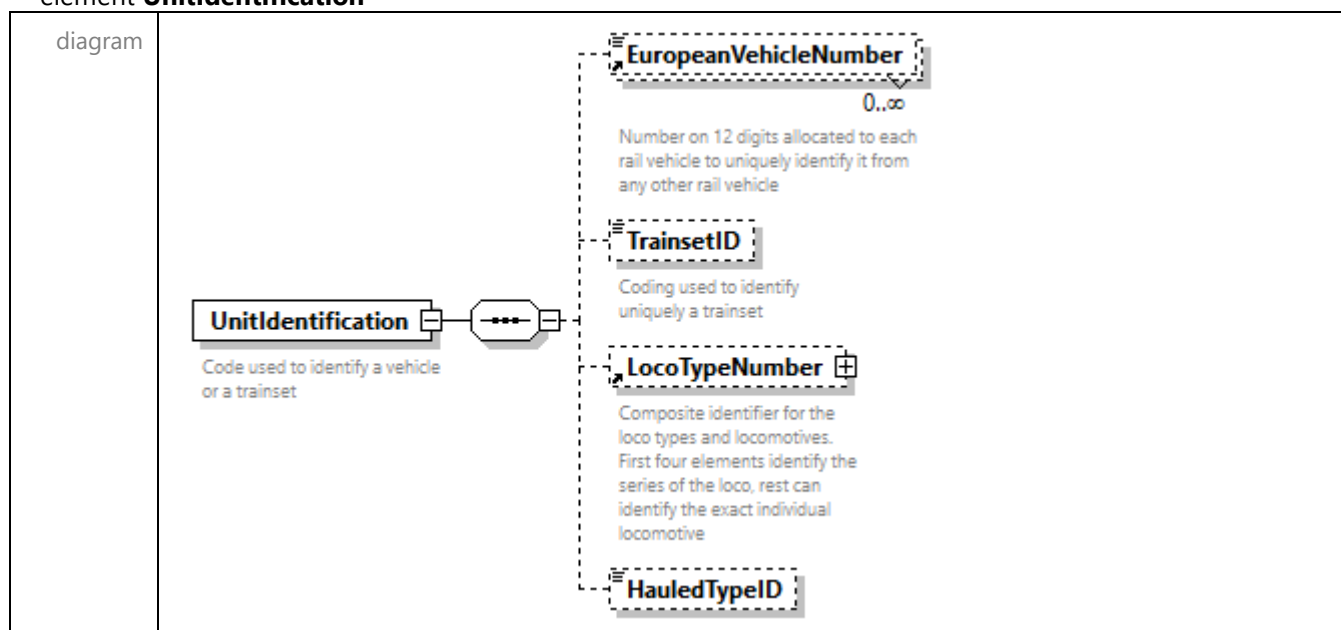
properties	minOcc 0 maxOcc 1 content simple
source	<xs:element name="KeeperShortName" type="xs:string" minOccurs="0"/>

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	<code><xs:element name="InformationToBeDisplayed" type="InformationToBeDisplayedCode" minOccurs="0" maxOccurs="unbounded"/></code>		

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	 A diagram showing the element 'HauledTypeID' in a dashed box with a small icon to its left.
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

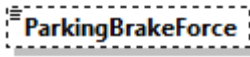
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonNumberOfAxles WagonMaxSpeed LengthOverBuffers WagonWeightEmpty TotalLoadWeight NormalLoadingGauge ExceptionalGaugingProfile ExceptionalGaugingIdent TypeOfHeating HandBrakeType HandBrakeBrakedWeight ParkingBrakeForce 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	minOcc0 maxOcc1 content simple
facets	KindValueAnnotation minInclusive000 maxInclusive999
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	 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
type	restriction of xs:decimal
properties	minOcc 0 maxOcc 1

	content	simple
used by	element	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

```

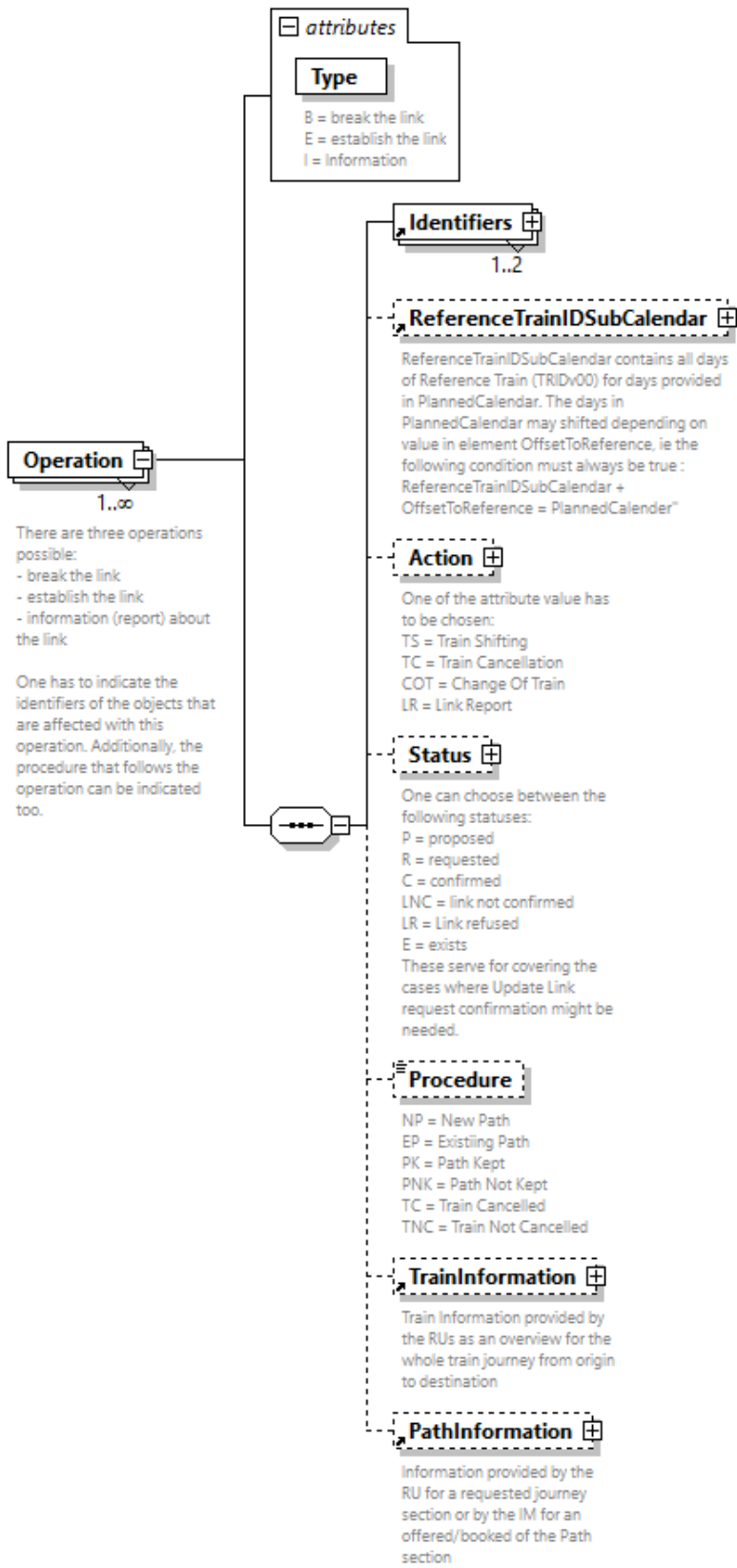
```

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>

```

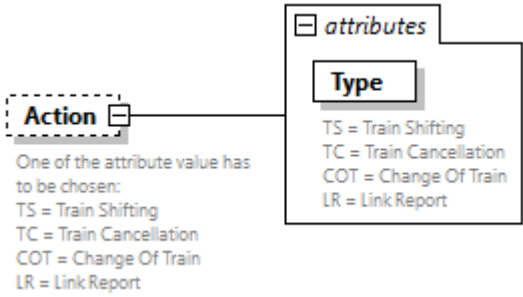
	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="NP"/> <xs:enumeration value="EP"/> <xs:enumeration value="PK"/> <xs:enumeration value="PNK"/> <xs:enumeration value="TC"/> <xs:enumeration value="TNC"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainInformation" 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"/></pre>															

	<pre> <xs:enumeration value="LR"/> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>

element **UpdateLinkMessage/Operation/Status**

diagram	Status 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. attributes Type P = proposed R = requested C = confirmed LNC = link not confirmed LR = Link refused E = exists					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
properties	minOcc	0	maxOcc	1	content	complex
attributes	Name	Type	Use	Default	Fixed	Annotation
	Type	derived by: xs:string	required			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**

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	<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>												

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	<pre><xs:element name="ValidityPeriod" type="ValidityPeriodType"/></pre>

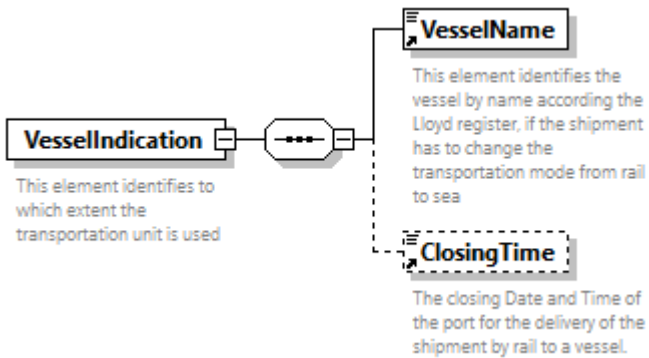
element **Value**

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	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	complexTypees 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 **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>

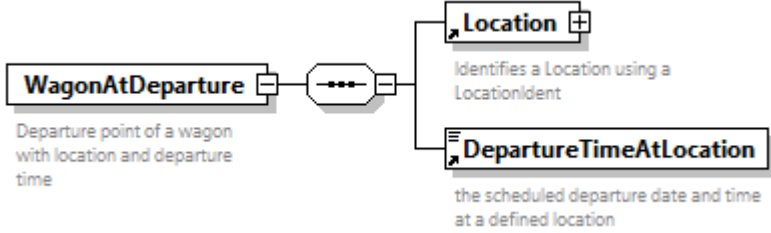
element **VesselName**

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	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	<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>

element **Volume**

diagram	
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 **WagonAtDeparture**

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

element **WagonData**

diagram	WagonData Wagon relevant data for the wagons within a running train WagonNumberFreight Identifies uniquely the freight wagon by its number WagonTrainPosition Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N*1. 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. WagonTechData This element shows the wagon relevant technical data for the wagons within a running train IntermodalTransportData 0..∞ 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	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> <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:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <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 **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	WagonInterchangeNoticeMess... This message is used by the RU/Service Provider to ask the neighbouring RU/Service Provider the acceptance of the responsibility for a wagon. MessageHeader Used for all messages 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 DeliveryInterchangePoint Place where the responsibility of a wagon is changed and the date and time when the wagon responsibility is handed over 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 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	
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**

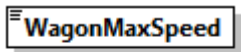
diagram	WagonLength Length over buffers in cms									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	element Wagons/WagonDetails/WagonTypeDetails									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</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 **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	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>00</td><td>documentation Not specified</td></tr><tr><td>enumeration</td><td>01</td><td>documentation Arrival at destination</td></tr><tr><td>enumeration</td><td>02</td><td>documentation Departure at origin</td></tr></table>	Kind	Value	Annotation	enumeration	00	documentation Not specified	enumeration	01	documentation Arrival at destination	enumeration	02	documentation Departure at origin
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	 Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:int

properties	content simple									
used by	elements RollingStockTechnicalData UnitTechnicalData WagonOperationalData									
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 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									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>12</td><td></td></tr><tr><td>pattern</td><td>[0-9]{12}</td><td></td></tr></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></pre>									

	</xs:element>

element **WagonNumberOfAxles**

diagram	WagonNumberOfAxles Number of Axels for a wagon									
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 Wagons/WagonDetails/WagonTypeDetails									
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 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	 The diagram illustrates the structure of the WagonOperationalData element. It is represented by a rectangular box with a small connector icon on its right side. A dashed line extends from this connector to a larger, rounded rectangular box that contains a list of sub-elements. Each sub-element is shown in a dashed box with a small icon on its left and a description below it. The sub-elements are: 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, with a cardinality of 0..∞), InfoOnGoodsShapeTypeDanger (Additional codified information on the load. Coding Structures as defined in IRS 90920-13;A.9.2 (RID labels), with a cardinality of 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), with a cardinality of 0..9), and 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). 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	<pre> sequenceDiagram participant WagonPerformanceMessage participant MessageHeader participant PerformanceData WagonPerformanceMessage -->> MessageHeader WagonPerformanceMessage -->> PerformanceData Note over MessageHeader: Used for all messages Note over PerformanceData: 1..∞ Note over PerformanceData: 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. </pre>
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**

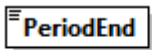
diagram	PerformanceData 1..∞ Performance data of a freight wagon for a specified period. The SOAP default maximum for an element is 50,000. If maximum count of data records is exceeded, performance data records need to be split and several wagon performance messages sent. WagonNumberFreight Identifies 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>

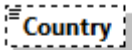
element **WagonPerformanceMessage/PerformanceData/PeriodStart**

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**

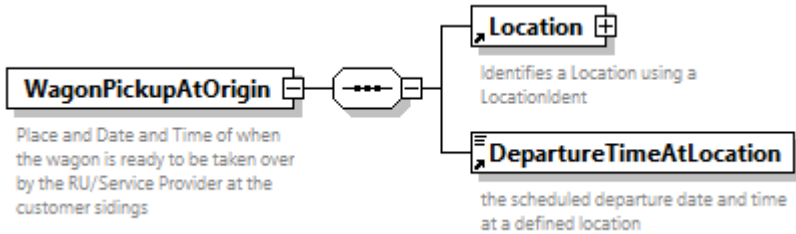
diagram	 Country where the wagon has been operated during the delivery period. Identifies a country or state by code (ISO 3166-1).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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>									

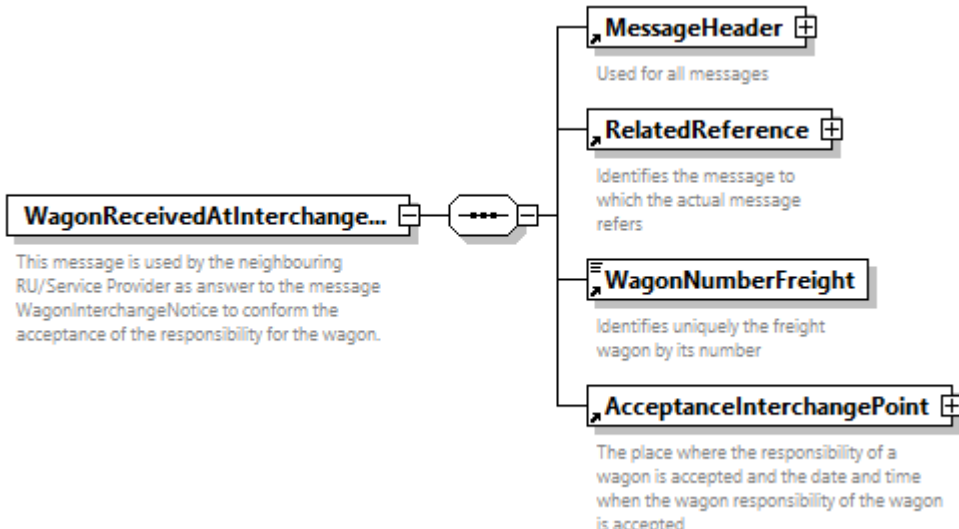
element **WagonPerformanceMessage/PerformanceData/Kilometers**

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 sub-elements: Location and DepartureTimeAtLocation. The Location element is described as 'Identifies a Location using a LocationIdent' and 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 sub-elements: MessageHeader, RelatedReference, WagonNumberFreight, and AcceptanceInterchangePoint. The MessageHeader is described as 'Used for all messages', RelatedReference as 'Identifies the message to which the actual message refers', WagonNumberFreight as 'Identifies uniquely the freight wagon by its number', and AcceptanceInterchangePoint 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'.
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.

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 (dashed) 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	
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>

```

```

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:annotation>
                <xs:documentation>CODE: UN/ECE-Recommendation No.
21</xs:documentation>
              </xs:annotation>
            </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>
<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">

```

	<pre> <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> </pre>

element **Wagons/WagonDetails**

diagram

WagonDetails
Details for the specific wagon

LoadingStatus

Loading status of the equipment. 0=Empty, 1=Loaded

WagonInfo

Additional information, concerning the goods of the whole wagon.

WagonTypeDetails

These elements are only needed, if the wagon has to be treated as CUV (empty wagon).

TotalWeight

Total weight of the loaded wagon [kg].

LoadLimit

Load limit from table of load limits in [t].

Seals

Describes the seals used for the consignment

Ship

Additional information for transports, which shall be handed over to a ship.

DeliveryReference

OriginCountry

Code of origin country of the Goods

ExceptionalConsignment

0..10

Exceptional Consignment

Examination

0..10

Examination

FormalReports

0..15

Formal report

ShuntingModallabel

Shunting modal label according to chapter 5.3.4 RID

CustomerReference

0..5

Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.

BookingNumber

XrailBooking number for the consignment

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>

	<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 </pre>

```

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	<xs:element name="WagonInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole									

	<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	Exceptional Consignment 0..10 IM_Partner Infrastructure Manager PermissionNumber Reference/permission number of the exceptional consignment.
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><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>180</td><td></td></tr></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**

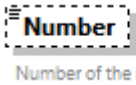
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 15 content complex
children	CreationDate Number CarrierCode
annotation	documentation Formal report
source	<pre> <xs:element name="FormalReports" minOccurs="0" maxOccurs="15"> <xs:annotation> <xs:documentation>Formal 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> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </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**

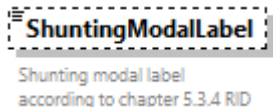
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 13
annotation	documentation Number of the report form.
source	<pre> <xs:element name="Number" minOccurs="0"> <xs:annotation> <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> </pre>

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

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><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 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**

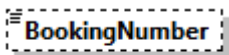
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>13</td><td></td></tr><tr><td>enumeration</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>									

	<pre> <xs:enumeration value="13"/> <xs:enumeration value="15"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Wagons/WagonDetails/CustomerReference**

diagram	CustomerReference 0..5 Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc0 maxOcc5 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>30</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
annotation	documentation Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.									
source	<pre><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></pre>									

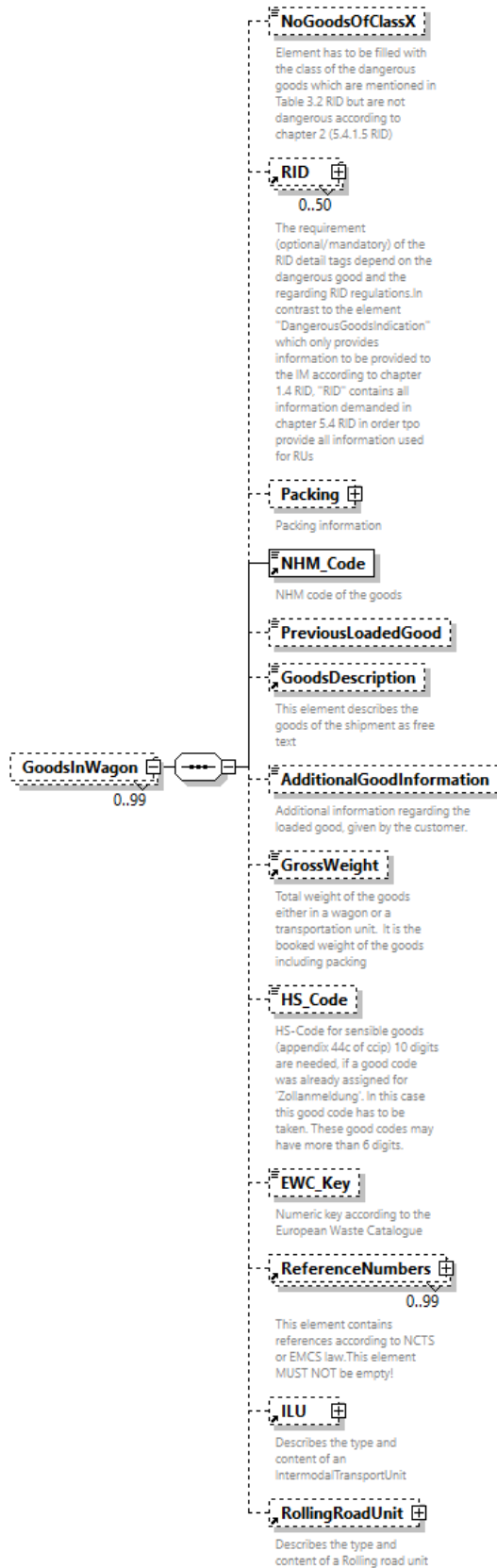
element **Wagons/WagonDetails/BookingNumber**

diagram	 XrailBooking number for the 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>24</td><td></td></tr><tr><td>maxLength</td><td>64</td><td></td></tr><tr><td>pattern</td><td colspan="2">[0-9]{4}:[0-9]{17}:[a-f0-9-]+</td></tr></table>	Kind	Value	Annotation	minLength	24		maxLength	64		pattern	[0-9]{4}:[0-9]{17}:[a-f0-9-]+	
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>

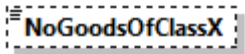
```

        <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"/>

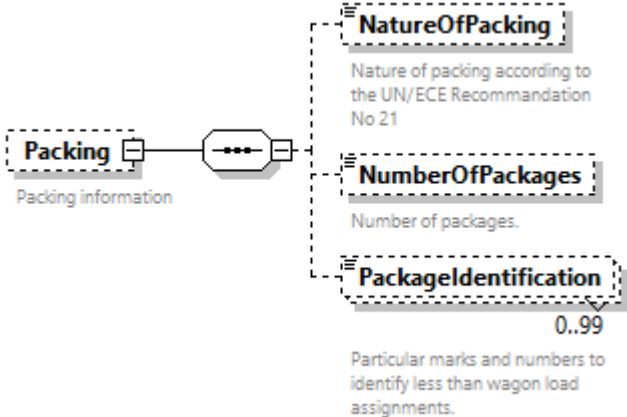
```

	<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	 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**

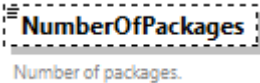
diagram	 The diagram shows the structure of the Packing element. It is represented by a dashed box labeled "Packing" with the text "Packing information" below it. To its right is a sequence of three sub-elements, each in a dashed box: NatureOfPacking (Nature of packing according to the UN/ECE Recommendation No 21), NumberOfPackages (Number of packages), and PackagelIdentification (Particular marks and numbers to identify less than wagon load assignments). The PackagelIdentification element has a cardinality of "0..99" indicated below it.

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	<

element **Wagons/GoodsInWagon/Packing/NumberOfPackages**

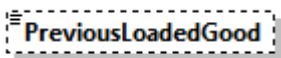
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	minOcc0 maxOcc1 contentsimple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td>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

	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>6</td><td></td></tr><tr><td>pattern</td><td>\d*</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	6		pattern	\d*	
Kind	Value	Annotation											
minLength	2												
maxLength	6												
pattern	\d*												
annotation	documentation Numeric key according to the European Waste Catalogue documentation CODE: European waste catalogue (EWC) 2000/532/EC												
source	<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>												

element **WagonStatusMessages**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader WagonStatusMessage
annotation	documentation Always MANDATORY, independent whether only one or more messages are in the file
source	<pre> <xs:element name="WagonStatusMessages"> <xs:annotation> <xs:documentation>Always MANDATORY, independent whether only one or more messages are in the file </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> </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: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>

```

	<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> </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"/> </pre>

```

<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">

```

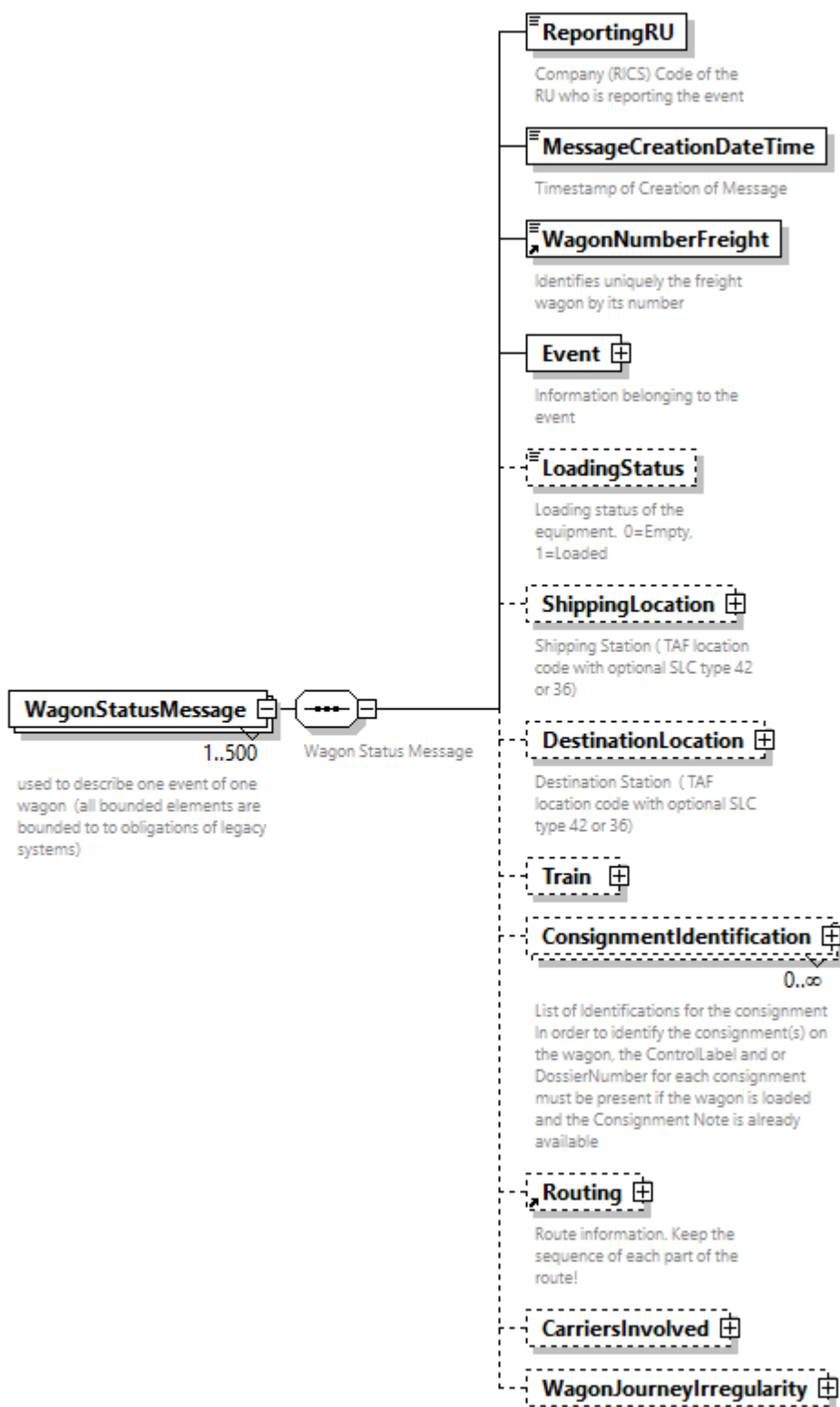
```

        <xs:simpleType>
          <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**

diagram



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

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

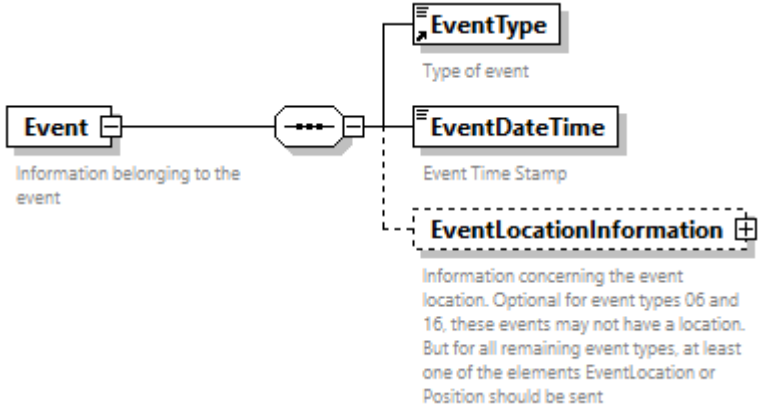
diagram	 Company (RICS) Code of the RU who is reporting the event		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	4	

	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**

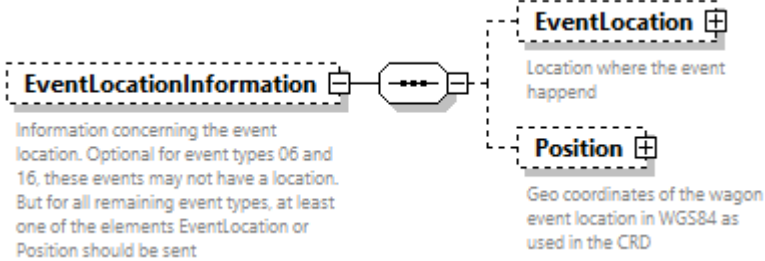
diagram	

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**

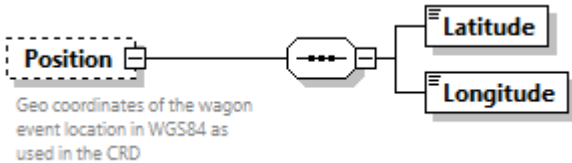
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	EventLocation Position
annotation	documentation Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining 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> </xs:element> </xs:sequence> </xs:complexType> </xs:element></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**

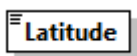
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Location where the event happend
source	<pre> <xs:element 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>

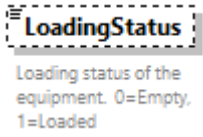
element

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	
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
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	
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 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	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>

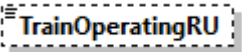
element **WagonStatusMessages/WagonStatusMessage/Train**

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**

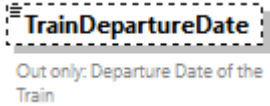
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	OperationalTrainNumber ScheduledTimeAtHandover ScheduledDateTimeAtTransfer
used by	elements AffectedLocation AffectedSection ChangeOfTrackMessage PassengerTrainCompositionMessage ReferenceOTN RollingStockRestrictionMessage TrainAtLocation 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**

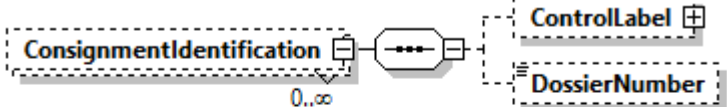
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	

source	<code><xs:element name="TrainOperatingRU" type="CompanyCode" minOccurs="0"/></code>

element **WagonStatusMessages/WagonStatusMessage/Train/TrainDepartureDate**

diagram	
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

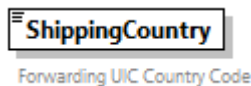
source

```
<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													
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

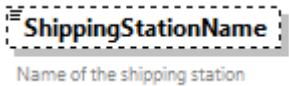
WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingStation Code

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>

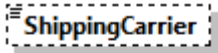
element

WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingStation Name

diagram	 <pre> classDiagram class ShippingStationName { Name of the shipping station } </pre>
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>

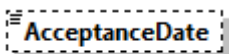
element

WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingCarrier

diagram	 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

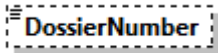
diagram	 Forwarding Date
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forwarding Date
source	<pre><xs:element name="AcceptanceDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Forwarding Date</xs:documentation> </xs:annotation> </xs:element></pre>

element

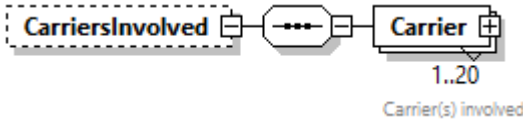
WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ConsignmentNumber

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

element **WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/DossierNumber**

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="DossierNumber" type="xs:string" minOccurs="0"/></pre>

element **WagonStatusMessages/WagonStatusMessage/CarriersInvolved**

diagram	
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**

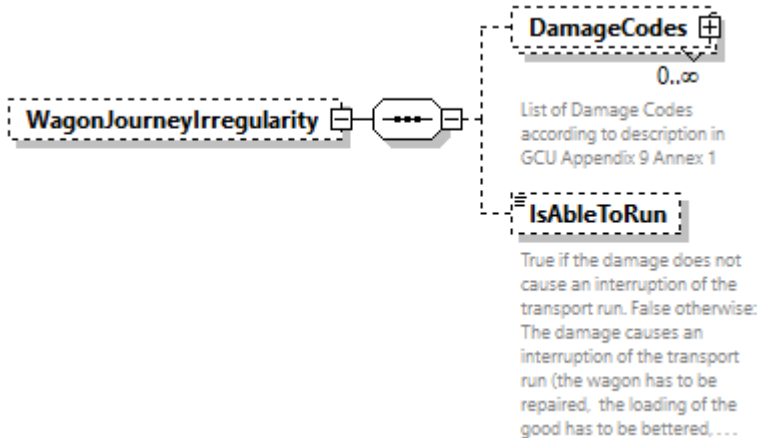
diagram	Carrier (Railway Code) CarrierStatus Status of the carrier during the transport 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier 3 to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be 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><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 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	minOcc0 maxOcc1 contentcomplex
children	DamageCodes IsAbleToRun
source	<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

```

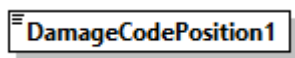
	the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, . . .</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element>

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>

	<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></pre>

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></pre>									

	</xs:element>

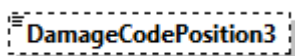
element

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	<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="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 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="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>									

	</xs:element>

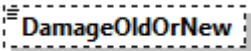
element

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><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									
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>									

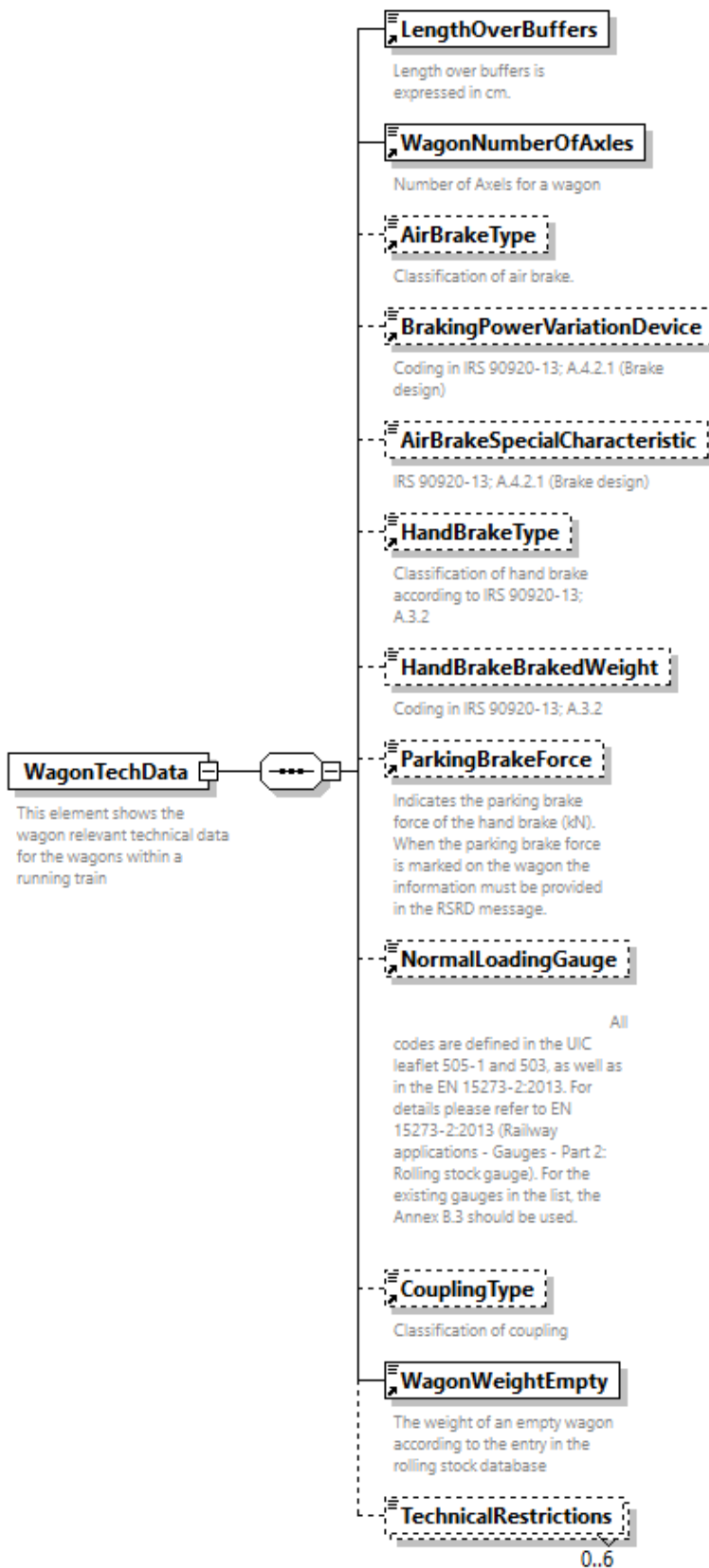
	</xs:element>

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**

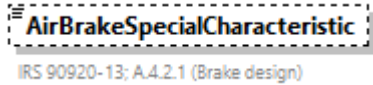
diagram



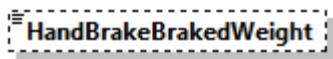
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LengthOverBuffers WagonNumberOfAxles AirBrakeType BrakingPowerVariationDevice AirBrakeSpecialCharacteristic HandBrakeType HandBrakeBrakedWeight ParkingBrakeForce NormalLoadingGauge CouplingType WagonWeightEmpty 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**

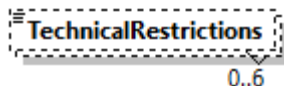
diagram	 A diagram showing the element AirBrakeSpecialCharacteristic with a dashed border. Below it, the text "IRS 90920-13; A.4.2.1 (Brake design)" is displayed.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	minOcc 0 maxOcc 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><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>000</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></tbody></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	minOcc0 maxOcc6 contentsimple									
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									
source	<pre><xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/></pre>									

element **WagonTrainPosition**

diagram	☰ WagonTrainPosition Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N*1.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	element WagonData									
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 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 Wagons/WagonDetails/WagonTypeDetails
facets	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	<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>

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 **WeightOfSetOfCarriages**

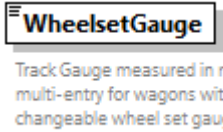
diagram	

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

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><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 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><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><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></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"></pre>									

	<pre> <xs:enumeration value="1"> <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>

complexType **AffectedBordersType**

diagram	
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	<pre><xs:element name="AffectedBorder" type="LocationIdent" maxOccurs="unbounded"/></pre>

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"></pre>

	<pre> <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> </pre>

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

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**

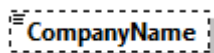
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	CompanyCode CompanyName CoordinationStatus CoordinationComment
used by	element AffectedIMsType/AffectedIM
source	<pre> <xs:complexType name="AffectedIMType"> <xs:sequence> <xs:element name="CompanyCode" type="CompanyCode"/> <xs:element name="CompanyName" type="FreeText" minOccurs="0"/> <xs:element ref="CoordinationStatus" minOccurs="0"/> <xs:element name="CoordinationComment" type="xs:string" minOccurs="0"/> </pre>

	<code></xs:sequence></code> <code></xs:complexType></code>

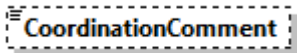
element **AffectedIMType/CompanyCode**

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}												
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> <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	<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**

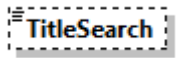
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	IDSearch TitleSearch CMVariantSearch TrainTypeSearch CategorySearch LocationSearch DateFromSearch DateToSearch
used by	element SearchCriteriaType/CapacityModelCriteria
annotation	documentation Defines the searching criteria which 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>

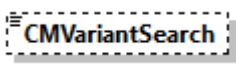
element **CapacityModelSearchCriteria/IDSearch**

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>

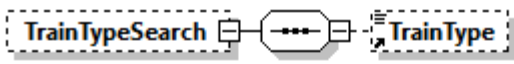
element **CapacityModelSearchCriteria/TitleSearch**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	minOcc0 maxOcc1 contentsimple
facets	KindValueAnnotation minLength1 maxLength255
source	<xs:element name="TitleSearch" type="FreeText" minOccurs="0"/>

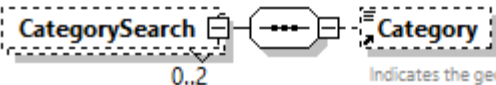
element **CapacityModelSearchCriteria/CMVariantSearch**

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

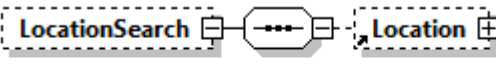
element **CapacityModelSearchCriteria/TrainTypeSearch**

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>

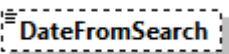
element **CapacityModelSearchCriteria/CategorySearch**

diagram	 0..2 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
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**

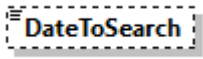
diagram	 Identifies a Location using a LocationIdent
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Location
source	<pre><xs:element name="LocationSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="Location" minOccurs="0"/> </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>

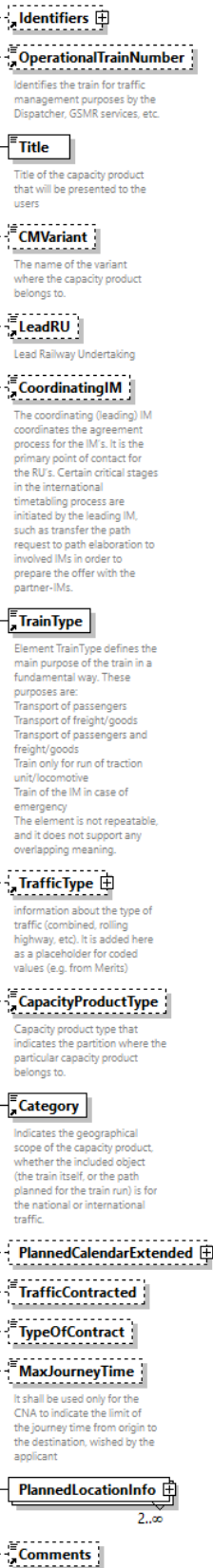
element **CapacityModelSearchCriteria/DateToSearch**

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**

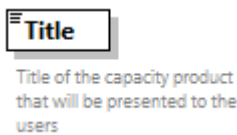
diagram

CapacityModelType



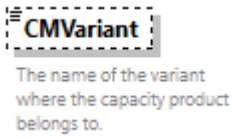
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	Identifiers OperationalTrainNumber Title CMVariant LeadRU CoordinatingIM TrainType TrafficType CapacityProductType Category PlannedCalendarExtended TrafficContracted TypeOfContract MaxJourneyTime PlannedLocationInfo Comments
used by	elements 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	
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 The name of the variant where the capacity product belongs to.
source	<pre><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></pre>

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>

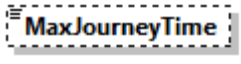
element **CapacityModelType/TrafficContracted**

diagram	
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**

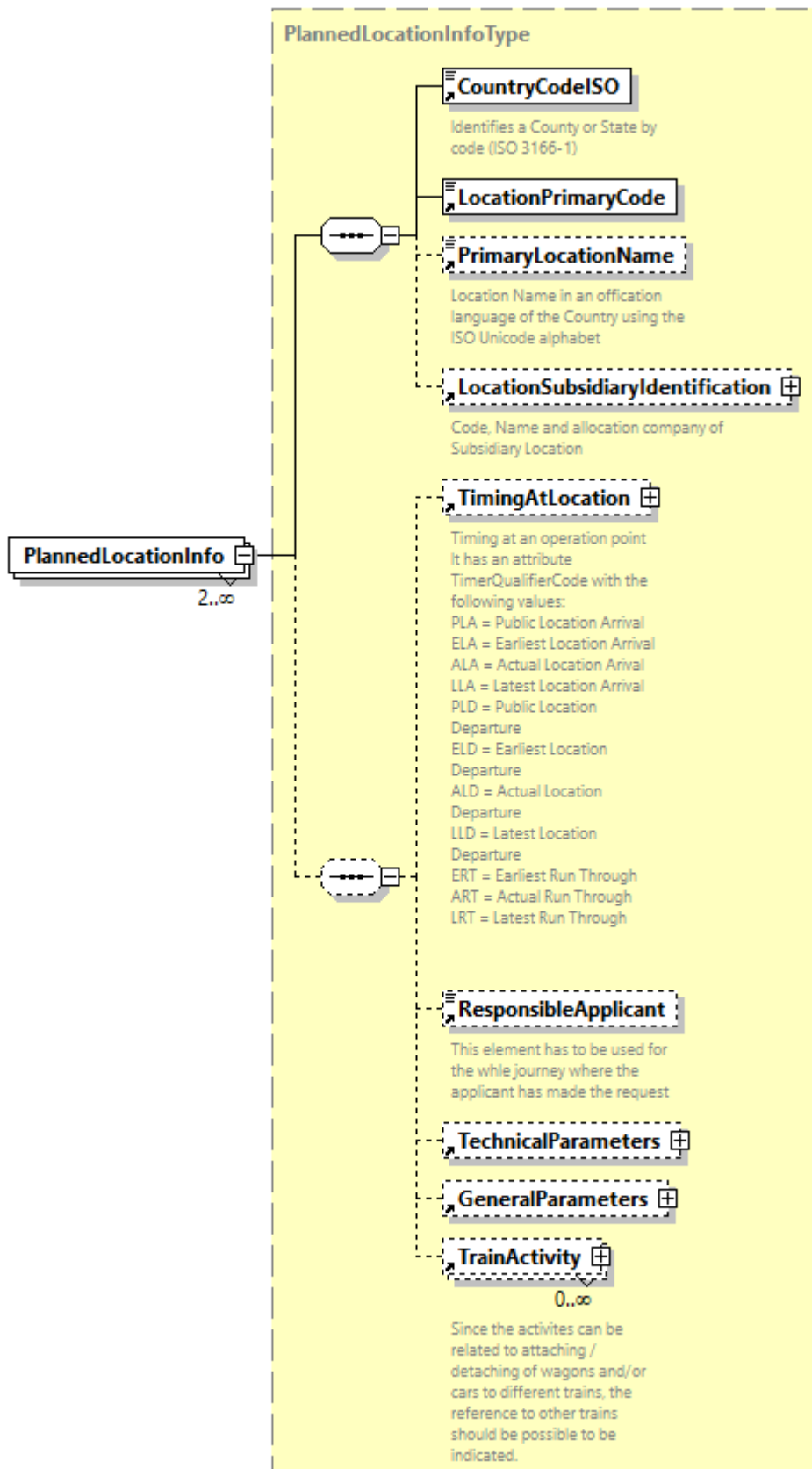
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<pre><xs:element name="TypeOfContract" type="FreeText" minOccurs="0"/></pre>

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>

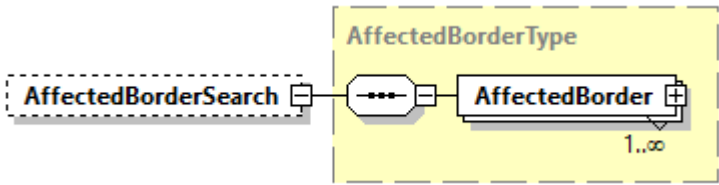
element **CapacityProductSearchCriteria/SectionSearch**

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>

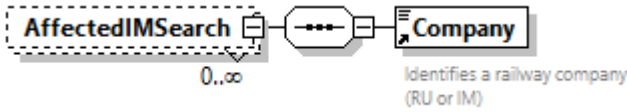
element **CapacityProductSearchCriteria/SectionSearch/Sections**

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>

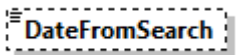
element **CapacityProductSearchCriteria/AffectedBorderSearch**

diagram	
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**

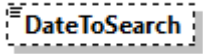
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	Company
source	<pre><xs:element name="AffectedIMSearch" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="Company"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **CapacityProductSearchCriteria/DateFromSearch**

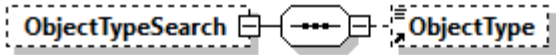
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple

source	<pre><xs:element name="DateFromSearch" type="xs:dateTime" minOccurs="0"/></pre>

element **CapacityProductSearchCriteria/DateToSearch**

diagram	 A dashed box labeled "DateToSearch" 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:dateTime
properties	minOcc 0 maxOcc 1 content simple
source	<pre><xs:element name="DateToSearch" type="xs:dateTime" minOccurs="0"/></pre>

element **CapacityProductSearchCriteria/ObjectTypeSearch**

diagram	 A dashed box labeled "ObjectTypeSearch" with a small icon of a document with a checkmark to its left. To its right is a small box containing three dots, followed by another dashed box labeled "ObjectType" with a small icon of a document with a checkmark to its left. 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	<pre><xs:element name="ObjectTypeSearch" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element ref="ObjectType" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

complexType **CargoCodeType**

diagram	 A rounded rectangle labeled "CargoCodeType" with a small icon of a document with a checkmark to its left. 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	
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>

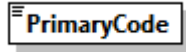
complexType ContinuousType

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>

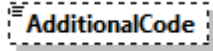
complexType CustomerCode

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	CountryCodeISO PrimaryCode AdditionalCode
used by	element Customer
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**

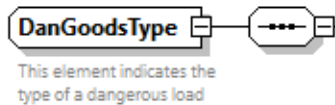
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	String1-14									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><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><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>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 name="RID_Class" minOccurs="0"> <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 materials, divisions 1.1, 1.2 and </pre>

```

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">
    <xs:annotation>
        <xs:documentation>Gases</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: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:enumeration value="9A">
        <xs:annotation>
            <xs:documentation>Same as 9 but for Battery
Group.</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

	<pre> <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> </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**

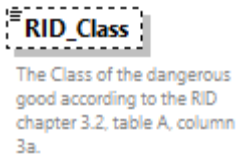
diagram	HazardIdentificationNumber This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc0 maxOcc1 contentsimple									
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" 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>									

	<pre> </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	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/RID_Class**

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	4	
	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	documentation Gases
	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	7	documentation Radioactive material
	enumeration	8	documentation Corrosive substances
	enumeration	9	documentation

	enumeration 9A Miscellaneous dangerous substances and articles documentation Same as 9 but for Battery Group.
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" minOccurs="0"> <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 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"> <xs:annotation> <xs:documentation>Gases</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:restriction> </xs:simpleType> </xs:element> </pre>

```

</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: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">

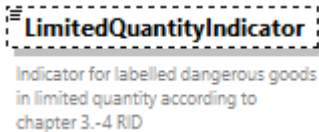
```


	<pre> <xs:annotation> <xs:documentation>Miscellaneous dangerous substances and articles</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9A"> <xs:annotation> <xs:documentation>Same as 9 but for Battery Group.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **DanGoodsType/DangerousGoodsVolume**

diagram	
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	
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	
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	The diagram shows the structure of the DeviationBorder element. It is a complex type that contains a LocationIdent complex type. The LocationIdent type is enclosed in a dashed yellow box and contains 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). The DeviationBorder element has a cardinality of 1..∞.
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	The diagram shows the structure of the DeviationComment element, which is a simple type represented by a dashed box.
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 **DeviationLocationsType**

diagram	The diagram shows the structure of the DeviationLocationsType complex type. It contains two elements: DeviationLocation (1..∞) and DeviationComment.

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	The diagram illustrates the structure of the DeviationLocation element. It is a complex type containing four child elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. The DeviationLocation element has a cardinality of 1..∞. The child elements are grouped within a dashed box, indicating they are part of a complex type. The PrimaryLocationName and LocationSubsidiaryIdentification elements are shown with dashed borders, indicating they are optional.
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	The diagram illustrates the structure of the DeviationComment element. It is a simple type represented by a dashed box.
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 **DimensionValue**

diagram	
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	
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"> </pre>

	<pre> <xs:annotation> <xs:documentation>End date / time of the TCR</xs:documentation> </xs:annotation> </xs:element> </pre>

complexType **ImportResultType**

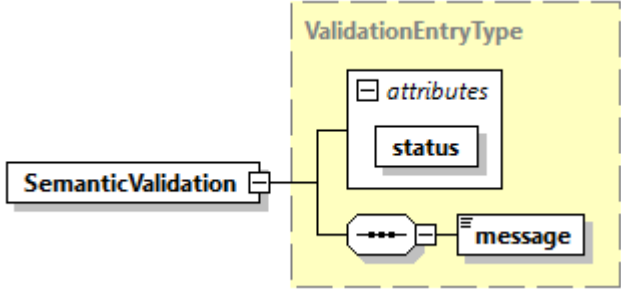
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	TCRID SyntaxValidation SemanticValidation DataValidation TCRMode
used by	element TCRResponseMessage/importResult
source	<pre> <xs:complexType name="ImportResultType"> <xs:sequence> <xs:element ref="TCRID"/> <xs:element name="SyntaxValidation" 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**

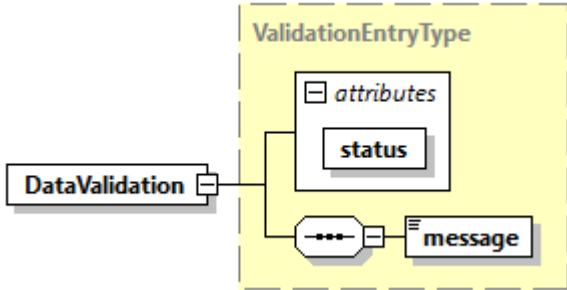
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ValidationEntryType
properties	content complex

children	message					
attributes	Name status	Type TCRValidationStatusType	Use required	Default	Fixed	Annotation
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, passing through a small circle with three dots.					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
type	ValidationEntryType					
properties	content complex					
children	message					
attributes	Name status	Type TCRValidationStatusType	Use required	Default	Fixed	Annotation
source	<xs:element name="SemanticValidation" type="ValidationEntryType"/>					

element **ImportResultType/DataValidation**

diagram	 The diagram shows a box labeled 'DataValidation' 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 'DataValidation' to the 'message' box, passing through a small circle with three dots.					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
type	ValidationEntryType					
properties	content complex					
children	message					
attributes	Name status	Type TCRValidationStatusType	Use required	Default	Fixed	Annotation

source	<code><xs:element name="DataValidation" type="ValidationEntryType"/></code>

complexType **IntermodalTransportDataType**

diagram	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 Identifies dangerous goods
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>

element **IntermodalTransportDataType/TypeOfLoadUnit**

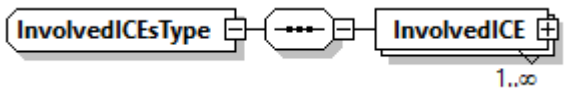
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	TypeOfLoadUnitType		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	00	documentation unknown
	enumeration	01	documentation Container
	enumeration	02	documentation swap bodies

	enumeration 03 documentation semitrailers
	enumeration 04 documentation truck
source	<code><xs:element name="TypeOfLoadUnit" type="TypeOfLoadUnitType"/></code>

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	<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}									
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="InvolvedICType" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>

element **InvolvedICEsType/InvolvedICE**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	InvolvedICType
properties	minOcc 1 maxOcc unbounded content complex
children	ICName Recommendation Comments
source	<pre><xs:element name="InvolvedICE" type="InvolvedICType" maxOccurs="unbounded"/></pre>

complexType **InvolvedICType**

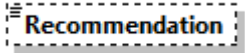
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	ICName Recommendation Comments
used by	element InvolvedICEsType/InvolvedICE
source	<pre><xs:complexType name="InvolvedICType"> <xs:sequence> <xs:element name="ICName" type="FreeText"/> <xs:element name="Recommendation" type="xs:boolean" minOccurs="0"/> <xs:element name="Comments" type="xs:string" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

element **InvolvedICType/ICName**

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

properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<code><xs:element name="ICEName" type="FreeText"/></code>

element **InvolvedICType/Recommendation**

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="Recommendation" type="xs:boolean" minOccurs="0"/></code>

element **InvolvedICType/Comments**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
used by	elements LocationPrimaryInformation LocationSubsidiaryInformation complexType CapacityModelType
source	<code><xs:element name="Comments" type="xs:string" minOccurs="0"/></code>

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/Different AcceptancePoint ConsignmentOrderMessage/COMS/COM/ChargingSections/End EndLocation AffectedSection/EndOfSection WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/EventLoc ation ForecastedDelayLocation IntermediateDestination JourneySectionDestination JourneySectionOrigin Location LocationActualTrack TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/AssociatedTrain/Locati onOfChange 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	<xs:complexType name="LocationIdent">

	<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>										

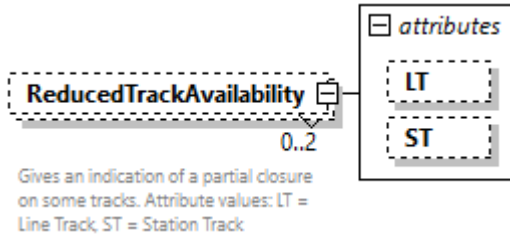

```

    <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>

```

	</xs:complexType>

element **OperationalConsequencesType/ReducedTrackAvailability**

diagram	 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	<pre><xs:attribute name="LT" type="xs:boolean"/></pre>

attribute **OperationalConsequencesType/ReducedTrackAvailability/@ST**

type	xs:boolean
source	<pre><xs:attribute name="ST" type="xs:boolean"/></pre>

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>

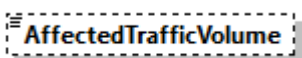
element **OperationalConsequencesType/SpeedRestriction**

diagram	
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	 No catenary in sense of Diesel only, hybrid or batterie locos.
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	
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="AffectedTrafficVolume" type="PercentageType" minOccurs="0"/></code>

element **OperationalConsequencesType/TrafficMeasures**

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="TrafficMeasures" type="TrafficMeasuresType" minOccurs="0"/></code>

element **OperationalConsequencesType/Deviations**

diagram	
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**

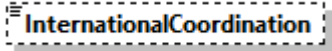
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	DeviationLocationsType
properties	minOcc 0 maxOcc unbounded content complex
children	DeviationLocation DeviationComment
source	<pre> <xs:element name="Routes" type="DeviationLocationsType" minOccurs="0" maxOccurs="unbounded"/> </pre>

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>

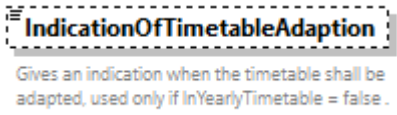
element **OperationalConsequencesType/InternationalCoordination**

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**

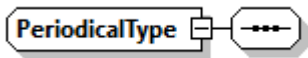
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	PlannedCalendar WeeklyInterval WeeklyPattern
source	<pre> <xs:complexType name="PeriodicalContinuousType"> <xs:sequence> <xs:element ref="PlannedCalendar"/> <xs:element name="WeeklyInterval" type="xs:positiveInteger" minOccurs="0"/> <xs:element ref="WeeklyPattern" minOccurs="0"/> </xs:sequence> </pre>

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

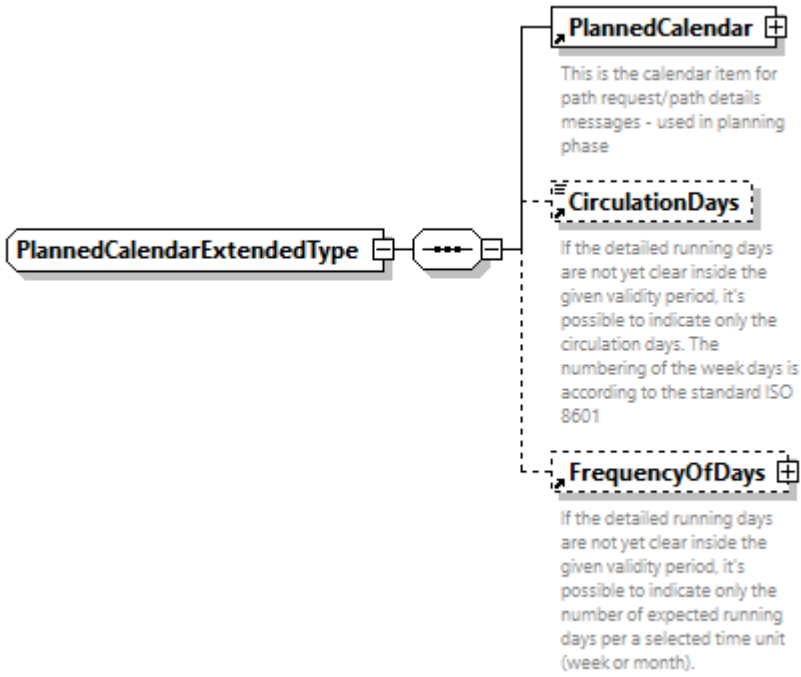
element **PeriodicalContinuousType/WeeklyInterval**

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"></code> <code><xs:sequence/></code> <code></xs:complexType></code>

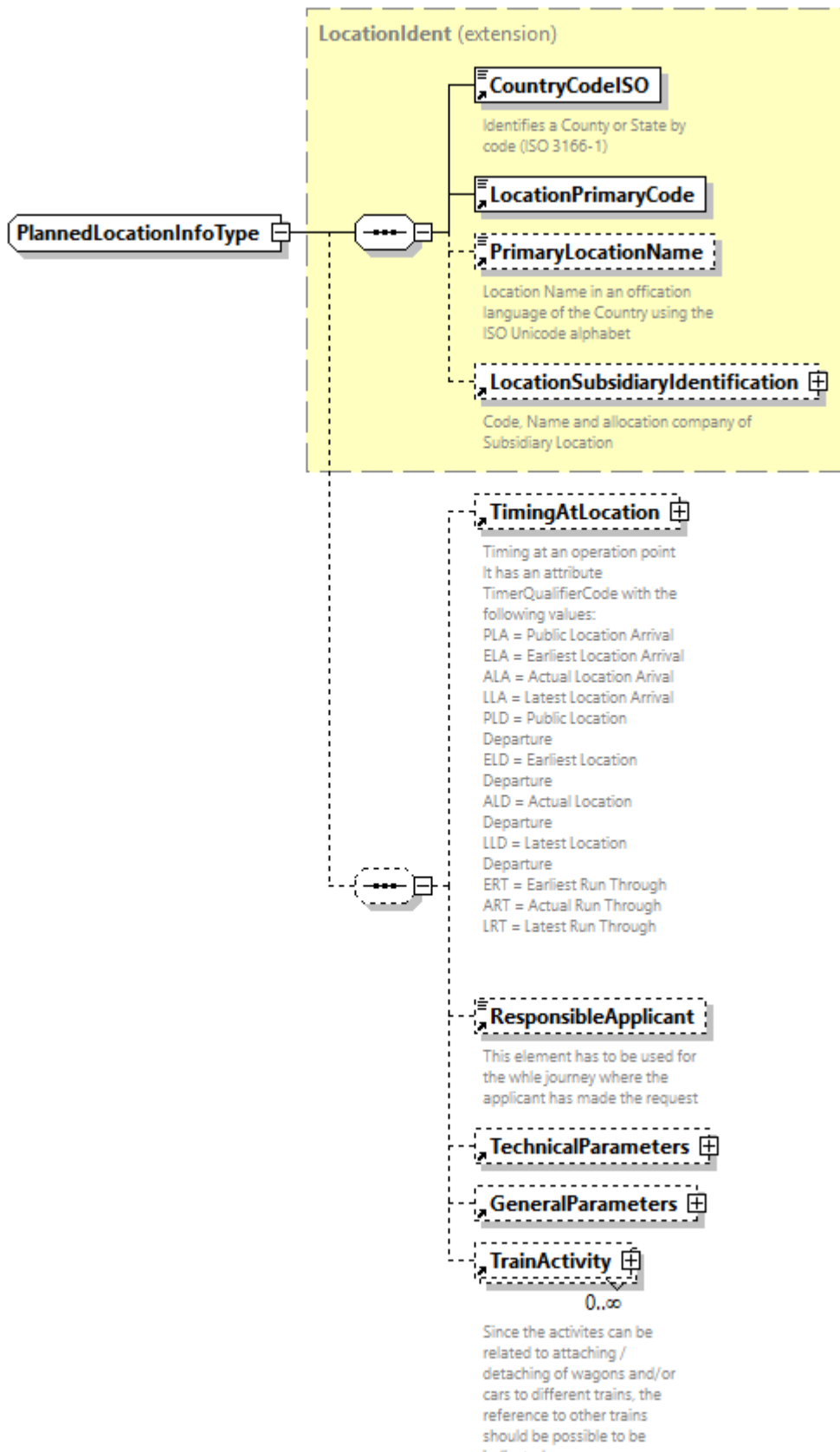
complexType **PlannedCalendarExtendedType**

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



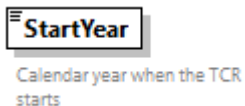
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	base LocationIdent
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification TimingAtLocation ResponsibleApplicant TechnicalParameters GeneralParameters TrainActivity
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**

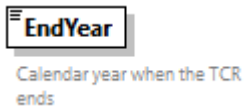
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:gYear
properties	content simple
annotation	documentation Calendar year when the TCR starts
source	<pre> <xs:element name="StartYear" type="xs:gYear"> <xs:annotation> <xs:documentation>Calendar year when the TCR starts</xs:documentation> </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><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 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>

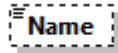
element **SectionsType/Section**

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	<pre><xs:element name="Section" type="SectionType" maxOccurs="unbounded"/></pre>

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 Customer Customers RollingRoadUnit/RollingRoadUnitDetails/Haulier NetworkSpecificParameter Parameters
facets	Kind Value Annotation minLength 1 maxLength 255
source	<xs:element name="Name" type="FreeText" minOccurs="0"/>

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="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="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>

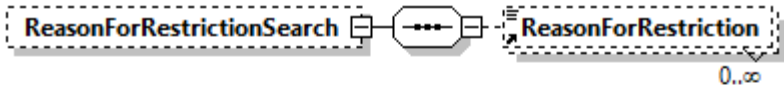
```

	<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>

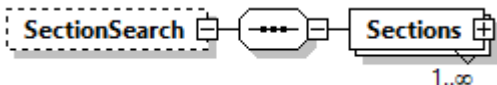
element **TCRSearchCriteria/TCRIDSearch**

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>

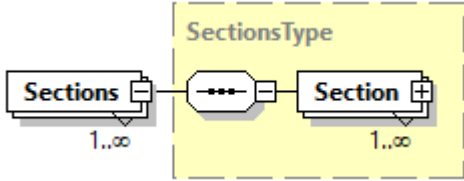
element **TCRSearchCriteria/ReasonForRestrictionSearch**

diagram	 0..∞ Gives an indication about the works regarding the TCR <table> <tr><td>10</td><td>SIGNAL</td></tr> <tr><td>20</td><td>SWITCH</td></tr> <tr><td>30</td><td>CATENARY</td></tr> <tr><td>40</td><td>TRACK/RAIL</td></tr> <tr><td>50</td><td>TUNNEL</td></tr> <tr><td>60</td><td>BRIDGE</td></tr> <tr><td>70</td><td>MISCELLANEOUS</td></tr> <tr><td>80</td><td>MAINTENANCE</td></tr> <tr><td>90</td><td>OTHER</td></tr> </table>	10	SIGNAL	20	SWITCH	30	CATENARY	40	TRACK/RAIL	50	TUNNEL	60	BRIDGE	70	MISCELLANEOUS	80	MAINTENANCE	90	OTHER
10	SIGNAL																		
20	SWITCH																		
30	CATENARY																		
40	TRACK/RAIL																		
50	TUNNEL																		
60	BRIDGE																		
70	MISCELLANEOUS																		
80	MAINTENANCE																		
90	OTHER																		
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>																		

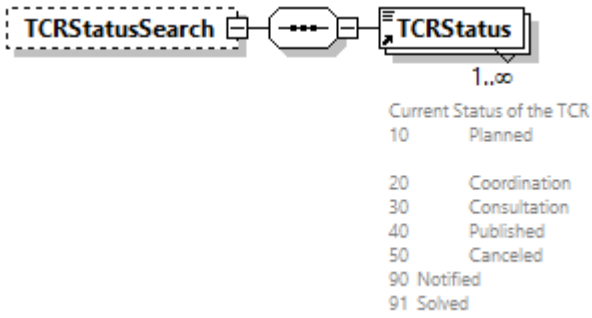
element **TCRSearchCriteria/SectionSearch**

diagram	 1..∞
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	 The diagram shows a box labeled 'Sections' with a multiplicity of '1..∞' connected to a dashed box labeled 'SectionsType'. Inside 'SectionsType' is a box labeled 'Section' with a multiplicity of '1..∞'.
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 **TCRSearchCriteria/TCRStatusSearch**

diagram	 The diagram shows a dashed box labeled 'TCRStatusSearch' connected to a box labeled 'TCRStatus' with a multiplicity of '1..∞'. Below the diagram is a table of TCRStatus values. Current Status of the TCR 10 Planned 20 Coordination 30 Consultation 40 Published 50 Canceled 90 Notified 91 Solved
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**

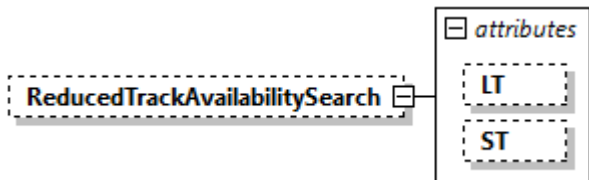
diagram	 The diagram shows a dashed box labeled 'DateFromSearch'.

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	 A dashed box labeled "DateToSearch" with a small square icon to its left.
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	Type	Use	Default	Fixed	Annotation
	LT	xs:boolean				
	ST	xs:boolean				
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**

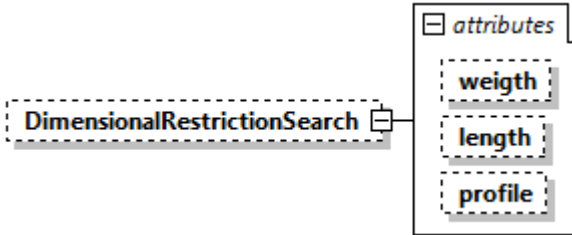
type	xs:boolean

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 weigh length profile	Type xs:boolean xs:boolean xs:boolean	Use	Default	Fixed	Annotation
source	<pre> <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> </pre>					

attribute **TCRSearchCriteria/DimensionalRestrictionSearch/@weigh**

type	xs:boolean
source	<code><xs:attribute name="weigh" type="xs:boolean"/></code>

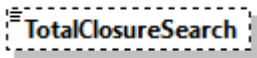
attribute **TCRSearchCriteria/DimensionalRestrictionSearch/@length**

type	xs:boolean
source	<code><xs:attribute name="length" type="xs:boolean"/></code>

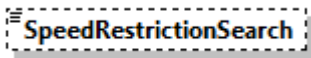
attribute **TCRSearchCriteria/DimensionalRestrictionSearch/@profile**

type	xs:boolean
source	<code><xs:attribute name="profile" type="xs:boolean"/></code>

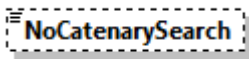
element **TCRSearchCriteria/TotalClosureSearch**

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	
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	
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	

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**

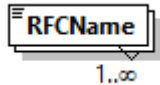
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	TrafficMeasuresType
properties	minOcc 0 maxOcc 1 content complex
children	Cancellation ReRouting Replacement EstimatedDelay
source	<code><xs:element name="TrafficMeasuresSearch" type="TrafficMeasuresType" minOccurs="0"/></code>

element **TCRSearchCriteria/InvolvedRFCsSearch**

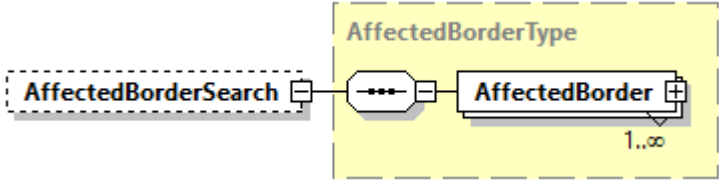
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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> </xs:element></pre>

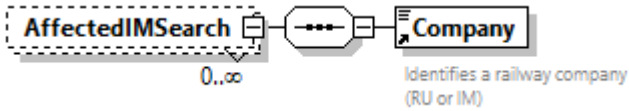
element **TCRSearchCriteria/InvolvedRFCsSearch/RFCName**

diagram	
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	<xs:element name="RFCName" type="FreeText" maxOccurs="unbounded"/>

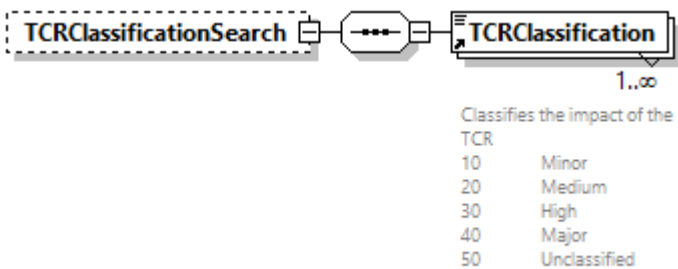
element **TCRSearchCriteria/AffectedBorderSearch**

diagram	
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>

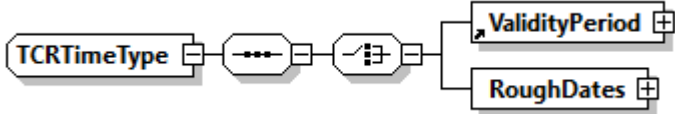
element **TCRSearchCriteria/AffectedIMSearch**

diagram	 The diagram shows a dashed box labeled AffectedIMSearch containing a sequence container (rectangle with three dots) which contains a Company element (rectangle with a list icon). The cardinality 0..∞ is shown below the dashed box. A note below the Company element states: "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>

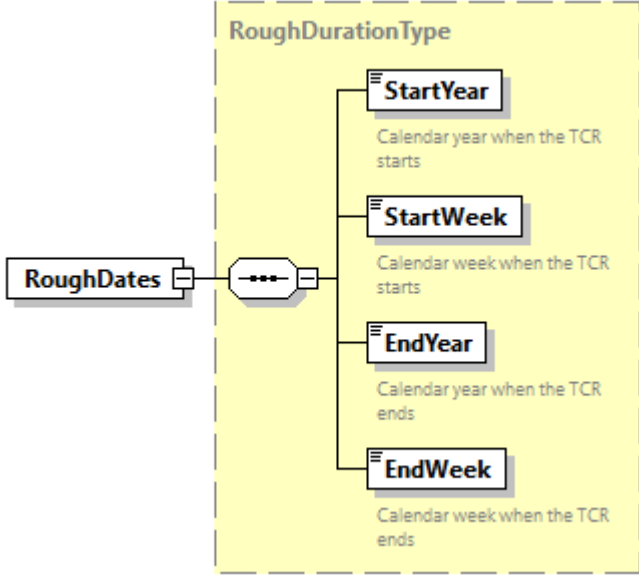
element **TCRSearchCriteria/TCRClassificationSearch**

diagram	 The diagram shows a dashed box labeled TCRClassificationSearch containing a sequence container (rectangle with three dots) which contains a TCRClassification element (rectangle with a list icon). The cardinality 1..∞ is shown below the dashed box. A note below the TCRClassification element states: "Classifies the impact of the TCR". Below this note is a table: <table border="1"> <tbody> <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> </tbody> </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

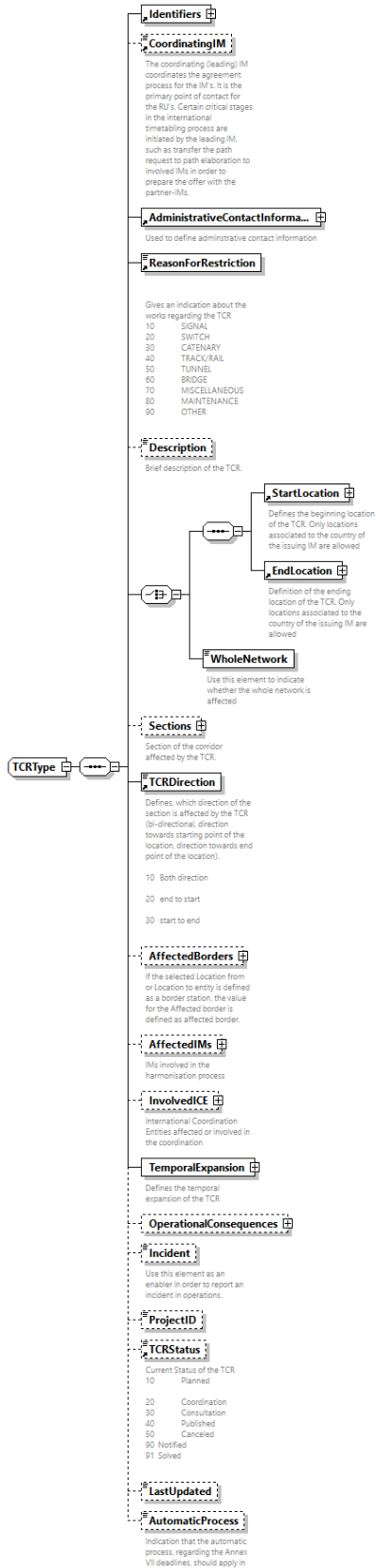
diagram	 The diagram shows the TCRTimeType complex type structure. It starts with a box labeled 'TCRTimeType' connected to a sequence container (rectangle with three dots). This sequence container is connected to a choice container (rectangle with a vertical line and three dots). The choice container has two branches: one leading to a box labeled 'ValidityPeriod' and another leading to a box labeled 'RoughDates'. Both 'ValidityPeriod' and 'RoughDates' boxes have a small square icon with a plus sign in the top right corner, indicating they are complex types.
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> <xs:element ref="ValidityPeriod"/> <xs:element name="RoughDates" type="RoughDurationType"/> </xs:choice> </xs:sequence> </xs:complexType> </pre>

element TCRTimeType/RoughDates

diagram	 The diagram shows the structure of the RoughDates element. A box labeled 'RoughDates' is connected to a sequence container (rectangle with three dots). This sequence container is connected to a dashed yellow box labeled 'RoughDurationType'. Inside this box, there are four elements: 'StartYear' (with description 'Calendar year when the TCR starts'), 'StartWeek' (with description 'Calendar week when the TCR starts'), 'EndYear' (with description 'Calendar year when the TCR ends'), and 'EndWeek' (with description 'Calendar week when the TCR ends'). Each of these four elements has a small square icon with a plus sign in the top right corner, indicating they are complex types.
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**

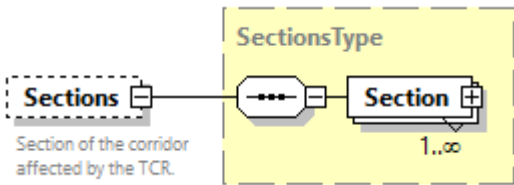
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string

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	The diagram illustrates the structure of the TemporalExpansionType (extension) element. It is a complex type that extends ExpansionType. The diagram shows the following components and relationships: TemporalExpansion: Defines the temporal expansion of the TCR. It is the root element of the diagram. TemporalExpansionType (extension): A dashed box containing the extension details. attributes: A box containing the ExpansionType attribute, which is a xs:token with values PERIODICAL and CONTINUOUS. It is described as "Temporal Expansion type of the TCR. Value : PERIODICAL CONTINUOUS". PlannedCalendar: A box describing it as "This is the calendar item for path request/path details messages - used in planning phase". It is connected to the main structure via a choice connector. RoughDates: A box describing it as "Indicate the weekly pattern of the TCR. This is NOT a calendar of validity days. The first element references Monday, the second Tuesday, etc." It is connected to the main structure via a choice connector. WeeklyPattern: A box with the same description as RoughDates. It is connected to the main structure via a choice connector. TCRTimeAtLocation: A box with a dashed border, described as "Indicate the weekly pattern of the TCR. This is NOT a calendar of validity days. The first element references Monday, the second Tuesday, etc." It is connected to the main structure via a choice connector and has a cardinality of 0..2. WeeklyInterval: A box with a dashed border, described as "Indicate the weekly pattern of the TCR. This is NOT a calendar of validity days. The first element references Monday, the second Tuesday, etc." It is connected to the main structure via a choice connector.					
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

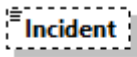
	CONTINUOUS
annotation	documentation Defines the temporal expansion of the TCR
source	<pre> <xs:element name="TemporalExpansion"> <xs:annotation> <xs:documentation>Defines the temporal expansion of the TCR</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="TemporalExpansionType"/> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **TCRType/OperationalConsequences**

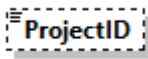
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	OperationalConsequencesType
properties	minOcc 0 maxOcc 1 content complex
children	ReducedTrackAvailability DimensionalRestriction TotalClosure SpeedRestriction NoCatenary AffectedTrafficVolume TCRClassification TrafficMeasures Deviations InternationalCoordination InYearlyTimetable IndicationOfTimetableAdaption

	InYearlyTimetable IndicationOfTimetableAdaption
source	<pre><xs:element name="OperationalConsequences" type="OperationalConsequencesType" minOccurs="0"/></pre>

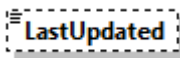
element **TCRType/Incident**

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 **TCRType/ProjectID**

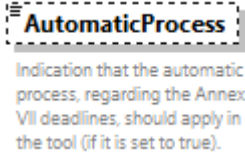
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
source	<pre><xs:element name="ProjectID" type="xs:string" minOccurs="0"/></pre>

element **TCRType/LastUpdated**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1

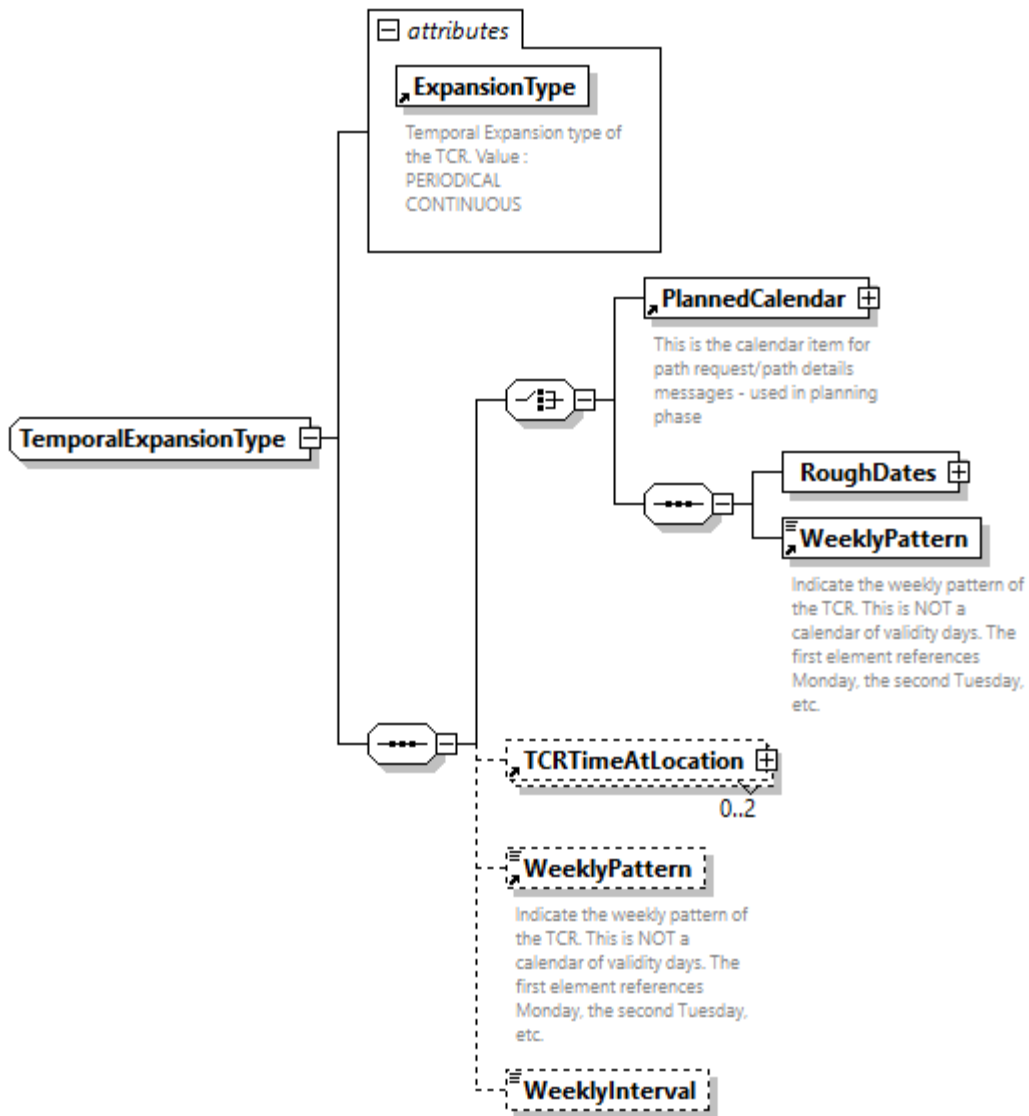
	content simple
source	<code><xs:element name="LastUpdated" type="xs:dateTime" minOccurs="0"/></code>

element **TCRType/AutomaticProcess**

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



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

children [PlannedCalendar](#) [RoughDates](#) [WeeklyPattern](#) [TCRTTimeAtLocation](#) [WeeklyInterval](#)

used by element [TCRTType/TemporalExpansion](#)

attributes	Name	Type	Use	Default	Fixed	Annotation
	ExpansionType	derived by: xs:token	required			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	
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**

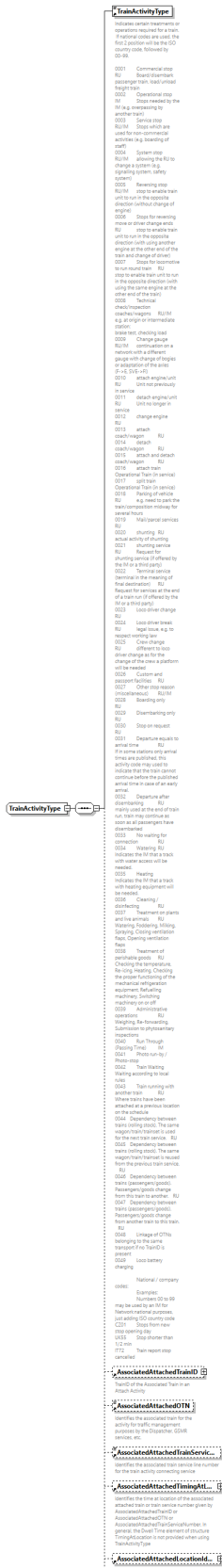
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	DelayType
properties	minOcc 0 maxOcc 4 content complex
children	TCRMeasures Value

source

```
<xs:element name="EstimatedDelay" type="DelayType" minOccurs="0" maxOccurs="4"/>
```

complexType **TrainActivityType**

diagram



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**

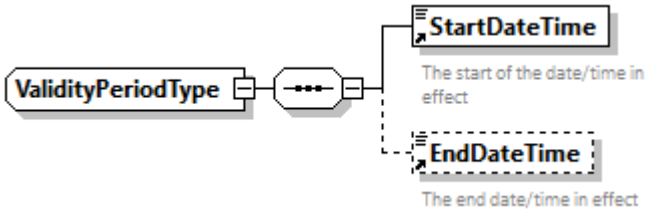
type	TCRValidationStatusType		
properties	use required		
facets	Kind	Value	Annotation
	enumeration	PASSED	
	enumeration	INFO	

	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>

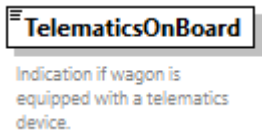
```

        <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..∞ 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>

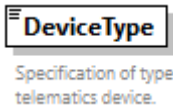
```

        <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"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>

```

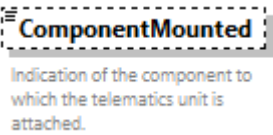
	<pre> <xs:enumeration value="5"/> <xs:enumeration value="6"/> <xs:enumeration value="7"/> <xs:enumeration value="8"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ManufacturerName" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Name of the manufacturer of the telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element> <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

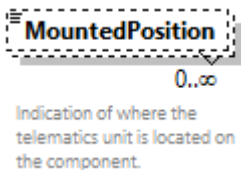
	enumeration Sensor
annotation	documentation Specification of type of telematics device.
source	<pre> <xs:element name="DeviceType"> <xs:annotation> <xs:documentation xml:lang="en">Specification of type of telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <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	

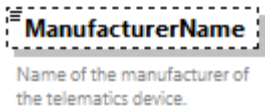
	enumeration Brake valves
annotation	documentation Indication of the component to which the telematics unit is attached.
source	<pre> <xs:element name="ComponentMounted" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Indication of the component to which the telematics unit is attached.</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	
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>

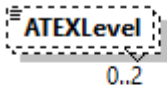
element **WagonTelematics/TelematicsDevice/ManufacturerName**

diagram	
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 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>

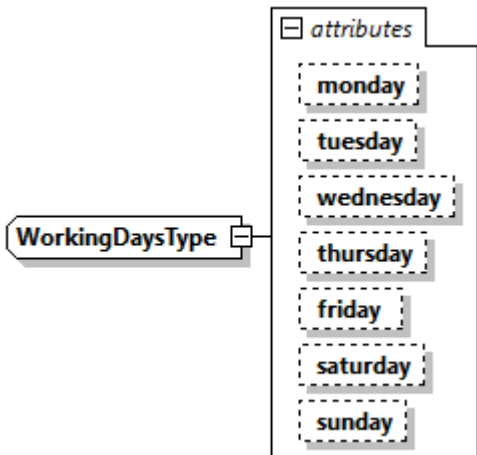
element **WagonTelematics/TelematicsDevice/ATEXCertified**

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	elements AllocationCompany RID Checking/CheckingBody/BodyID ConsignmentOrderMessage/COMS/COM/AcceptancePoint/CarrierCode ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/CarrierCode Wagons/WagonDetails/FormalReports/CarrierCode Wagons/WagonDetails/Examination/CarrierCode ConsignmentOrderMessage/COMS/COM/Carriers/CarrierCode ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierCode Company

	AffectedIMType/CompanyCode CoordinatingIM ConsignmentOrderMessage/COMS/COM/RU Declarations/RU Declaration/DeclaringRU TrainOrCoachGroupComposition/Unit/ItineraryOfCoachOrTrainset/OriginOfVehicle/ForwardingRU IM Partner ImpactedRU ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicingCarrierCode Keeper LeadRU NextResponsibleRU PreviousResponsibleRU ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU ConsignmentOrderMessage/COMS/COM Header/ReceivingRU 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 Sender ConsignmentOrderMessage/COMS/COM Header/SendingRU WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingCarrier TrafficType/TrafficTypeNetwork WagonStatusMessages/WagonStatusMessage/Train/TrainOperatingRU TransfereeIM UserRU TCRType/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		
source	<pre><xs:simpleType name="CompanyCode"> <xs:annotation> <xs:documentation>Identifies the RU, IM or other company involved in the Rail Transport Chain</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	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></pre>		

	<pre> </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> </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	<pre><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></pre>

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 formalities
enumeration	82	documentation

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

```

<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">

```

	<pre> <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"> <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> </pre>

	<pre> </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> </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> </pre>

	<pre> <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> <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> </pre>

	<pre> <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	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"> <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	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>cn</td><td>documentation Container</td></tr><tr><td>enumeration</td><td>sw</td><td>documentation swap body</td></tr><tr><td>enumeration</td><td>te</td><td>documentation Trailer (RollingRoad)</td></tr></tbody></table>	Kind	Value	Annotation	enumeration	cn	documentation Container	enumeration	sw	documentation swap body	enumeration	te	documentation Trailer (RollingRoad)
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	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
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>

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 CargoCodeType
facets	complexType Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Clear Text in ISO Unicode character set
source	<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>

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

```

        </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>
<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
paiement</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>

```

	<pre> </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> </pre>

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


```

<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>
    <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>

```

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:integer		
properties	base xs:integer		
used by	element	RelatedReference/RelatedType	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	9999	
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:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </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	elements	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	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**

namespa ce	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
propertie s	base xs:integer		
used by	eleme nt	RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcrcditedRe cognizedBody	
facets	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	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>-999</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	-999		maxInclusive	999	
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 RollingStockDataset/DesignDataSet/BogiePivotPitch RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen RollingStockDataset/DesignDataSet/InnerWheelbase LocationPrimaryCode RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory									
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									
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	<xs:simpleType name="Numeric1-6"> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType>		

	<pre> </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	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	<pre><xs:simpleType name="ParkingBrakeForceType"> <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	<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 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	<pre><xs:simpleType name="PercentageType"> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType></pre>		

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 enumeration	Value 07	Annotation 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

	enumeration68 larger than the planned one documentation F - First or last wagon of a wagon group from which it must not be separated enumeration70 documentation F - Shunt with care (1 red triangle) enumeration71 documentation F - Shunt with special care (2 red triangle) enumeration90 documentation P - Train planned with passengers operated without passengers enumeration91 documentation P - Train planned without passengers operated with passengers enumeration92 documentation P - Train planned with hauled rolling stock and operated without any coaches (light engine) enumeration94 documentation F - Gas carrying wagon without orange side stripe enumeration99 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></td><td> x </td></tr><tr><td>08</td><td> x F</td><td>Tank wagon loaded with liquid</td></tr><tr><td></td><td></td><td> x </td></tr><tr><td>09</td><td>F</td><td>Wagon loaded with people</td></tr><tr><td></td><td></td><td> x </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> x </td></tr><tr><td>12</td><td>F</td><td>Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres</td></tr><tr><td>13</td><td>F</td><td>Bogie wagon with distance between wheels of more than 17,50 metres</td></tr><tr><td></td><td></td><td> x </td></tr><tr><td>15</td><td>F</td><td>Wagon not allowed over the hump</td></tr></table>	Code	F or P	Description			T D L	07	F	Shunt only when hand brake operable with ground staff			x	08	x 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
Code	F or P	Description																																									
		T D L																																									
07	F	Shunt only when hand brake operable with ground staff																																									
		x																																									
08	x 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																																									

[illegible]

	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	
	50	P (+F)	Speed restriction	x x x	
	52	P (+F)	Diesel locomotive instead of electric locomotive	x x	
	61	F	Wagon forming part of a consignment of several wagons	x	(X) F
	62	F	Wagon forming part of a group of wagons from which it must not be separated	x	
	63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one	x	
	68	F	First or last wagon of a wagon group from which it must not be separated	x x	
	70	F	Shunt with care (1 red triangle)	x	
	71	F	Shunt with special care (2 red triangle)	x x x	
	90	P	Train planned with passengers operated without passengers	x x x	
	91	P	Train planned without passengers operated with passengers	x	
	92	P	Train planned with hauled rolling stock and operated without any coaches (light engine)	x	
	94	F	Gas carrying wagon without orange side stripe	x x	
	99	P	Other		
				x	

	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 X X F Place this wagon at the rear of the train			
	50	X X X P (+F) Speed restriction			
	52	X X P (+F) Diesel locomotive instead of electric locomotive			
	61	F Wagon forming part of a consignment of several wagons		X	(X) F

62	F	Wagon forming part of a group of wagons from which it must not be separated	x
63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one	x x
68	F	First or last wagon of a wagon group from which it must not be separated	x
70	F	Shunt with care (1 red triangle)	x
71	F	Shunt with special care (2 red triangle)	x x x
90	P	Train planned with passengers operated without passengers	x x x
91	P	Train planned without passengers operated with passengers	x
92	P	Train planned with hauled rolling stock and operated without any coaches (light engine)	x
94	F	Gas carrying wagon without orange side stripe	x x
99	P	Other	x

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:restriction>
</xs:documentation>

```

```

<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 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>
</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>

```

	<pre> <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> </xs:annotation> <xs:restriction base="Numeric0-3"/> </xs:simpleType></pre>		

simpleType **RunningStatus**

simple type TrainLocationStatus			
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	<pre> <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:restriction> </xs:simpleType> </pre>

```

    </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>
      <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">

```

	<pre> <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"> <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	element LocationSubsidiaryCode		
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	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 **String1-5**

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	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>5</td><td></td></tr><tr><td>maxLength</td><td>8</td><td></td></tr></table>	Kind	Value	Annotation	minLength	5		maxLength	8	
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:restriction base="xs:time"/> </xs:simpleType></pre>

	</xs:simpleType>

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	
	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	05	
	enumeration	06	
	enumeration	07	
	enumeration	08	
	enumeration	09	
	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	30	
	enumeration	31	
	enumeration	32	
	enumeration	33	
	enumeration	34	
	enumeration	35	

	enumeration 36 enumeration 37 enumeration 38 enumeration 39 enumeration 40 enumeration 41 enumeration 42 enumeration 43 enumeration 44 enumeration 45 enumeration 46 enumeration 47 enumeration 48 enumeration 49 enumeration 50 enumeration 51 enumeration 52 enumeration 53 enumeration 54
annotation	documentation Type of Train Control System Identifies the command control system of the train in coded values. 1 ALSN 2 ASFA 3 ATB 1st Gen 4 ATB Next Gen 5 ATC 6 ATP 7 CIR 1 (traction unit is equipped with LZB CIR-ELKE I) 8 CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II) 9 CIR 2 (traction unit is equipped with LZB CIR-ELKE II) 10 Crocodile 11 DAAT 12 EBICAB 700 13 EBICAB 900 14 EFA (all traction units/driving cabins of the train are equipped with an electronic drivers cab display (EFA)) 15 ETCS L1 LS plus EuroZUB 16 ETCS L1 SRS 2.3.0d (traction unit is equipped with ETCS Level 1 version 2.3.0d) 17 ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2 version 2.3.0d) 18 ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2 version 3.3.0) 19 ETCS L2 SRS 3.4.0 (traction unit is equipped with ETCS Level 2 version 3.4.0) 20 ETCS L2 SRS 3.6.0 (traction unit is equipped with ETCS Level 2 version 3.6.0) 21 ETCS Level 0 22 ETCS Level 1 23 ETCS Level 2 24 ETCS Level 3 25 ETCS Level NSC 26 EVM 27 Indusi 54

	28 Indusi 60 R 29 Indusi PZ 80 30 KBS-E 31 KCVB 32 KCVP 33 KVB 34 KVBP 35 LS 36 LS 90 37 LS I 38 LS III 39 LS IV 40 LZB 41 Mirel 42 NEXTEO 43 PZB 44 PZB90 45 SCMT 46 SHP 47 SIFA 48 STM ASFA 49 STM LZB 50 TBL 1 51 TBL 2 52 TVM 300 53 TVM 430 54 ZUB
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. 1 ALSN 2 ASFA 3 ATB 1st Gen 4 ATB Next Gen 5 ATC 6 ATP 7 CIR 1 (traction unit is equipped with LZB CIR-ELKE I) 8 CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II) 9 CIR 2 (traction unit is equipped with LZB CIR-ELKE II) 10 Crocodile 11 DAAT 12 EBICAB 700 13 EBICAB 900 14 EFA (all traction units/driving cabins of the train are equipped with an electronic drivers cab display (EFA)) 15 ETCS L1 LS plus EuroZUB 16 ETCS L1 SRS 2.3.0d (traction unit is equipped with ETCS Level 1 version 2.3.0d) 17 ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2 version 2.3.0d) 18 ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2 version 3.3.0) 19 ETCS L2 SRS 3.4.0 (traction unit is equipped with ETCS Level 2 version 3.4.0) 20 ETCS L2 SRS 3.6.0 (traction unit is equipped with ETCS Level 2 version 3.6.0) 21 ETCS Level 0 22 ETCS Level 1 </pre>

23	ETCS Level 2
24	ETCS Level 3
25	ETCS Level NSC
26	EVM
27	Indusi 54
28	Indusi 60 R
29	Indusi PZ 80
30	KBS-E
31	KCVB
32	KCVP
33	KVB
34	KVBP
35	LS
36	LS 90
37	LS I
38	LS III
39	LS IV
40	LZB
41	Mirel
42	NEXTEO
43	PZB
44	PZB90
45	SCMT
46	SHP
47	SIFA
48	STM ASFA
49	STM LZB
50	TBL 1
51	TBL 2
52	TVM 300
53	TVM 430
54	ZUB</xs:documentation>

```

</xs:annotation>
<xs:restriction base="xs:token">
  <xs:enumeration value="01"/>
  <xs:enumeration value="02"/>
  <xs:enumeration value="03"/>
  <xs:enumeration value="04"/>
  <xs:enumeration value="05"/>
  <xs:enumeration value="06"/>
  <xs:enumeration value="07"/>
  <xs:enumeration value="08"/>
  <xs:enumeration value="09"/>
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  <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"/>

```

	<pre> <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="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="40"/> <xs:enumeration value="41"/> <xs:enumeration value="42"/> <xs:enumeration value="43"/> <xs:enumeration value="44"/> <xs:enumeration value="45"/> <xs:enumeration value="46"/> <xs:enumeration value="47"/> <xs:enumeration value="48"/> <xs:enumeration value="49"/> <xs:enumeration value="50"/> <xs:enumeration value="51"/> <xs:enumeration value="52"/> <xs:enumeration value="53"/> <xs:enumeration value="54"/> </xs:restriction> </xs:simpleType> </pre>

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	<xs:simpleType name="TypeOfIMHarmonizationCode"> <xs:annotation>		

	<pre> <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:enumeration value="2"> <xs:annotation> <xs:documentation>harmonisation - accepted</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>harmonisation - rejected</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Request ready</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>path study request</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>pre-arranged path/reserve capacity</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>create offer</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>

	<pre> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>coordination update</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>draft offer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>draft alternative offer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>observation - in process</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>observation - complete</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>preparation of final offer - in process</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>preparation of final offer - accepted</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>preparation of final offer - rejected</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>final offer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>final offer - accepted</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> </pre>

	<pre> <xs:documentation>alternative offer accepted</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="19"> <xs:annotation> <xs:documentation>pre-accepted offer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="20"> <xs:annotation> <xs:documentation>Final Offer rejected</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="21"> <xs:annotation> <xs:documentation>no alternative available</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="22"> <xs:annotation> <xs:documentation>booked</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="23"> <xs:annotation> <xs:documentation>preparation of draft alternative offer is in progress</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="24"> <xs:annotation> <xs:documentation>alternative offer triggered by IM</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="25"> <xs:annotation> <xs:documentation>offer/final offer rejected (without revision)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="26"> <xs:annotation> <xs:documentation>alternative offer rejected (without revision)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="27"> <xs:annotation> <xs:documentation>offer/final offer rejected (revision required)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="28"> <xs:annotation> <xs:documentation>alternative offer rejected (revision </pre>

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required)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="29">
  <xs:annotation>
    <xs:documentation>withdrawal</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="30">
  <xs:annotation>
    <xs:documentation>Create Dossier</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="31">
  <xs:annotation>
    <xs:documentation>Close Dossier</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="32">
  <xs:annotation>
    <xs:documentation>Path canceled full</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="33">
  <xs:annotation>
    <xs:documentation>Path canceled partial</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="40">
  <xs:annotation>
    <xs:documentation>Fully Assembled Path (FAP, constructed
path)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="42">
  <xs:annotation>
    <xs:documentation>Preparation of draft offer -
accepted</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="43">
  <xs:annotation>
    <xs:documentation>Preparation of draft offer -
rejected</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="44">
  <xs:annotation>
    <xs:documentation>Draft offer rejected</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="45">
  <xs:annotation>
    <xs:documentation>Draft no alternative available</xs:documentation>
  </xs:annotation>

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</xs:enumeration>
<xs:enumeration value="50">
  <xs:annotation>
    <xs:documentation>activate path (utilisation
notification)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="51">
  <xs:annotation>
    <xs:documentation>deactivate path (utilisation
notification)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="52">
  <xs:annotation>
    <xs:documentation>confirmation of utilisation
notification</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="53">
  <xs:annotation>
    <xs:documentation>Path and train cancelled </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="54">
  <xs:annotation>
    <xs:documentation>Pre-booking in progress</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="55">
  <xs:annotation>
    <xs:documentation>Preparation of alternative offer in progress
(optimization)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="56">
  <xs:annotation>
    <xs:documentation>Alternative offer triggered by IM
(optimization)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="65">
  <xs:annotation>
    <xs:documentation>Preparation of alternative offer in progress due to route
update (used in PathNotAvailableMessage)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="66">
  <xs:annotation>
    <xs:documentation>Booked after route update (used in
PathDetailsMessage)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>

```

	</xs:simpleType>

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>		

	<pre> </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>		

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> <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"> </pre>

	<pre> <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"> <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> </pre>

	<pre><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>		

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"></pre>		

	<pre> <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 TotalWeight LoadingTackles/TotalWeightLoadingTackles WagonWeightEmpty ILUDataMessage/QueryResponse/ILUData/Weights/Weight RID/WeightNettoExplosiveMass	
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>		

	<pre> </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"> <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	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>PERIODICAL</td><td></td></tr><tr><td>enumeration</td><td>CONTINUOUS</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	PERIODICAL		enumeration	CONTINUOUS	
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>									

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
enumeration	6	All points (tracks)
		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
enumeration	29	Equipment to inform the board staff for train traffic and shunting. documentation Phase break documentation
enumeration	33	Border of the power supply systems (catenary). documentation Hot spot detector documentation
enumeration	36	Trackside equipment which detects hot wheels or axle-box on passing trains. 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

	enumeration	51	Indoor cleaning platform Cleaning point - interior documentation
	enumeration	52	Car-wash plant Cleaning point - outdoor documentation
	enumeration	54	Short dry-cleaning track Cleaning point documentation
	enumeration	56	Sand-filling station Location where sand is filled documentation
	enumeration	57	Signal box The location of a building containing signalling equipment 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	OSJD system based location documentation
	enumeration	59	Location code used within OSJD 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 Primary Location.
	enumeration	60	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	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	Location ENEE Code documentation
			Legacy ENEE code of the parent primary location. Different coding of primary location.
	enumeration	70	Network Border documentation
			Network border between two neighboring IM's; first or last Primary Location on a network. Attribute of primary location.
	enumeration	71	State border documentation
			Political border between two member states. Attribute of primary location.
	enumeration	72	Administrative border documentation

	enumeration 74 documentation Border point inside a member state to define federal structures or administrative districts or local areas. Attribute of primary location. enumeration 75 documentation Operational handover documentation Location where the responsibility for operation changes or can change between two involved IMs. Attribute of primary location. enumeration 76 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 99 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> </pre>

```

        <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: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>

```

	<pre> <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"> </pre>

```

<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>
    <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 -
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 trackCleaning
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.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="61">
  <xs:annotation>
    <xs:documentation>Relief facility</xs:documentation>
    <xs:documentation>Facilities providing equipment and infrastructure
used to overcome a disruption (derailment, collision or other accidents). Physical
part of Primary Location.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="66">
  <xs:annotation>
    <xs:documentation>Location ENEE Code</xs:documentation>
    <xs:documentation>Legacy ENEE code of the parent primary location.
Different coding of primary location.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="70">
  <xs:annotation>
    <xs:documentation>Network Border</xs:documentation>
    <xs:documentation>Network border between two neighboring IM's; first or
last Primary Location on a network. Attribute of primary
location.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="71">
  <xs:annotation>
    <xs:documentation>State border</xs:documentation>
    <xs:documentation>Political border between two member states. Attribute
```



```

of primary location.</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="72">
    <xs:annotation>
        <xs:documentation>Administrative border</xs:documentation>
        <xs:documentation>Border point inside a member state to define federal
structures or administrative districts or local areas. Attribute of primary
location.</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="74">
    <xs:annotation>
        <xs:documentation>Operational handover</xs:documentation>
        <xs:documentation>Location where the responsibility for operation
changes or can change between two involved IMs. Attribute of primary
location.</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="75">
    <xs:annotation>
        <xs:documentation>Planning handover</xs:documentation>
        <xs:documentation>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> <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>
</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:annotation>
    </xs:enumeration>
    <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:annotation>
    </xs:enumeration>
    <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
location outside the open access network where passengers can put their car on a
carrying train
      </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:annotation>
  </xs:enumeration-->
</xs:documentation/>

```

	<pre> </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 enumeration	Value PLA	Annotation 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> <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:restriction> </xs:simpleType> </xs:attribute> </pre>

	<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="ALA"> <xs:annotation> <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"> <xs:annotation> <xs:documentation>Latest Run Through</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>