

COMPARISON GLOSSARY TrainID (WG10/TG4), TAP/TAF IMPLEMENTATION GUIDE AND ERA

The Table contains the columns Term, Definition found in which glossary (marked with X), the original Source and an indication of the definition is valid for TAF and/or TAP. In some cases a remark is added. The glossary in the TAF Legal Text should still be taken into account.

The aim of this glossary is to be the central glossary for the TEG's and Sector Handbook.

TrainID Group (ex. WG 10 and ex. TG4)

SH = Sector Handbook

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
Access party	A licensed railway undertaking or, to the extent authorised by each Member State, another party seeking to procure a path in the timetable for the operation of railway service on its territory with commercial or public-service intent. Examples of such authorised parties may be public authorities, or any other party having an access contract or an international group of such parties, which is also known as an applicant group or access party group		X		TAP Legal text		X	This definition comes from the TAP legal text. The term Access party is a synonym for Applicant also a definition in this Glossary coming from the TAF legal text. ERA has done a suggestion for a other definition of Applicant. The outcome of that can lead to a change in this document.
ACID	Stands for Atomicity, Consistency, Isolation, Durability These are the four primary attributes common to any transaction: Atomicity. In a transaction involving two or more discrete pieces of information, either all of the pieces are committed or none are Consistency. A transaction either creates a new and valid state of data or, if any failure occurs, returns all data to the state before the transaction was started		X	X	TAF Legal text (Commission Regulation 2006/62/EC)	X	X	

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	Isolation. A transaction in process and not yet committed must remain isolated from any other transaction Durability. Committed data are saved by the system so that, even in the event of a failure and system restart, the data are available in their correct state							
Additional Delay	- unscheduled extension of running time of a train that can be monitored on a certain section/ideally attributed to an incident - extended stopping time beyond the scheduled stopping time (2min stop lasting 3 min is a 1 min variation of delay) This is a variation of a delay (additional). Variation can be additional and also less delay. Both lateness and Delay is needed for performance regimes.		X		EG2	X	X	
Allocation Body	Allocation Body: Independent organisation responsible for train path allocation to RUs; this includes the designation of individual paths and the assessment of their availability. In most cases, the AB is the same organisation as the IM. But if the rail operator is not independent from the IM, then path allocation must be carried out by an independent AB, according to the relevant guidelines of the first EU Railway package.		X		TAF WG5	X	X	
Annual timetable	The timetable the IM/RU/Applicant is planning for. The annual		X			X	X	Proposal will be discussed by TG1: Suggestion to replace the use of definition Yearly timetable with Annual Timetable

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	timetable is established once per calendar year; the change of working timetable takes place at midnight on the second Saturday in December every year.							
Applicant	A licensed railway undertaking and/or an international grouping of railway undertakings, and, in Member States which provide for such a possibility, other persons and/or legal entities with public service or commercial interest in procuring infrastructure capacity, such as public authorities under Council Regulation (EEC) No 1191/69 (1) and shippers, freight forwarders and combined transport operators, for the operation of railway service on their respective territories.	X		X	TAF Legal text Commission Regulation 2006/62/EC	X		ERA has done a suggestion for a other definition of Applicant. The outcome of that can lead to a change in this document.
Arrival date/time, actual	The actual date (And time) of arrival of means of transport		X		TAF Legal text	X	X	
Arrival date/time, estimated	The date (And time) of arrival of means of transport based on the current forecast		X	X	TAF Legal text	X	X	
Arrival date/time, planned	The date (And time) of arrival of means of transport in the timetable		X	X	TAF Legal text	X	X	
Arrival delay, actual	The time difference between the arrival date/time actual and the arrival date/time Planned		X	X	TAF Legal text	X	X	
Arrival delay, expected	The time difference between the arrival date/time Estimated and the arrival date/time Planned		X	X	TAF Legal text	X	X	
At the discretion of	Means that the railway undertaking can decide based on its experience and its needs		X		TAF Legal text	X	X	

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Attribute	An attribute is a specification that defines a property of an object. (see Wikipedia -> http://en.wikipedia.org/wiki/Attribute_%28computing% 29 for details)	X				X	X	
Attributing system	An electronic system hosting the catalogue of transport services for which a transport service provider authorises distributors to issue travel documents		X		TAP Legal text	X	X	
Attributor	A company managing an attributing system. May be a carrier		X	X	TAP Legal text	X	X	
Authorised Public Body	A public authority having a statutory obligation or right to provide members of the public with travel information and also refers to the public authority which is responsible for the enforcement of Regulation (EC) No 1371/2007 pursuant to Article 30(1) of the Regulation		X		TAP Legal text	X	X	
Availability	The information (transport service, type of offer, tariff, other service) that can actually be obtained by a passenger at a given point in time, for a specific train. Not to be confused with offer, indicating that a (transport service, type of offer, tariff, other service) is offered in the initial planning, but could be sold out and is therefore not obtainable by a passenger at a given time point, for a specific train		X	X	TAP Legal text		X	
Banking traction	Active engine at the rear of a train (could be the only one or assisting other traction units in the train). In British English this is limited to an additional engine pushing the train up a hill.		X		EG1		X	

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Basic parameter	Any regulatory, technical or operational condition which is critical to interoperability and requires a decision in accordance with the procedure laid down in Article 21(2) before any development of draft TSIs by the joint representative body		X	X	TAP Legal text	X	X	
Booked time	Is the booked scheduled time after an eventual re-planning phase. If there is no re-planning, BookedTime and ReferencedTime are identic.		X		EG2	X	X	
Booking (selling)	The selling of a ticket with or without a reservation		X	X	TAP Legal text		X	
Business Scenario	A business scenario describes a process workflow: Starting with a todays situation the scenario describes the referencing and changing of objects with their new identifiers during each process step. The aim is to present the way to overcome the gaps and weaknesses in the deployment of the actual identifiers.	X				X	X	
Carrier	The contractual railway undertaking with whom the passenger has concluded a transport contract or a series of successive railway undertakings which are liable on the basis of such a contract		X	X	TAP Legal text		X	
Carrier, Joint	A carrier linked by a cooperation agreement to one or more other carriers for the operation of a transport service		X		TAP Legal text		X	
Carrier, Sole	A carrier that operates a transport service independently of other carriers		X		TAP Legal text		X	

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Case Reference	Reference (ID) for a particular case used to help organizing communication between business partners. A Case Reference can refer to one of more related Dossiers.	X				X	X	The use of the Case reference needs to be explained in more detail in the upgraded version of the handbook, using Scenarios and text.
Change Control Management	Describes the organisation to manage changes of TAP and TAF technical documents		X			X	X	
Channel	Means the method (such as ticket office machine, on-train media, public web services, telesales, mobile ticketing) by which a service (information, ticket sale, ticket refund, response to complaints, etc.) is provided to the passenger by a railway undertaking		X	X	TAP Legal text		X	
Coach ID	The unique identification number of a coach		X	X	TAP Legal text		X	
Code list	Refers to analytical process in which data are categorised to facilitate processes (refers to an attribute)		X		EG1	X	X	
Commission	Means the European Commission		X		TAP Legal text	X	X	
Conditional element	. A conditional element is a optional field in a message that can be made mandatory according to national rules and bilateral agreements.		X		EG2	X	X	
Contracted RU	The RU who has booked the path on which the train is actually running.		X			X	X	
Control and safety systems.	The set of functions and their implementation which allow the safe and predictable movement, monitoring and reporting of rail traffic in order to meet the desired operational activities. “	X				X	X	

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Controller (Rail traffic ~)	Staff in RU or IM control centers supervising the rail traffic (equivalent to Dispatcher in American English).		X		EG2	X	X	
Coordinating IM	Leads the communication either with the lead RU and/or between the involved IMs/ABs regarding matters of the train run. Firstly checks that the correctly involved IMs/ABs (based on handover points) have been identified. - Lead RU may choose the Coordinating IM - Role may be handed over to another IM - If no other IM/AB accepts the role, the IM/AB which had been first chosen by the Lead RU has to execute this role.		X		WG5	X	X	
COTS-product	Commercial off-the-shelf products		X	X	TAP Legal text	X	X	
Customer	A person who intends to buy, is buying, or has bought a railway product for him/herself or for other person(s). May therefore be different from passenger (see passenger)		X	X	TAP Legal text	X	X	
Decryption	The converting of encrypted data back into their original form		X	X	TAP Legal text	X	X	
Delay	The time difference between the time the train was scheduled to arrive according to the published timetable and the time of his/her actual or expected arrival		X	X	TAP Legal text	X	X	
Delta deviation / delta time value	The 'lateness or earliness' in relation to the operational scheduled time that has been booked --> see also additional delay		X		TAP Legal text	X	X	

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Departure date/time, actual	The actual date (And time) of departure of means of transport		X	X	TAP Legal text	X	X	
Departure date/time, estimated	The date (And time) of departure of means of transport based on current forecast		X	X	TAP Legal text	X	X	
Departure date/time, planned	The date (And time) of departure of means of transport in the timetable		X	X	TAP Legal text	X	X	
Departure delay, actual	The time difference between the actual departure date/time and the Planned departure date/time		X	X	TAP Legal text	X	X	
Departure delay, expected	The time difference from the departure date/time and the expected departure date/time		X	X	TAP Legal text	X	X	
Directive 2008/57	Means Directive 2008/57/EC of the European Parliament and of the Council of 17 June 2008 on the interoperability of the rail system within the Community		X		TAP Legal text	X	X	
Display	Means any dynamic visual device located either in Stations or on the inside/outside of trains for the purpose of informing passengers		X		TAP Legal text	X	X	
Disruptive event	Any event or circumstance which materially prevents or materially disrupts the operation of trains or any part of the Network in accordance with the Working Timetable.	X		X	Network Rail - Network Code	X	X	

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Distributor	Means an undertaking providing legal and technical capacity to issuers to sell rail products or to provide on line-facilities to customers to buy rail products. (Besides, the distributor can offer services to issuers by assembling O-Ds carried out by different carriers into complete journeys as required by the traveller. The distributor may be a carrier)		X	X	TAP Legal text		X	
Domestic journey	A journey by rail whereby a passenger/freight does not cross a border of a Member State		X	X	TAP Legal text	X	X	
Domestic rail passenger service	A rail passenger service which does not cross a border of a Member State		X	X	TAP Legal text		X	

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Dossier	A collection of all data related to a specific interoperable transport need and the requirement for its fulfilment (from the transport idea to the assembled paths). A Dossier contains the basic data for the transport request (dates, participants etc.), timetables (RU and IM), and all other information relating to the specific request/assembled paths. The dossier is created by the lead RU (in case of cooperation) or a single RU operating in open access. In the first case, it can be used to coordinate the planning efforts of RUs working in co-operation. The dossiers can contain one or more path requests depending on the number of IM's involved. The dossier is communicated to the IM's. A dossier is important for keeping all involved players (RUs/IMs) updated on any changes for the entire life cycle from the path request until the train preparation phase. The reference implementation of the Dossier business object is provided within the Path Coordination System (PCS) of RNE.				TG4			
Encryption	The encoding of data		X	X	TAP Legal text	X	X	
ERA	European Railway Agency		X		TAP Legal text	X	X	
ESB	Enterprise service bus translates a message to the correct message type and sends the message to the correct producer service		X		TAP Legal text	X	X	

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Essential requirements	Means all the conditions set out in Annex III to Directive 2008/57/EC which must be met by the trans-European rail system, the subsystems, and the Interoperability Constituents including interfaces		X		TAP Legal text	X	X	
ETA	The Estimated time of arrival (of the train at the station)		X	X	TAP Legal text	X	X	
ETH	The Estimated time of Handover (of a train from one infrastructure manager to another)		X	X	TAP Legal text	X	X	
ETI	The Estimated time of Interchange (of the train from one railway undertaking to another)		X	X	TAP Legal text	X	X	
External Object	The version of the object that contains the data in the TAF and TAP messages.	X				X	X	
External versus internal level	There is a differentiation between • Internal: the individual situation and IT systems inside each company (internal) and • External: the common situation and IT systems outside of the individual company.	X				X	X	
Fare	A charge to be paid for transportation or service		X	X	TAP Legal text	X	X	
Forecast	The best estimate of an event (e.g. arrival, departure or passing time of a train)		X	X	TAP Legal text	X	X	
Forecast point	A target point for which the forecast is generated. It may relate to arrival, departure, passage or handover		X		TAP Legal text	X	X	
Foreign rail passenger service	A rail passenger service which was purchased by the passenger in a country, but is performed in a country different from the country of purchase		X	X	TAP Legal text		X	

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Foreign sale	The sale of a train ticket by an issuer which is not (one of) the carrier(s) operating the train where the ticket will be used. The issuer is located in a country different from the country of the carrier(s)		X	X	TAP Legal text		X	
FTP	The File Transfer Protocol A protocol to transfer files between computer systems in the TCP/IP network		X	X	TAF Legal text (Commission Regulation 2006/62/EC)	X	X	
Fulfilment	The process which delivers the Product to the customer after its purchase		X	X	TAP Legal text		X	
General Conditions of Carriage	The conditions of the carrier in the form of general conditions or tariffs legally in force in each Member State and which have become, through the conclusion of the contract of carriage, an integral part of it		X	X	TAP Legal text		X	
Global price train	A train that a passenger can board only having purchased a global price ticket		X	X	TAP Legal text		X	

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Handover point	<p>The point where the responsibility changes from one infrastructure manager to another.</p> <p>From the legal point of view this corresponds to the network (national) border. In planning, the real handover point (e.g. responsibilities for timetable planning) is in a station near the network border. This means, one involved IM is planning the paths between the network border and this station on a “foreign” network on behalf of the network owner.</p> <p>In operations the handover point can be close to the border on either side. It is the first point on the current network. Transfer point is the last.</p> <p><i>IMs will need to identify the mutual agreements of the location points which are important for timetable and operational information for every border section.</i></p>		X	X	TAF Legal text (Commission Regulation 2006/62/EC)	X	X	
HTTP	The Hypertext Transfer Protocol - The client/server protocol used to connect to servers on the Web		X	X	TAF Legal text (Commission Regulation 2006/62/EC)	X	X	
Human Machine Interface	Human Machine Interface		X			X	X	

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Identifier (ID)	An identifier is a unique expression which is used to identify a specific example of an object and to differentiate it from other examples. (see Wikipedia -> http://en.wikipedia.org/wiki/Identifier for details)	X				X	X	
IM	See Infrastructure Manager		X		TAP Legal text	X	X	
Index	A table of entries in a book, database or other things sorted in order, that allows a search to be made of the index to find a specific entry in the book or database.		X		EG2	X	X	
Infrastructure Manager (IM)	Any body or undertaking responsible in particular for establishing and maintaining railway infrastructure. This may also include the management of infrastructure control and safety systems. The functions of the infrastructure manager on a network or part of a network may be allocated to different bodies or undertakings.	X	X	X	Directive 91/440/EEC Development of the Community's Railways	X	X	
Inside EU Regulation	Enforceable according to TAF/TAP European regulation		X		EG1	X	X	
Integrated Reservation Tickets - IRT	Means a kind of train ticket restricted to a specific train on a specific date/time. A IRT ticket can only be sold by means of an online transaction between the sales terminal and the attributing system where the relevant train is hosted		X		TAP Legal text		X	

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Interchange between Carriers	The transfer of control from one railway undertaking to another for practical operational, safety and liability reasons. Examples are: — successive railway undertakings, — trains with substitute carriers, — the transfer of information between different railway undertakings		X	X	TAP Legal text		X	
Interchange point	The location where the control of the train is transferred from one railway undertaking to another railway undertaking Regarding a train running, the operation of the train is taken over from one railway undertaking by the other railway undertaking. The interchange point is in the path that is requested by one of the RU's. The paths of the RU's form a continuum part of the journey, The interchange point don't have to be the exact location between two paths. (This could also be a virtual point, which means that the same rolling stock (including engine(s)) and staff continues the journey. In this case, just the responsibility for the train is transferred from one RU to the next RU.)		X		TAP Legal text	X	X	
Intermediate point	The location which defines the start or end point of a journey section. This may be an interchange, handover or handling point, for example		X	X	TAP Legal text	X	X	
Internal Object	Object used within a company	X				X	X	

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Internal Reference Number	Refers to a propriety identification used by an IM to reference a specific event. For example, the IM might give an incident number to a signal failure and refers to that signal failure for delay communication. The Internal Reference Number is not specified on European level.		X			X	X	
International journey	A r journey by rail crossing the border of at least one Member State		X	X	TAP Legal text	X	X	
International rail passenger service	A rail passenger service which crosses a border of at least one Member State		X	X	TAP Legal text		X	
International sale	The sale of a train ticket for an international journey		X	X	TAP Legal text		X	
Interoperability constituent	Any elementary component, group of components, subassembly or complete assembly of equipment incorporated or intended to be incorporated into a subsystem upon which the interoperability of the trans-European rail system directly or indirectly depends. The concept of a constituent covers both tangible objects and intangible objects, such as software		X	X	TAP Legal text	X	X	

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Interoperable vs. non-interoperable business	<p>Interoperable business is involving more than one IM/AB and/or more than one RU for a train journey that crosses one or more networks (this can be both domestic and international).</p> <p>Non interoperable business is involving just one IM AND one RU for a train that crosses one network only (that covers primarily domestic business but in exceptional circumstances can also involve international traffic [e.g. GySEV])</p> <p>(For clarity, the use of "domestic and international trains" should be avoided)</p>		X		EG1	X	X	
Involved RU	RU needed to be involved to run the traffic for their part of the journey.		X		WG5	X	X	
IP	The Internet Protocol		X		TAP Legal text	X	X	
Issuer	Means an undertaking selling the ticket and receiving payment. May be a carrier and/or a distributor. The issuer is the undertaking indicated on the ticket with its code and possibly its logo		X	X	TAP Legal text		X	
Journey	The movement of a passenger/freight (or several passengers travelling together) from a location A to a location B		X	X	TAP Legal text	X	X	A synonym is transport. The term transport is usually used in case of freight.

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Journey planner	An IT system able to propose journey solutions A journey solution is a set of one or more commercial transport services answering at least the question 'How can I go from location A to location B at a given departure/ arrival date And time?'. The question could contain more complex additional criteria, such as 'in the fastest way', 'in the cheapest way', 'with no changes', etc. The passenger can build the journey solutions by him/herself, consulting different information sources, or the solution can be offered to him/her by a journey Planner		X	X	TAP Legal text	X	X	
Keeper	The person who, being the owner of a vehicle or having the right to use it, exploits such vehicle economically in a permanent manner as a means of transport and is registered as such in the Rolling Stock Register		X	X	TAP Legal text	X	X	
Key	A term used to describe an Index on a database. Particularly used in programming when it is possible to have multiple indexes on the same database file.		X		EG2	X	X	
Lateness	Difference between scheduled and actual time at a given point of the journey Both lateness and Delay is needed for performance regimes		X		Common Support Group (CSG) of TAP	X	X	

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Lead RU	For freight purposes the LRU (Lead RU) is responsible for the whole planning of the service but not in a commercial sense (e.g. only point of contact to freight customer) whereas for passenger purposes the LRU coordinates with other RUs involved in the journey but does not necessarily take the complete responsibility. For passenger, the Lead RU is a RU/AP chosen by the involved RUs to initiate the dossier. The task of the Lead RU in passenger business is limited to the planning unless agreed otherwise by the RUs involved.		X		EG1	X	X	
Leaflet 419-1	UIC Leaflet for international Passenger Train Numbers usage	X					X	
Leaflet 419-2	UIC Leaflet for international Freight Train Numbers usage	X				X		
Legacy System	A legacy system is an old technology, old computer system, or old application program that continues to be used, typically because it still functions for the users' needs, even though newer technology or more efficient methods of performing a task are now available (based on Wikipedia see: http://en.wikipedia.org/wiki/Legacy_system).	X				X	X	
Lifecycle of object	The life cycle of an object is the time from an object's creation till the object is no longer used. (see Wikipedia -> http://en.wikipedia.org/wiki/Object_lifetime for details)	X				X	X	

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Loco ID	The unique identification number of a traction unit		X	X	TAP Legal text	X	X	
Long Term Planning	The traffic that is planned ahead of time and for regular train services that are needed during the running timetable.		X		WG5	X	X	Proposal will be discussed by TG1: In GB used term for the Running Timetable. Suggestion to remove this definition.
Long Term vs. Short Term planning	For RU/IM: long term planning is a path request within the framework of annual planning. Short term planning is a path request after the deadline for the annual planning that can be placed according to the Network Statement.		X			X	X	Proposal will be discussed by TG1: In GB used term for the Running Timetable. Suggestion to remove this definition
Make available	The publishing of information or data where access control may be applied		X	X	TAP Legal text	X	X	
Manifest on list	A fulfilment method where the customer makes its purchase in advance (e.g. at home) and receives only a confirmation, usually with a reference code. The undertaking performing this kind of sale provides the TCO with a list of all passengers (and reference codes) admitted on the specific train. The passenger simply manifests his/her desire to be admitted on the train before/after departure at the TCO. TCO checks whether the passenger is allowed to embark/stay on the train		X	X	TAP Legal text		X	
Market price	See Global price		X		TAP Legal text		X	

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Metadata	This term simply means data about data. It describes data, software services, and other components contained in the enterprise information systems. Examples of the types of Metadata include standard data definitions, location and routing information, and synchronisation management for distributing shared data		X	X	TAP Legal text	X	X	
Model	A model is a simplified abstract view of the complex reality. A scientific model represents empirical objects, phenomena, and physical processes in a logical way. The aim is to construct a formal system for which reality is the only interpretation. (seeWikipedia -> http://en.wikipedia.org/wiki/Scientific_model for details)	X				X	X	
Next affected IM	Owner of the network following the current network where a running train is affected by an incident		X		EG2	X	X	
next responsible IM	Owner of the network following the current network the train is running on/or planned to be run on		X		EG1	X	X	
Notified bodies	The bodies which are responsible for assessing the conformity or suitability for use of the Interoperability Constituents or for appraising the EC procedure for verification of the subsystems		X	X	Directive 2001/16/EC	X	X	

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NRT	Non-integrated reservation tickets — This is a way of selling train tickets meant for international or foreign sales, where the issuer can produce the ticket locally, without any online transaction with an attributing system. The NRT tickets are always open tickets, i.e. the contract of carriage is valid on any NRT train serving the route marked on the ticket, within a defined validity period. To issue a NRT ticket the issuer needs a list of OD's (series) and one or more tables of prices corresponding to distance ranges. Reservations can (in some cases must) be purchased together with the ticket		X		TAP Legal text		X	
NRT train	A train that a passenger can board having bought a NRT ticket, in the case of international or foreign sales		X		TAP Legal text		X	
Object	Something about which the computer needs to hold information or data. An object needs to have distinct characteristics to differentiate it from other objects in the same system.		X		EG2	X	X	
Object Identifier	The Identifier of the Object		X		EG2	X	X	

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Object Owner	The object owner is the organisation or body who creates the object and is responsible for the management (changes and updates) of the attributes of the object. This does not imply that he has to update the attributes himself, he can delegate this task or give allowance to others to change it. But the owner is responsible for the object and all its attributes. Some of the objects like the train objects are structured to fulfill the requested behaviour. In each section of such a structured object another company is responsible for the content. In that case the owner of the object is responsible for the complete object and has delegated the different sections to other involved parties. In each section is an indication who is responsible for that section.	X				X	X	
Offer	See availability		X		TAP Legal text		X	
Official website	Means the company's public website where commercial information is released to the customer. The website shall be machine readable by respecting web content accessibility guidelines		X		TAP Legal text		X	
Offset	The offset is a difference in days from a location at which the train is planned from (reference location) to another location in the schedule, e.g. if the reference point is the origin location the offset will be the difference between the day of the start of the train run and the day that same train reaches another planned location.		X			X	X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
One stop shop	A joint body for applicants to request and to receive answers, in a single place and in a single operation, regarding infrastructure capacity for freight trains crossing at least one border along the freight corridor.				Article 13 of EU regulation 913/2010		X	
Operational Pattern	Operational pattern is the time frequency in weeks and days on which the train does run		X			X	X	
Operational Period	Operational period is the time span from Start to End Dates in which the train runs		X			X	X	
Optional	Optional (technical): an optional element is optional for the sender to send it unless otherwise agreed between sender and receiver. A primary key cannot be optional. Optional (business - aka conditional): If a field is optional in the schema, there can still be rules in the Implementation Guides, or business rules, making the use of these elements mandatory (usually, in explanations, these fields can be described as "conditional" - but message schemas do allow "optional" or "mandatory" only)		X		EG2	X	X	
Passenger	Means a person who intends to make, or is making, or has made a journey using the transport services and other services of one or more railway undertakings May be different from customer (see customer)		X	X	TAP Legal text		X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
Path	The infrastructure capacity, in a single network (or by agreement between IMs in transborder sections), needed to run a train between two places over a given time-period (route defined in time and space). A path can be planned by an IM at any time. It can be either part of a catalogue or tailor-made, offered to an applicant, accepted by the applicant, sold as a product to allow (a) train(s) to run, and invoiced.	X				X	X	
Path number	The number of the defined train path		X	X	TAF Legal text (Commission Regulation 2006/62/EC)	X	X	
Payment	The transfer of wealth from one party (such as a customer) to another (such as a distributor). A payment is usually made in exchange for the provision of transport or service		X	X	TAP Legal text		X	
Peer-to-Peer	A class of systems and applications that employ distributed resources to perform a critical function in a decentralised manner		X	X	TAP Legal text	X	X	
Person with reduced mobility (PRM)	Means any person whose mobility when using transport is reduced due to any physical disability (sensory or locomotory, permanent or temporary), intellectual disability or impairment, or any other cause of disability, or as a result of age, and whose situation needs appropriate attention and adaptation to its particular needs of the service made available to all passengers		X	X	TAP Legal text		X	
Platform	Means the area at a station to alight from/board trains		X		TAP Legal text		X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
Pre accepted path	In some networks, the RUs are able to automatically accept paths offered by IM/ABs through a 'pre-acceptance'. This means, the RUs will implicitly accept the offered path details in order to bypass the acceptance phase for speeding up the overall process. This arrangement of pre-acceptance is dependent on company regulation		X		WG5	X	X	
Primary data	Means the basic data as reference data input for messages or as the basis for functionality and calculation of derived data		X	X	TAP Legal text	X	X	
Primary key	On a database file the primary key is a term used to describe the main or first index on the database containing the identifier (normally unique). The term was used in simple database programming and has dropped out of use more recently. This concept applies to the XML-messages		X		EG2	X	X	
PRM	See Person with reduced mobility		X		TAP Legal text		X	
Product	Means a type of train with determined types of services (e.g. high speed, bicycle storage places, PRM accommodation, couchette and/or sleeping cars, dining cars, take-away facilities, etc.) which are linked to relevant prices and may be linked to specific conditions		X	X	TAP Legal text		X	
Public timetable	The time table published to the public.		X					Proposal will be discussed by TG1: The term is used in GB in the Running timetable
Publish	Means the publishing of information or data where no access control shall be applied		X	X	TAP Legal text		X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
Rail system	Means (as in 'trans-European rail system') the structure, as described in Annex I (Directive 2008/57/EC), composed of lines and fixed installations, of the trans-European transport network, built or upgraded for conventional rail transport and combined rail transport, plus the rolling stock designed to travel on that infrastructure		X		TAP Legal text	X	X	
Railway undertaking	Any public or private undertaking, licensed according to applicable Community legislation, the principal business of which is to provide services for the transport of goods and/or passengers by rail with a requirement that the undertaking must ensure traction; this also includes undertakings which provide traction only.	X		X	Directive 91/440/EEC Development of the Community's	X	X	Keep the definition from the directive (the one given here)
Reference data	Describes a physical or virtual object and its properties. Reference data defines characteristics of an identifier that are used within other data-centric processes.		X		EG1	X	X	
Reference location	The location point from which a train is planned to another location in the schedule.				TG4	X	X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
Reference train number	The Reference Train Number makes the link between planned OTN (becoming RTN) and actual OTN (that might be different due to operational reasons). RTN is usually the planned OTN at origin with the planned date and time of departure at origin. If there is an agreement between two IMs, the RTN can be the planned OTN and the planned date and time (of run through or departure) at the handover point between these IMs.		X			X	X	
ReferencedTime	Referenced time is the original contracted time after planning phase (annual or short term path)		X		EG2	X	X	
Relation between Train ID and the operational train number	Train ID is the Identifier for the object Train, the operational Train Number is an attribute to the object Path	X						It's not really a definition but more a fact. Because of the importance of the difference between the two objects, the explanation has to be provided within the business rules of the data model in the upgraded version of the handbook.
Reporting point	Means either passing points used by an infrastructure manager to provide train running information (only) or points where forecasts are generated		X		TAP Legal text	X	X	
Repository	The storage of data similar to a database and data dictionary; however, it usually encompasses a comprehensive information management system environment. It must include not only descriptions of data structures (i.e. entities and elements), but also Metadata of interest to the enterprise, data screens, reports, programs, and systems		X	X	TAP Legal text	X	X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
Reservation	An authorisation on paper or in electronic form giving entitlement to a service (transportation or assistance) subject to a previously confirmed personalised transport arrangement		X	X	TAP Legal text		X	
Reservation system	A computerised system used to store and retrieve information and conduct transactions related to travel. A reservation system is capable of keeping inventory correct in real time, and is accessible to agents/retailers around the world		X	X	TAP Legal text		X	
Responsible IM	IM or AB who is approached by an RU to harmonise a path section of the planned service for interoperable traffic. The Responsible IM may handle this through an OSS function.		X		WG5	X	X	
Retailer	A person or an undertaking that sells to the customer a ticket without or with a reservation for a rail service. A retailer can be a railway undertaking (agent) or an accredited travel agent		X	X	TAP Legal text		X	
Route	The geographical line to be taken from a starting point to a point of destination		X	X	TAP Legal text	X	X	
Route section	Means a part of a route		X	X	TAF Legal text (Commission Regulation 2006/62/EC)	X	X	
RU	See Railway undertaking		X		TAP Legal text	X	X	
Running Timetable	The timetable the IM/RU/Applicant is present operating on. The current timetable / timetable period (the timetable in use)					X	X	Proposal will be discussed by TG1: Suggestion to use the definition Running Timetable instead of Working Timetable
Scheduled vs. Booked time	See booked time		X		EG2	X	X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
Secondary key(s)	The Secondary key is the term used to describe other indexes on a database file, by which a search can be made. When a relational database is created using simple databases, secondary keys would be set up on the database attribute of the primary key of the database to which it relates. The term was used in simple database programming and has dropped out of use more recently.		X		EG2	X	X	
Selling	See Booking		X		TAP Legal text		X	
Service	See Transport service		X		TAP Legal text		X	
Service provider	The responsible entity providing any services linked to the transport of passengers		X	X	TAP Legal text		X	
Set of Wagons/Coaches	A group of wagons or coaches, which are coupled together, either temporarily or permanently, because they are handled together or operated as a single unit (common segment of a given complete path) . Eg. : 2 TGVs assembled together are considered as two sets of coaches and a single train. Defined by the RUs and handled only by RUs IT systems. Communicated to the IMs, yard managers and/or station managers if bilaterally agreed.	X				X	X	
Shall	Means that the definition is an absolute requirement of the specification		X	X	TAP Legal text	X	X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
Shift/Diagram	The grouping of trains together to indicate that some of the resources (crew, vehicles or other resource) used to make up the train is shared by other trains of the same Shift / Diagram.	X				X	X	
Short notice path request	The individual request for a path according to Article 23 of Directive 2001/14/EC due to additional transport demands or operational needs		X	X	TAF Legal text (Commission Regulation 2006/62/EC)	X	X	
Short Term Path Request	Individual request for a (single) path according to Directive 2001/14/EC, Article 23 (Ad-hoc traffic) due to additional transport demands or as a result of changes to needed to the regular train services in the running timetable (e.g. cancellations on one or more days. Also changes to paths booked ahead of time have to be made via the short-term planning process.		X		WG5	X	X	
Short Term processes	See Regular vs. Short Term processes		X		TAP Legal text	X	X	
SQL	Structured Query Language A language devised by IBM, then standardised by ANSI and ISO, which is used for creating, managing and retrieving data in relational databases		X	X	TAP Legal text	X	X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
Stakeholders	Any person or organisation with a reasoned interest in train service delivery e.g.: — Access party (TAP), — Authorised Applicant (TAF),— Railway undertaking, — Locomotive provider, — Coach provider, — Driver/train crew provider, — Infrastructure manager (IM), — Fleet manager, — Ferry boat operator, — Worker, — Ticket vendor, — Passenger - Station Managers		X	X	TAP Legal text	X	X	
Station	A railway location where a passenger train can start, stop or end		X	X	TAP Legal text		X	
Station manager	An organisational entity in a Member State, which has been made responsible for the management of a railway station and which may be the infrastructure manager		X	X	TAP Legal text		X	
Substitute carrier	A railway undertaking, which has not concluded a transport contract with the passenger, but to whom the railway undertaking that is party to the contract has entrusted, in whole or in part, the performance of the transport by rail		X	X	TAP Legal text		X	
Tariff	A specific set of fares available on a given train, on a given day for a given O-D leg of the journey. Tariffs may be grouped in different categories (such as public fares, Group fares, etc.)		X	X	TAP Legal text		X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
TCO	Ticket Controlling Organisation. This is an organisation empowered to inspect passenger tickets. Mostly a carrier. If necessary, the TCO is to deliver security certificates for the International Rail Ticket for Home Printing (IRTHP) to the distributors		X	X	TAP Legal text		X	
Technical Document	Any technical document published by the European Railway Agency pursuant to Article 5(8) of Directive 2008/57		X		TAP Legal text	X	X	
Technical Specification for Interoperability	A specification adopted in accordance with Directive 2008/57/EC by which each subsystem or part subsystem is covered in order to meet the Essential Requirements and ensure the interoperability of the rail system		X	X	Directive 2008/57/EC	X	X	
TETA	See train Estimated time of arrival		X		TAP Legal text	X	X	
Third party	Any public or private undertaking, which is not a railway undertaking or infrastructure manager and provides services ancillary to, or in connection with, the services/transport services		X		TAP Legal text		X	
Through ticket	A ticket or tickets representing a transport contract for successive railway services operated by one or more railway undertakings		X	X	TAP Legal text		X	
Ticket	A material or immaterial registration entitling a passenger to contractually use one or more commercial transport services offered by one or more railway undertakings		X	X	TAP Legal text		X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
Ticket On departure	A fulfilment method where the customer makes its purchase in advance (e.g. at home) and collects the ticket in the departure Station, at a ticket counter or vending machine		X	X	TAP Legal text		X	
Ticket vendor	Any retailer of rail transport services concluding transport contracts and selling tickets on behalf of a railway undertaking or for its own account		X	X	TAP Legal text		X	
Timetable	The list of commercial transport services offered by a railway undertaking during a given time interval (--> this covers the commercial/published timetable in Retail. For RU/IM the timetable covers the list of all transport services (no matter if these are offered))		X	X	TAP Legal text		X	
TOD	See Ticket On Departure		X		TAP Legal text		X	
Tour Operator	An organiser or retailer, other than a railway undertaking, within the meaning of Article 2, points (2) and (3) of Directive 90/314/EEC		X		TAP Legal text		X	
Train	The movement of rail traction unit(s) with or without coupled railway vehicles, or a self-propelled set of railway vehicles, operating between two or more points with train data available				IG4	X	X	
Train Estimated time of Arrival	The Estimated time of arrival of a train at a specific point, e.g. handover point, interchange point, train destination		X	X	TAF Legal text (Commission Regulation 2006/62/EC)	X	X	
Train path	The infrastructure capacity needed to run a train between two places over a given time-period		X		Directive 2001/14/EC	X	X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
Train running interrupted	Means that the continuation of the train is unknown based on local circumstances at the time and in the opinion of the parties involved. If the Delay is known, the infrastructure manager sends a train running forecast message		X	X	TAP Legal text	X	X	
Train set	Train set can be made up of one or more units or engines and coaches		X		EG1		X	
Trans-European rail network	Means the rail network as described in Annex 1 to Directive 2008/57/EC		X	X	Directive 2008/57/EC	X	X	
Transfer Point			X					Definition is missing
Translation layer	The translation layer (TL) is a logical module which is located between the internal side of the Common Interface and the internal IT systems of a company. The translation layer can reduce the adaptations in internal IT systems. If the translation layer is omitted the changes have to be applied in the existing internal IT systems. The translation layer is intermediate solution to reduce the impact on the existing IT systems. With the evolvement of the internal IT systems and the migration to TAF/TSI standards the translation layer will be superseded.	X				X	X	
Transport	The fulfilment, by RU(s) and IM(s), of a need (or expectation of need) to move people or goods from one location to another.	X				X	X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
Transport contract	A contract of carriage for consideration or free of charge between a railway undertaking or a ticket vendor and the passenger for the provision of one or more transport services		X	X	TAP Legal text		X	
Transport mode	A generic type of vehicle capable of transporting passengers (train, plane, bus, etc.)		X	X	TAP Legal text		X	
Transport service	A commercial transport service or transport service under public service contract linking two or more locations, offered by a railway undertaking according to a published timetable. A transport service is normally performed with a specific transport mode		X	X	TAP Legal text		X	
Transport service provider	Any private or public company authorised to transport people in domestic or international passenger traffic. A 'transport service provider' accepts travel documents issued by the accredited sales points of its distributors. It plays the role of the contractual carrier with which the passenger has entered into a contract of carriage. Execution of the transport service may be entrusted, in part or in full, to a substitute carrier		X	X	TAP Legal text		X	
TSI	See Technical Specification for Interoperability		X		TAP Legal text	X	X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
Unique	Unique means the “only one of its kind”. In this context its use is based on the Computer System use where in a Unique reference or index means every entry in the index must be the only entry with that value. (see Wikipedia http://en.wikipedia.org/wiki/Unique for more details)	X				X	X	
Unit	Vehicles that will not be detached in usual operations (such as one TGV set)		X		EG1	X	X	
Vehicle	Any single item of rolling stock, for example a locomotive, carriage or wagon.	X		X	Commission Decision 2008/231/EC concerning the TSI	X	X	
Working timetable	The data defining all planned train and rolling stock movements which will take place on the relevant infrastructure during the period for which it is in force. In the railway business, the terms ‘annual timetable’ or ‘yearly timetable’ are used more often than ‘working timetable’. The detail plan that sits behind the Public timetable which contains the detailed plan for all timing points of the train run (stopping or passing). The Working Timetable is the one that staff always works to.		X		WG5	X	X	Proposal will be discussed by TG1: In GB used term in the Running Timetable. Suggestion to replace the use of Working Timetable with Running Timetable in document
XML	The Extended Mark-up Language		X		TAP Legal text	X	X	
XQL	The Extended Structured Query Language		X	X	TAF Legal text (Commission Regulation 2006/62/EC)	X	X	

Term	Definition	Train ID	SH	ERA	Source	Valid		Remarks by TrainID Group
						TAF	TAP	
Y - Path	A path where two or more portions of a train join or divide during the journey. This could happen on one or more locations along the journey. This is also known as "Association of Trains" in British English		X		EG1	X	X	
PC	Path Confirmed message of the path request process		X			X	X	
PCAN	Path Cancelled message of the path request process		X			X	X	
PDR	Path Details Refused message of the path request process		X			X	X	
ANP	Answer Not Possible message of the path request process		X			X	X	
PNA	Path Not Available message of the path request process		X			X	X	
UN	Utilisation Notification message of the path request process		X			X	X	
PR	Path Request message of the path request process		X			X	X	
PD	Path Details message of the path request process		X			X	X	
RC	Receipt Confirmation message of the path request process		X					