

Technical document

TAF TSI — ANNEX D.2: APPENDIX F — TAF TSI DATA AND MESSAGE MODEL

*In the Document History table, version are identified as x.n where
“x” is a correlative number assigned to an approved version when reaching a main milestones
“n” is a correlative number assigned to draft versions, starting by 1. “n”=0 means version approved
Information related to previous draft versions (i.e. 0.1, 0.2 etc.) shall be deleted from the table when a
subsequent approved version is issued.*

Document History

<i>Version</i>	<i>Date</i>	<i>Comments</i>
1.0	25.01.2011	Initial version
1.1	15.05.2012	New TAF TSI baseline 5.2
2.0	08.08.2013	All the chapters were revised due to the TAF TSI Revision Process and the TAF TSI CCM WP cycle 2012 – 2013. New TAF TSI baseline 5.3.
2.0	17.10.2013	Validated by the ERA TAF CCB on 11.09.2013

2.1	10.02.2015	All the chapters were revised due to the TAF TSI CCM WP cycle 2013 – 2014. Validated by the ERA TAF CCB on 10.02.2015. New TAF TSI baseline 2.1
2.2	18.03.2018	New TAF TSI baseline 2.2
2.2.2	16.06.2018	Validated by the ERA TAF CCB on 31.05.2018.
2.3.0	30.11.2018	Validated by the ERA TAF CCB on 28.11.2018.
2.3.1	16.04.2020	Hotfix 2.3.1
2.4.0	27.05.2020	Validated by the ERA TAF CCB on 27.05.2020
2.4.1	03.09.2020	Hotfix 2.4.1

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Application:

With effect from **08 March 2012**.

All actors of the European Union falling under the provisions of the TAF TSI.

1. Summary

The following document is a complete list of data elements and messages defined in the TAF-TSI data catalogue. It is represented in XML format.

This catalogue shall be used as a basis for message development. During the course of the technical specifications and the implementation phase, this catalogue may be modified and/or amended.

All the elements listed in appendixes B, C and D are contained within this catalogue and described in detail.

The TAF TSI data catalogue is split into two documents:

- › The schema TAF_CAT_COMPLETE.XSD, containing the messages and the main data elements of the TAF TSI
- › The schema TAF_CAT_CODELIST.XSD, containing the code lists of the TAF TSI

In accordance with Commission Regulation (EU) 2015/302 of 25 February 2015 amending Regulation (EU) No 454/2011 on the technical specification for interoperability relating to the subsystem ‘telematics applications for passenger services’, the technical document TAP TSI Technical Document B.30 attached to TAP TSI refers to the TAF TSI data catalogue. Therefore, for TAF TSI and TAP TSI there will share a unique RU/IM communication catalogue.

2. Schema taf_cat_complete.xsd

schema location: C:\Projects\TAF-TSI\taf_cat_complete.xsd
 attributeFormDefault: **unqualified**
 elementFormDefault: **qualified**
 targetNamespace: <http://www.era.europa.eu/schemes/TAFTSI/2.4>

Elements	Complex types	Simple types	Attributes
AcceptanceInterchangePoint	CargoCodeType	CauseCode	CI InstanceNumber
AcceptanceTimeAtInterchange	CompositIdentifierOperationalType	CommunicationRefID	
ActualEndDateTime	CompositIdentifierPlannedType	CompanyCode	
ActualETA	ConsignmentIdent	CountryIdentISO	
ActualETI	CustomerCode	DeltaTime	
AdditionalInstruction	DanGoodsType	DerailmentDetectionDevice	
Address	DimensionValue	EquipmentNumberType	
AdministrativeContactInformation	LocationIdent	EquipmentTypeType	
AffectedSection	TrainActivityType	ForwardingRestrictionType	
AgainstBooked	ValidityPeriod	FreeText	
AgainstReferenced		Name	
AgreedTimeOfDelivery		NHMCodeType	
AirBrake		Numeric1-5	
AirBrakedMass		Numeric1-6	

AlertMessage	Numeric2-2
AllocationCompany	Numeric3-3
ArrivalAtDestination	Numeric4-4
ArrivalInterchangeReport	Speed
ArrivalTimeAtDestination	String1-10
ArrivalTimeAtLocation	String1-14
ArrivalTimeAtLocationActual	String1-5
ArrivalTrackAtLocation	String1-7
AssociatedAttachedOTN	String1-8
AssociatedAttachedTrainID	String5-5
BogiePitch	String5-8
BookedLocationDateTime	Time
BrakeWeight	VolumeValue
BrakingRatio	WagonIdent
CauseDescription	WeightValueKilo
CauseType	WeightValueTonne
ChangeofTrackMessage	
CityTown	
ClosingTime	
Coasting	
Comments	
CommitmentETA	
Company	
ConsignmentNumber	
ConsignmentOrderMessage	
ContainerHandlingFlag	
ContractNumber	
ContractNumberMovement	
CoordinatingIM	
Core	
CountryCodeISO	
CreateDateTime	
Customer	
CustomerNumber	
Customers	
DangerousGoodsIndication	
DangerousGoodsIndicator	
DangerousGoodsVolume	
DangerousGoodsWeight	
Date	
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DatePutIntoService	
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[WagonData](#)
[WagonDeliveryNoticeMessage](#)
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[WagonInterchangeSubNoticeMessage](#)
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[WagonLocationStatus](#)
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[WagonPickupAtOrigin](#)
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element **AcceptanceInterchangePoint**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="AcceptanceTimeAtInterchange"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AcceptanceTimeAtInterchange**

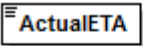
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	element AcceptanceInterchangePoint
annotation	documentation Departure Date and Time or the handover Date and Time at an interchange point where the responsibility has changed to another RU
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>

	<code></xs:element></code>
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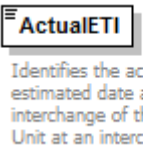
element **ActualEndDateTime**

diagram	 <p>Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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="ActualEndDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ActualETA**

diagram	 <p>Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	element AlertMessage
annotation	documentation Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
source	<pre><xs:element name="ActualETA" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element></pre>

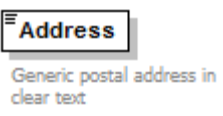
element ActualETI

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	element WagonDeviationMessage
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	<div><div><div>AdditionalInstruction</div><div>Additional instructions regarding the wagon or shipment in free text</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	FreeText									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Additional instructions regarding the wagon or shipment in free text									
source	<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>									

element Address

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	FreeText
properties	content simple

used by	element AdministrativeContactInformation		
facets	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/2.4
properties	content complex
children	Name Address eMail PhoneNumber FaxNumber FreeTextField
used by	elements Customers ErrorMessage LoadingFacility PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage
annotation	documentation Used to define administrative contact information
source	<pre><xs:element name="AdministrativeContactInformation"> <xs:annotation> <xs:documentation>Used to define administrative contact information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"/> <xs:element ref="Address" minOccurs="0"/> <xs:element ref="eMail" minOccurs="0"/> <xs:element ref="PhoneNumber" minOccurs="0"/></pre>

	<pre> <xs:element <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre>	<pre> ref="FaxNumber" ref="FreeTextField" </pre>	<pre> minOccurs="0"/> minOccurs="0"/> </pre>
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element **AffectedSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	StartOfSection EndOfSection OperationalTrainNumber PlannedCalendar NetworkSpecificParameter
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsRefusedMessage PathNotAvailableMessage ReceiptConfirmationMessage
annotation	documentation 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
source	<pre> <xs:element <xs:annotation> <xs:documentation>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</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element <xs:complexType> <xs:complexContent> <xs:extension <xs:sequence <xs:element <xs:element minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

</xs:element>
<xs:element name="EndOfSection">
  <xs:complexType>
    <xs:complexContent>
      <xs:extension base="LocationIdent">
        <xs:sequence minOccurs="0">
          <xs:element ref="BookedLocationDateTime" minOccurs="0"/>
          <xs:element name="BookedLocationTime" type="xs:time" minOccurs="0"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
</xs:element>
<xs:element ref="OperationalTrainNumber" minOccurs="0"/>
<xs:element ref="PlannedCalendar"/>
<xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>
</xs:element>

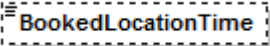
```

element AffectedSection/StartOfSection

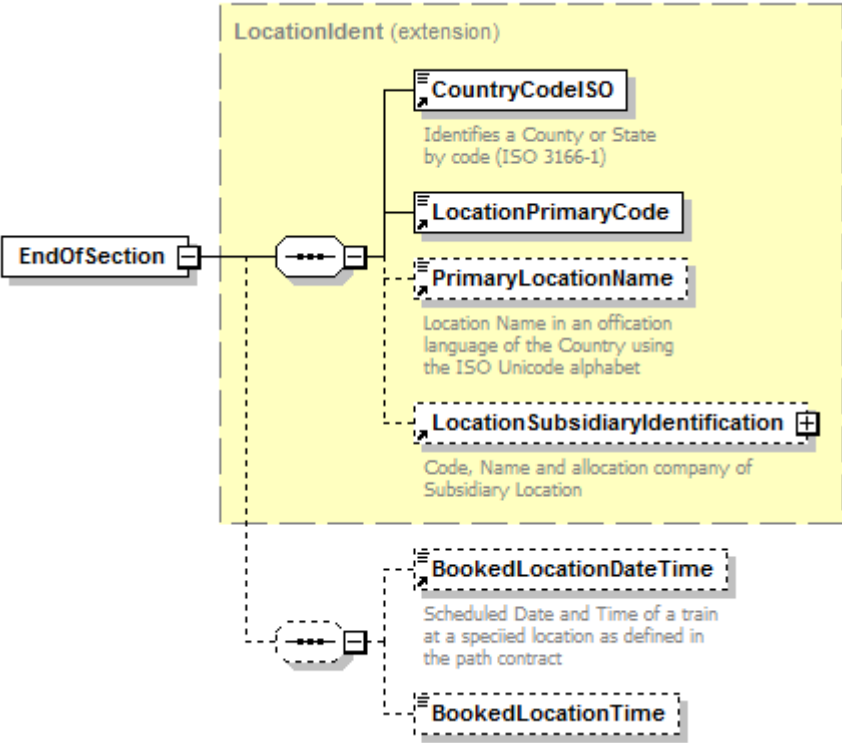
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime
source	<code><xs:element name="StartOfSection"></code>

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


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:time
properties	minOcc 0 maxOcc 1 content simple
source	<xs:element name="BookedLocationTime" type="xs:time" minOccurs="0"/>

element **AffectedSection/EndOfSection**

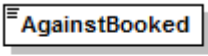
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	extension of LocationIdent

properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime
source	<pre> <xs:element name="EndOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element name="BookedLocationTime" type="xs:time" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **AffectedSection/EndOfSection/BookedLocationTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:time
properties	minOcc 0 maxOcc 1 content simple
source	<pre><xs:element name="BookedLocationTime" type="xs:time" minOccurs="0"/></pre>

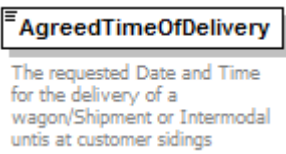
element **AgainstBooked**

diagram	 <p>Identifies the Delta delay time against the booked schedule in minutes</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	<div><div><div>AgainstReferenced</div><div>Delay compared to the referenced Date/Time</div></div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	DeltaTime						
properties	content simple						
used by	element TrainDelay						
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 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/2.4
type	xs:dateTime
properties	content simple
used by	elements ConsignmentOrderMessage/COMS/COM WIMO Dataset/ConsignmentLevelData
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	<p>NumberOfBrakes Number of air brakes</p> <p>BrakeSystem Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe</p> <p>AirBrakeType Classification of air brake, additional code: 8 No air brake or brake pipe The code is defined in UIC Leaflet 920-13.</p> <p>BrakingPowerVariationDevice Coding in 404-2, chapter 1.8</p> <p>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 tonnes)</p> <p>LoadChangeDevice 0..∞ Specific weights for change over air brake systems</p> <p>BrakeSpecialCharacteristics General brake characteristics. The values refer to UIC leaflet 920-13: 0 = Cast Iron Brake Blocks 1 = Disc Brake 2 = K-Brake Blocks 3 = Cast Iron Brake Blocks, single release brake 4 = Composite Brake Blocks, single release brake 5 = L-Brake Blocks 6 = LL-Brake Blocks 9 = Unknown or non-coded information</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	NumberOfBrakes BrakeSystem AirBrakeType BrakingPowerVariationDevice AirBrakedMass LoadChangeDevice BrakeSpecialCharacteristics
used by	element RollingStockDataset/DesignDataSet

annotation	documentation Characteristics of Air Brakes
source	<pre> <xs:element name="AirBrake"> <xs:annotation> <xs:documentation>Characteristics of Air Brakes</xs:documentation> </xs:annotation> <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" value="256"/> </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:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:complexType> </xs:element> <xs:element ref="BrakeSpecialCharacteristics"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **AirBrake/NumberOfBrakes**

diagram	<div><div><div>☰</div><div>NumberOfBrakes</div></div><div>Number of air brakes</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	Numeric2-2									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>01</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Number of air brakes									
source	<pre><xs:element name="NumberOfBrakes" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of air brakes</xs:documentation> </xs:annotation> </xs:element></pre>									

element **AirBrake/BrakeSystem**

diagram	<div><div><div>Brake System</div><div>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</div></div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	restriction of xs:string						
properties	<div><div>minOcc</div><div>0</div><div>maxOcc</div><div>1</div><div>content</div><div>simple</div></div>						
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>maxLength</td><td>256</td><td></td></tr></tbody></table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	<div>documentation</div> <div>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</div>						
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> </xs:annotation> <xs:simpleType></pre>						

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

element **AirBrake/LoadChangeDevice**

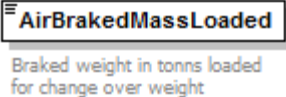
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 0 maxOcc unbounded content complex
children	ChangeOverWeight AirBrakedMassLoaded
annotation	documentation Specific weights for change over air brake systems
source	<pre> <xs:element name="LoadChangeDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specific weights for change over air brake systems</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tonns variation device</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tonns loaded for change over weight</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AirBrake/LoadChangeDevice/ChangeOverWeight**

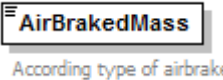
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4

type	Numeric3-3		
properties	content	simple	
facets	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			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	Numeric3-3		
properties	content	simple	
facets	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			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:integer		
properties	content	simple	
used by	element	AirBrake	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	999	
annotation	documentation According type of airbrake		
source	<pre><xs:element name="AirBrakedMass"></pre>		

	<pre> <xs:annotation> <xs:documentation>According type of airbrake</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>
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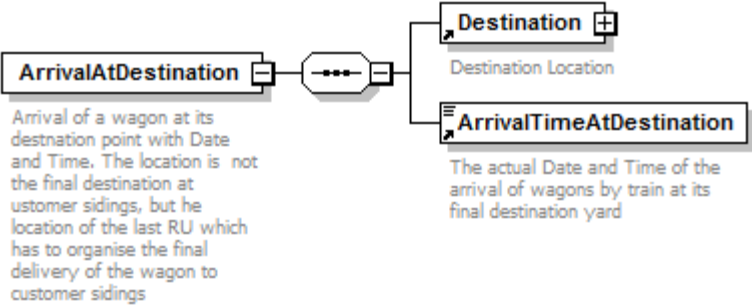
element **AlertMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	<div><div><div><div><div></div><div>AllocationCompany</div></div></div><div><div></div><div>Name of company who is responsible for allocation and maintenance of codes</div></div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	CompanyCode									
properties	content simple									
used by	elements LocationSubsidiaryIdentification LocationSubsidiaryInformation									
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 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 **ArrivalAtDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Destination ArrivalTimeAtDestination
used by	element WagonArrivalNoticeMessage
annotation	documentation Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but the location of the last RU which has to organise the final delivery of the wagon to customer sidings
source	<pre><xs:element name="ArrivalAtDestination"> <xs:annotation> <xs:documentation>Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but the location of the last RU which has to organise the final delivery of the wagon to customer sidings</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre>

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

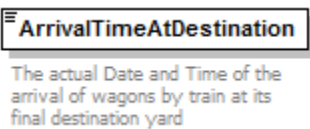
element **ArrivalInterchangeReport**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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:element ref="TrainID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

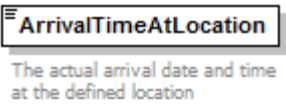
element **ArrivalInterchangeReport/Source**

diagram	<div><div><div>Source</div></div><div>Source of information</div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
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>												

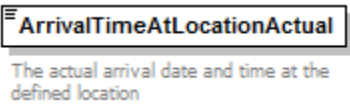
element **ArrivalTimeAtDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	 <p>The actual arrival date and time at the defined location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	 <p>The actual arrival date and time at the defined location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	element YardArrival
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	<p>ArrivalTrackAtLocation Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</p> <p>LocationIdent</p> <ul style="list-style-type: none"> 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/2.4
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 **AssociatedAttachedOTN**

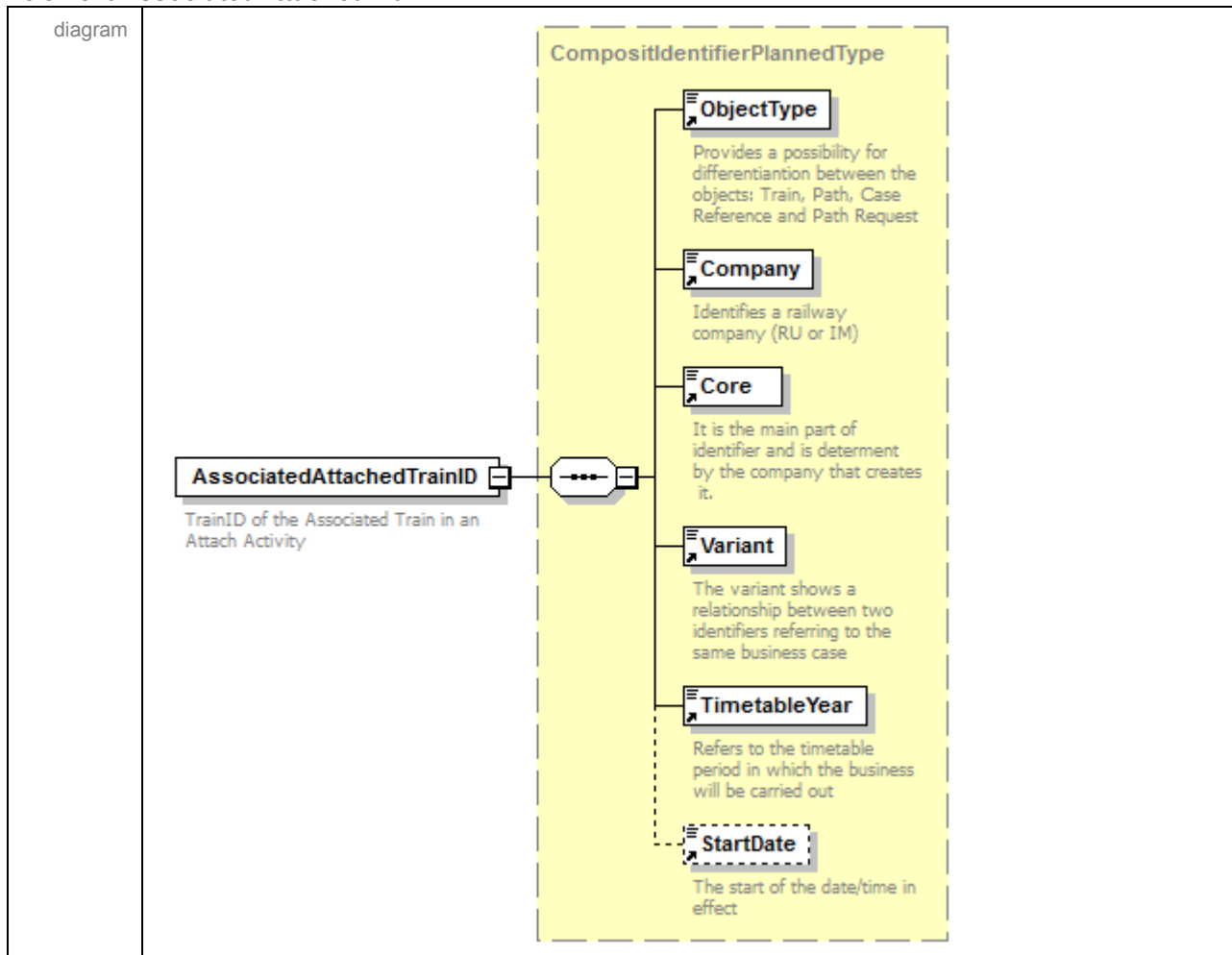
diagram	<div><div><div>AssociatedAttachedOTN</div></div><div>Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	String1-8									
properties	content simple									
used by	complexType TrainActivityType									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>8</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
annotation	<div>documentation</div> <div>Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.</div>									
source	<pre><xs:element name="AssociatedAttachedOTN" type="String1-8"> <xs:annotation></pre>									

```

<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>


```

element **AssociatedAttachedTrainID**

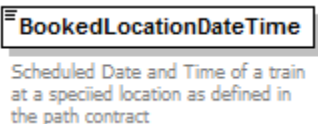


namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	complexType TrainActivityType
annotation	documentation TrainID of the Associated Train in an Attach Activity
source	<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 **BogiePitch**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><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 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>									

element **BookedLocationDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	elements ChangeofTrackMessage AffectedSection/EndOfSection JourneySection/JourneySectionDestination JourneySection/JourneySectionOrigin LocationModified AffectedSection/StartOfSection TimingAtLocation/Timing TrainAtLocation TrainLocationReport
annotation	documentation Scheduled Date and Time of a train at a specied location as defined in the path contract
source	<pre> <xs:element name="BookedLocationDateTime" type="xs:dateTime"> <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> </pre>

element **BrakeWeight**

diagram	<div><div><div>BrakeWeight</div></div><div>Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:int									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData WagonOperationalData									
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>99999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99999									
annotation	documentation Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes									
source	<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 **BrakingRatio**

diagram	<div><div>BrakingRatio</div><div>Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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. Expressed as an integer value (no percent sign should be added).									
source	<pre><xs:element name="BrakingRatio"> <xs:annotation> <xs:documentation>Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"></pre>									

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

element CauseDescription

diagram	<div><div><div>CauseDescription</div><div>Describes the cause of sending message</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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	<div>documentation</div> <div>Describes the cause of sending message</div>									
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	<div><div><div>CauseType</div></div><div>Indicates the cause of a damage or refusal of a wagon or train</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	CauseCode									
properties	content simple									
used by	element WagonRefusedAtInterchangeMessage									
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	<div>documentation</div> <div>Indicates the cause of a damage or refusal of a wagon or train</div>									
source	<pre><xs:element name="CauseType" type="CauseCode"> <xs:annotation> <xs:documentation>Indicates the cause of a damage or refusal of a wagon or train</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ChangeofTrackMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	<code><xs:element name="ChangeofTrackMessage"></code>

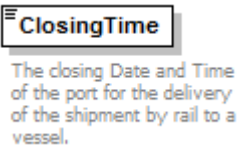
	<pre> <xs:annotation> <xs:documentation> This message is issued to show that the train is arriving at another platform to the one that was scheduled</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion</xs:documentation> </xs:annotation> </xs:sequence> <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 CityTown

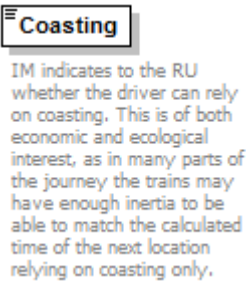
diagram	<div><div><div>CityTown</div><div>Name of the City or Town in Clear Text</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</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	<xs:element <div>name="CityTown"></div>									

	<pre> <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/2.4
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 **Coasting**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	documentation IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only.

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


element Comments

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	FreeText									
properties	content simple									
used by	elements LocationPrimaryInformation LocationSubsidiaryInformation									
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>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
source	<xs:element name="Comments" type="FreeText"/>									


element CommitmentETA

diagram	 <p>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.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	element AlertMessage
annotation	documentation Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.
source	<pre> <xs:element name="CommitmentETA" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element> </pre>

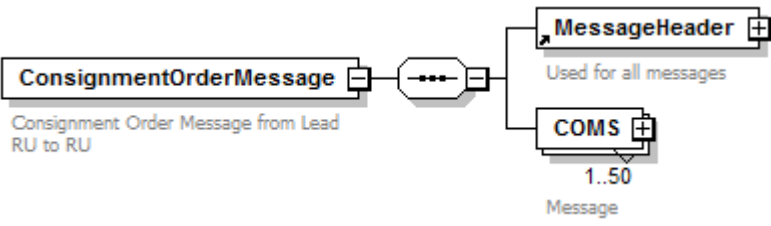
element Company

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	CompanyCode		
properties	content	simple	
used by	complexType	CompositIdentifierOperationalType CompositIdentifierPlannedType	
facets	Kind	Value	Annotation
	minInclusive	0001	
	maxInclusive	9999	
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 ConsignmentNumber

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	ConsignmentIdent
properties	content complex
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation Reference number assigned to a consignment by a lead RU
source	<pre><xs:element name="ConsignmentNumber" type="ConsignmentIdent"> <xs:annotation> <xs:documentation>Reference number assigned to a consignment by a lead RU</xs:documentation> </xs:annotation> </xs:element></pre>

element ConsignmentOrderMessage

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		

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

<p>'CUV'</p> <p>in basic to the CIM consignment note.</p> <p>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.</p> <p>COM</p> <p>3]\d{8}"/></p> <p>be set to 0.</p>	<pre> </xs:element> <xs:element name="ShipmentType" minOccurs="0"> <xs:annotation> <xs:documentation>Classification of the wagon order as or 'CIM'.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>Regular transport, according in basic to the CIM consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CUV"> <xs:annotation> <xs:documentation>Transport of empty wagons. If loaded and empty wagons are withing the same shipment, then the ShipmentType has to be set to CIM. For the empty wagons the loading status has to be set in the WagonDetails.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> <xs: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:pattern value=".*[+-]\d{2}:\d{2}"/> </xs:restriction> </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> </pre>
--	--

```

</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="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"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
            <xs:element ref="PreviousResponsibleRU"
minOccurs="0">

```

	<pre> <xs:annotation> <xs:documentation>This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point</xs:documentation> </xs:annotation> </xs:element> <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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ResponsibleRU"/> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. 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 ref="LoadingFacility" minOccurs="0"/> </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="ProductionStation" minOccurs="0"/> <xs:element ref="NextResponsibleRU" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>
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```

<xs:element ref="LoadingFacility" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="Customers" maxOccurs="2"/>
<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 name="ConsignorDeclarationsCode"
type="xs:string">
        <xs:annotation>
          <xs:documentation>Coded consignor
declaration</xs:documentation>
        </xs:annotation>
      </xs:element>
      <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="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="500"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </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: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: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 name="Code">
      <xs:annotation>
        <xs:documentation>Commercial specifications
code</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element>
      <xs:simpleType>
        <xs:restriction base="xs:token"/>
      </xs:simpleType>
    </xs:element>
    <xs:element name="SpecificationText" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Additional Text for codes with
free text</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="350"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="ContractNumber"/>
<xs:element ref="Routing" minOccurs="0"/>
<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="350"/>
	</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 name="RU_DeclarationCode">
		<xs:annotation>
		<xs:documentation>Carrier declaration
code.		</xs:documentation>
		</xs:annotation>
		<xs:simpleType>
		<xs:restriction base="xs:string">
		<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>		
		</xs:annotation>
		</xs:enumeration>

	<p> <code><xs:enumeration value="6"></code> <code><xs:annotation></code> <code><xs:documentation></code>Loaded by the carrier in inclement weather at the request of the consignor <code></xs:documentation></code> <code></xs:annotation></code> <code></xs:enumeration></code> <code><xs:enumeration value="7"></code> <code><xs:annotation></code> <code><xs:documentation></code>Unloaded by the consignee<code></xs:documentation></code> <code></xs:annotation></code> <code></xs:enumeration></code> <code><xs:enumeration value="8"></code> <code><xs:annotation></code> <code><xs:documentation></code>Unloaded by the carrier in ...<code></xs:documentation></code> <code></xs:annotation></code> <code></xs:enumeration></code> <code><xs:enumeration value="9.1"></code> <code><xs:annotation></code> <code><xs:documentation></code>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 <code></xs:documentation></code> <code></xs:annotation></code> <code></xs:enumeration></code> <code><xs:enumeration value="9.2"></code> <code><xs:annotation></code> <code><xs:documentation></code>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 <code></xs:documentation></code> <code></xs:annotation></code> <code></xs:enumeration></code> <code><xs:enumeration value="9.3"></code> <code><xs:annotation></code> <code><xs:documentation></code>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 <code></xs:documentation></code> <code></xs:annotation></code> <code></xs:enumeration></code> <code><xs:enumeration value="10"></code> <code><xs:annotation></code> <code><xs:documentation></code>Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor<code></xs:documentation></code> <code></xs:annotation></code> <code></xs:enumeration></code> <code><xs:enumeration value="11"></code> <code><xs:annotation></code> <code><xs:documentation></code>Examination not made because of a shortage of resources: ... (give details)<code></xs:documentation></code> <code></xs:annotation></code> <code></xs:enumeration></code> <code><xs:enumeration value="12"></code> <code><xs:annotation></code> </p>
--	---

...	<pre> <xs:documentation>Other reserves: (give details)</xs:documentation> </xs:annotation> </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> <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:pattern value=". *00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Wagons" maxOccurs="99"> <xs:annotation> <xs:documentation>Contains list of transported Goods, Wagons and ITU etc.</xs:documentation> </pre>
-----	--

```

        </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="xs:string">
                    <xs:length value="12"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="ReferenceOriginalCN" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Reference to the original consignment
note between lead RU/contractual carrier and consignor</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="150"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element ref="AgreedTimeOfDelivery" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **ConsignmentOrderMessage/COMS**

diagram	<pre> sequenceDiagram participant COMS as COMS 1..50 Message participant CH as COM_Header participant COM as COM Consignment order message COMS --> CH CH --> COM </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 1 maxOcc 50 content complex
children	COM Header COM
annotation	documentation Message

source	<pre> <xs:element name="COMS" maxOccurs="50"> <xs:annotation> <xs:documentation>Message</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: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" minOccurs="0"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV' or 'CIM'.</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:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--------	---

```

        </xs:enumeration>
        <xs:enumeration value="CUV">
            <xs:annotation>
                <xs:documentation>Transport of empty wagons. If loaded
and empty wagons are withing the same shipment, then the ShipmentType has to
be set to CIM. For the empty wagons the loading status has to be set in the
WagonDetails.</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs: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:pattern value=".*[+-]\d{2}:\d{2}"/>
        </xs:restriction>
    </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="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"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
            <xs:element ref="PreviousResponsibleRU" minOccurs="0">
              <xs:annotation>
                <xs:documentation>This element identifies the RU, which
was responsible for the train operation on the journey section before an
interchange point</xs:documentation>
              </xs:annotation>
            </xs:element>
            <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:pattern value=".*00:00[+-]\d{2}:\d{2}"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element ref="ResponsibleRU"/>

```

```

<xs:element name="COM_ConsignmentNumber">
  <xs:annotation>
    <xs:documentation>Running number and check digit of the
consignment between Lead RU and Responsible RU. 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 ref="LoadingFacility" minOccurs="0"/>
</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="ProductionStation" minOccurs="0"/>
      <xs:element ref="NextResponsibleRU" minOccurs="0"/>
      <xs:element ref="LoadingFacility" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="Customers" maxOccurs="2"/>
<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 name="ConsignorDeclarationsCode"
type="xs:string">
        <xs:annotation>
          <xs:documentation>Coded consignor
declaration</xs:documentation>

```

```

        </xs:annotation>
        </xs:element>
        <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="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="500"/>
                        <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: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: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 name="Code">
        <xs:annotation>
          <xs:documentation>Commercial specifications
code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:token"/>
        </xs:simpleType>
      </xs:element>
      <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="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:restriction>
        </xs:simpleType>
        </xs:element>
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element ref="ContractNumber"/>
        <xs:element ref="Routing" minOccurs="0"/>
        <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="350"/>
    </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 name="RU_DeclarationCode">
              <xs:annotation>
                <xs:documentation>Carrier declaration code.
</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <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:

```


	<pre> ... (give </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Goods clearly in poor condition: ... (give </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> </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> </pre>
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	<pre> </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> <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> <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> </pre>
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	<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> <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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Wagons" 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="xs:string"> <xs:length value="12"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ReferenceOriginalCN" minOccurs="0"> <xs:annotation> <xs:documentation>Reference to the original consignment note between lead RU/contractual carrier and consignor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="150"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AgreedTimeOfDelivery" minOccurs="0"/> </xs:sequence> </pre>
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	<pre> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>
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element **ConsignmentOrderMessage/COMS/COM_Header**

diagram	<p>SendingRU Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</p> <p>ReceivingRU Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</p> <p>MessageReferenceNumber Message Reference Number This identification is being generated during creation of the message. This allows the tracing of the message.</p> <p>ShipmentType Classification of the wagon order as 'CUV' or 'CIM'.</p> <p>ConsignmentOrderType Preliminary list of messages, by now restricted on different types of consignment orders. CIM: none. ORU: original consignment order message from origin location ORX: update for consignment order from origin location ORD: deletion for consignment order from origin location TRU : original transit consignment order TRX: update for transit consignment order TRD: deletion of transit consignment order DRU : original consignment order to destination location DRX: update for consignment order to destination location DRD: deletion of consignment order to destination location</p> <p>COM_Header Additional Header containing consignment related key data such as dossier number, version number and a change log for modifications</p> <p>COM_PreparationDatetime Date and Time of preparation of the COM</p> <p>DossierNumber Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRRYYYMMDDNNNNNN N Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNN = running number.</p> <p>VersionNumber Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</p> <p>ChangeLog 0..100 Log of changes made by the LeadRU / contractual carrier during the transport.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex

children	SendingRU ReceivingRU MessageReferenceNumber ShipmentType ConsignmentOrderType COM PreparationDatetime DossierNumber VersionNumber ChangeLog
annotation	documentation Additional Header containing consignment related key data such as dossier number, 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 dossier number, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs: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" minOccurs="0"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV' or 'CIM'.</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:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

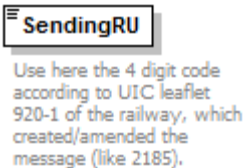
```

        <xs:enumeration value="CUV">
          <xs:annotation>
            <xs:documentation>Transport of empty wagons. If loaded and
empty wagons are withing the same shipment, then the ShipmentType has to be
set to CIM. For the empty wagons the loading status has to be set in the
WagonDetails.</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs: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:pattern value=".*[+-]\d{2}:\d{2}"/>
      </xs:restriction>
    </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="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">

```

	<pre> <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> </pre>
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element **ConsignmentOrderMessage/COMS/COM_Header/SendingRU**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	CompanyCode									
properties	content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></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 Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).									
source	<pre><xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920- 1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element></pre>									

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

diagram	<div><div><div>ReceivingRU</div></div><p>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	CompanyCode									
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	<p>documentation</p> <p>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).</p>									
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	<div><div><div>MessageReferenceNumber</div><div>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>18</td><td>documentation Use here a counter, any system.</td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	18	documentation Use here a counter, any system.
Kind	Value	Annotation								
minLength	1									
maxLength	18	documentation Use here a counter, any system.								
annotation	<div>documentation Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</div>									
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</pre>									

	<pre> system.</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM_Header/ShipmentType**

diagram	<div><div><div>ShipmentType</div><div>Classification of the wagon order as 'CUV' or 'CIM'.</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:token									
properties	<div>minOcc0</div> <div>maxOcc1</div> <div>contentsimple</div>									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>CIM</td><td>documentation Regular transport, according in basic to the CIM consignment note.</td></tr><tr><td>enumeration</td><td>CUV</td><td>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.</td></tr></table>	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.
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.								
annotation	<div>documentation</div> <div>Classification of the wagon order as 'CUV' or 'CIM'.</div>									
source	<pre><xs:element name="ShipmentType" minOccurs="0"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV' or 'CIM'.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>Regular transport, according in basic to the CIM consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CUV"> <xs:annotation> <xs:documentation>Transport of empty wagons. If loaded and empty wagons are withing the same shipment, then the ShipmentType has to be set to CIM. For the empty wagons the loading status has to be set in the WagonDetails.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>									

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

diagram	<div><div>COM_PreparationDatetime</div><div>Date and Time of preparation of the COM</div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	restriction of xs:dateTime						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>.*[+]\d{2}:\d{2}</td><td></td></tr></table>	Kind	Value	Annotation	pattern	.*[+]\d{2}:\d{2}	
Kind	Value	Annotation					
pattern	.*[+]\d{2}:\d{2}						
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" value=".*[+]\d{2}:\d{2}" /> </xs:simpleType> </xs:element></pre>						

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

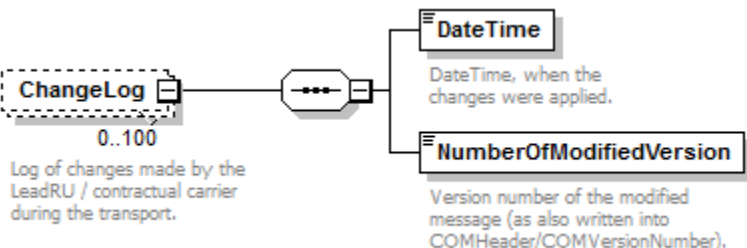
diagram	<div><div><div>DossierNumber</div></div><div>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYMMDDNNNNNN N Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:string
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>
facets	<div><div>Kind</div><div>Value</div><div>Annotation</div></div> <div><div>length</div><div>19</div></div> <div><div>pattern</div><div>\d{4}20\d{2}[0-1][0-9][0-3]\d{8}</div></div>
annotation	<div>documentation</div> <div>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.</div>
source	<div><xs:element name="DossierNumber" minOccurs="0"></div> <div><xs:annotation></div> <div><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></div> <div></xs:annotation></div> <div></xs:element></div>

	<pre> </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> </pre>
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element ConsignmentOrderMessage/COMS/COM_Header/VersionNumber


diagram	<div><div><div>VersionNumber</div></div><p>Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:int									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>100</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	100									
annotation	documentation Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.									
source	<pre><xs:element name="VersionNumber"> <xs:annotation> <xs:documentation>Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int" value="0"/> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element ConsignmentOrderMessage/COMS/COM_Header/ChangeLog

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="NumberOfModifiedVersion"> <xs:annotation> <xs:documentation>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element ConsignmentOrderMessage/COMS/COM_Header/ChangeLog/DateTime

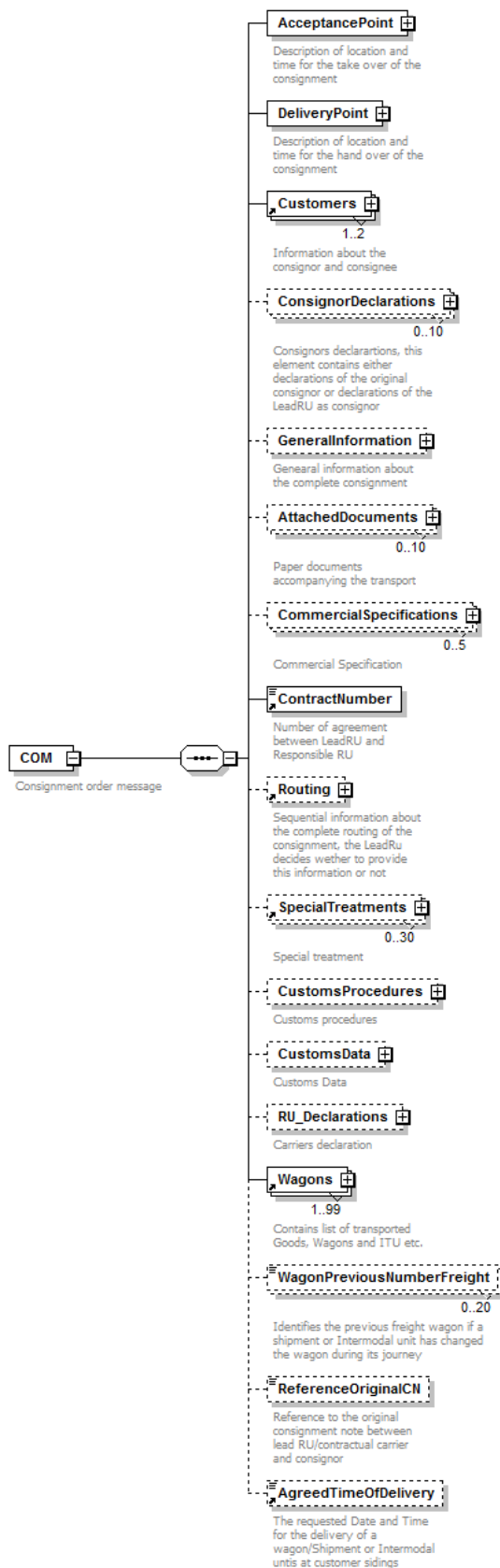
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:dateTime
properties	content simple
annotation	documentation DateTime, when the changes were applied.
source	<pre> <xs:element name="DateTime"> <xs:annotation> <xs:documentation>DateTime, when the changes were applied.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </pre>

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

diagram	<div><div>NumberOfModifiedVersion</div><div>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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/2.4>

properties content complex

children	AcceptancePoint DeliveryPoint Customers ConsignorDeclarations GeneralInformation AttachedDocuments CommercialSpecifications ContractNumber Routing SpecialTreatments CustomsProcedures CustomsData RU Declarations Wagons WagonPreviousNumberFreight ReferenceOriginalCN 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="ProductionStation" minOccurs="0"/> <xs:element ref="PreviousResponsibleRU" minOccurs="0"> <xs:annotation> <xs:documentation>This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point</xs:documentation> </xs:annotation> </xs:element> <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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ResponsibleRU"/> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. 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> </pre>

	<pre> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="LoadingFacility" minOccurs="0"/> </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="ProductionStation" minOccurs="0"/> <xs:element ref="NextResponsibleRU" minOccurs="0"/> <xs:element ref="LoadingFacility" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Customers" maxOccurs="2"/> <xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Consignors declarartions, this element contains as either declarations of the original consignor or declarations of the LeadRU consignor</xs:documentation> </xs:annotation> </xs:complexType> <xs:sequence> <xs:element name="ConsignorDeclarationsCode" type="xs:string"> <xs:annotation> <xs:documentation>Coded consignor declaration</xs:documentation> </xs:annotation> </xs:element> <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"/> </pre>
--	--

```

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consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
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        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
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  <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: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>

```

```

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            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </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 name="Code">
        <xs:annotation>
          <xs:documentation>Commercial specifications
code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:token"/>
        </xs:simpleType>
      </xs:element>
      <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="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="ContractNumber"/>
<xs:element ref="Routing" minOccurs="0"/>
<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:complexType>
</xs:element>
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  <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="350"/>
          </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 name="RU_DeclarationCode">
      <xs:annotation>
        <xs:documentation>Carrier declaration code.
</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <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>

```

	<pre> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Loaded by the consignor</xs:documentation> </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 </pre>
--	---

	<pre> 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> <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> <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:element> <xs:simpleType> <xs:restriction base="xs:dateTime"> <xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Wagons" maxOccurs="99"> <xs:annotation> <xs:documentation>Contains list of transported Goods, Wagons and </pre>
--	--

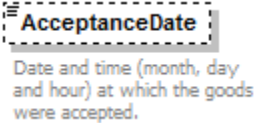
	<pre> ITU etc.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="12"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ReferenceOriginalCN" minOccurs="0"> <xs:annotation> <xs:documentation>Reference to the original consignment note between lead RU/contractual carrier and consignor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="150"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AgreedTimeOfDelivery" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

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

diagram	<p>AcceptancePoint Description of location and time for the take over of the consignment</p> <p>Station Details of station serving the point</p> <p>ProductionStation Details of production station serving the point, this element is used if the productional station differs from the commercial station</p> <p>PreviousResponsibleRU This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point</p> <p>AcceptanceDate Date and time (month, day and hour) at which the goods were accepted.</p> <p>ResponsibleRU RU Responsible for the physical operation of the train or wagon</p> <p>COM_ConsignmentNumber Running number and check digit of the consignment between Lead RU and Responsible RU. Format: NNNNNC The number consists of NNNNN = running number C = check digit,</p> <p>ForwardingTrainNumber Train number at shipping</p> <p>LoadingFacility Identifies the loading facility (in case of message type = ORU)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Station ProductionStation PreviousResponsibleRU AcceptanceDate ResponsibleRU COM_ConsignmentNumber ForwardingTrainNumber LoadingFacility
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="ProductionStation" minOccurs="0"/> <xs:element ref="PreviousResponsibleRU" minOccurs="0"/> <xs:annotation> </pre>

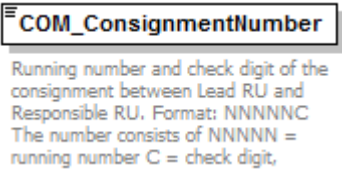
	<pre> <xs:documentation>This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Date and time (month, day and hour) at which the goods were accepted.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"> <xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ResponsibleRU"/> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. 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 ref="LoadingFacility" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

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

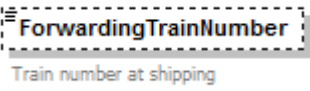
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:dateTime
properties	minOcc 0

	maxOcc 1 content simple
facets	Kind Value Annotation pattern .*00:00[+-]\d{2}:\d{2}
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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element ConsignmentOrderMessage/COMS/COM/AcceptancePoint/COM_ConsignmentNumber

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 Responsible RU. Format: NNNNNC The number consists of NNNNN = running number C = check digit.
source	<pre> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. 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	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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" value="1"/> value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Station ProductionStation NextResponsibleRU LoadingFacility
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 consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre>

	<pre> <xs:element <xs:element <xs:element <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre>	<pre> ref="ProductionStation" ref="NextResponsibleRU" ref="LoadingFacility" </pre>	<pre> ref="Station"/> minOccurs="0"/> minOccurs="0"/> minOccurs="0"/> </pre>
--	---	--	--

element ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations

diagram	<p>Consignors declarations, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 0 maxOcc 10 content complex
children	ConsignorDeclarationsCode 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 name="ConsignorDeclarationsCode" type="xs:string"> <xs:annotation> <xs:documentation>Coded consignor declaration</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations/ConsignorDeclarationsCode

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:string
properties	content simple

annotation	documentation Coded consignor declaration
source	<pre> <xs:element name="ConsignorDeclarationsCode" type="xs:string"> <xs:annotation> <xs:documentation>Coded consignor declaration</xs:documentation> </xs:annotation> </xs:element> </pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 0 maxOcc 1 content complex
children	ConsignorReference 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="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="500"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:minLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> value="1"/> </pre>
--	--

element ConsignmentOrderMessage/COMS/COM/GeneralInformation/ConsignorReference

diagram	<div><div><div>ConsignorReference</div><div>Consignor's reference concerning the complete consignment</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	<div>minOcc0</div> <div>maxOcc1</div> <div>contentsimple</div>									
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	<div>documentation</div> <div>Consignor's reference concerning the complete consignment</div>									
source	<pre><xs:element name="ConsignorReference" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor's reference concerning the complete consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element ConsignmentOrderMessage/COMS/COM/GeneralInformation/WagonGroupInfo

diagram	<div><div><div><div><div></div><div></div><div></div></div><div><div><div></div></div></div><div><div><div></div></div></div></div><div>WagonGroupInfo</div></div><div>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>									
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>500</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	500	
Kind	Value	Annotation								
minLength	1									
maxLength	500									

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" value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element ConsignmentOrderMessage/COMS/COM/AttachedDocuments

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 0 maxOcc 10 content complex
children	DocumentType DocumentInformation Quantity DocumentTypeDescription
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"> <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> </pre>

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

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

diagram	<div><div><div>DocumentType</div><div>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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	<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> </pre>
--	---

element ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentInformation

diagram	<div><div>DocumentInformation</div><div>Additional information regarding the attached document may be entered here.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	<div>minOcc0</div> <div>maxOcc1</div> <div>contentsimple</div>									
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	<div>documentation</div> <div>Additional information regarding the attached document may be entered here.</div>									
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	<div><div><div>DocumentTypeDescription</div><div>Description of document type, when it is not in the UN/EDIFACT 1001 list included.</div></div></div>			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4			
type	restriction of xs:string			
properties	<div><div>minOcc</div><div>0</div><div>maxOcc</div><div>1</div><div>content</div><div>simple</div></div>			
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></table>	Kind	Value	Annotation
Kind	Value	Annotation		

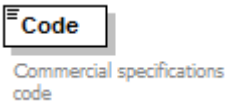
	minLength 1 maxLength 35
annotation	documentation Description of document type, when it is not in the UN/EDIFACT 1001 list included.
source	<pre> <xs:element name="DocumentTypeDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Description of document type, when it is not in the UN/EDIFACT 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/CommercialSpecifications**

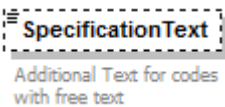
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 0 maxOcc 5 content complex
children	Code SpecificationText
annotation	documentation Commercial Specification
source	<pre> <xs:element name="CommercialSpecifications" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Commercial Specification</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Code"> <xs:annotation> <xs:documentation>Commercial specifications code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"/> </xs:simpleType> </xs:element> <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"> </pre>

	<pre> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> value="1"/> value="350"/> </pre>
--	--

element ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/Code

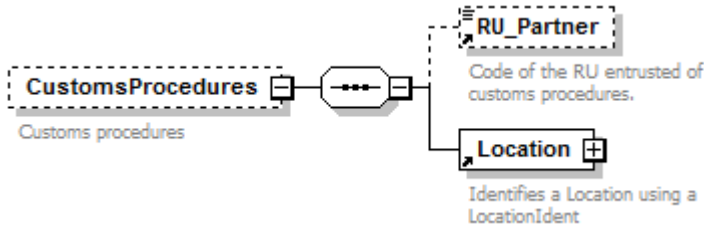
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:token
properties	content simple
annotation	documentation Commercial specifications code
source	<pre> <xs:element <xs:annotation> <xs:documentation>Commercial specifications code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction </xs:simpleType> </xs:element> name="Code"> base="xs:token"/> </pre>

element ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/SpecificationText

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional Text for codes with free text
source	<pre> <xs:element <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction </xs:simpleType> </xs:element> name="SpecificationText" minOccurs="0"> base="xs:string"> value="1"/> value="350"/> </pre>

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

element ConsignmentOrderMessage/COMS/COM/CustomsProcedures

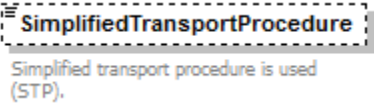
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 0 maxOcc 1 content complex
children	RU Partner Location
annotation	documentation Customs procedures
source	<pre><xs:element name="CustomsProcedures" minOccurs="0"> <xs:annotation> <xs:documentation>Customs procedures</xs:documentation> </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/2.4
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 </pre>

	consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006). <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:sequence> </xs:complexType> </xs:element> </pre>
--	---

element ConsignmentOrderMessage/COMS/COM/CustomsData/SimplifiedTransportProcedure

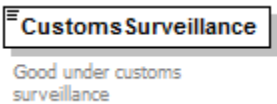
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Simplified transport procedure is used (STP).
source	<pre> <xs:element name="SimplifiedTransportProcedure" minOccurs="0"> <xs:annotation> <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/2.4
type	CompanyCode
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0001 maxInclusive 9999
annotation	documentation Code for the principal RU
source	<pre> <xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"> <xs:annotation> </pre>

	<pre> <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/2.4
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	<div><div><div>CustomsEndorsements</div><div>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>350</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	<div>documentation</div> <div>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).</div>									
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="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									


```
</xs:simpleType>
</xs:element>
```

element ConsignmentOrderMessage/COMS/COM/RU_Declarations

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 name="RU_DeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <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:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

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

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

	<pre> </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 </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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </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/2.4
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"> </pre>

```

<xs:documentation>Code of carrier, who added the
declaration.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="RU_DeclarationCode">
  <xs:annotation>
    <xs:documentation>Carrier declaration code. </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <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>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="6">
        <xs:annotation>

```

	<p> at the request of the consignor </p> <p> ... </p> <p> consignee </p> <p> ... </p> <p> consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of inclement weather </p> <p> consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of sealing of the wagon or ITU </p> <p> consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of load in the wagon or ITU inaccessible </p> <p> CIM Article 11 section 3 presented late by the consignor </p> <p> of resources: ... (give details) </p> <p> details) </p> <p> Other reserves: ... (give details) </p>
--	---

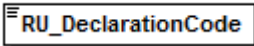
	<pre> <xs:documentation>Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

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

diagram	<div><div><div>DeclaringRU</div><div>Code of carrier, who added the declaration.</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	CompanyCode									
properties	content simple									
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 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/RU_Declaration/RU_DeclarationCode

diagram	 <p>Carrier declaration code.</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:string		
properties	content simple		
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

	<p>enumeration 4.4 Goods wet: ... (give details) documentation</p> <p>enumeration 5 Goods frozen: ... (give details) documentation</p> <p>enumeration 6 Loaded by the consignor documentation</p> <p>enumeration 7 Loaded by the carrier in inclement weather at the request of the consignor documentation</p> <p>enumeration 8 Unloaded by the consignee documentation</p> <p>enumeration 9.1 Unloaded by the carrier in ... documentation</p> <p>enumeration 9.2 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 documentation</p> <p>enumeration 9.3 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 documentation</p> <p>enumeration 10 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 documentation</p> <p>enumeration 11 Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor documentation</p> <p>enumeration 12 Examination not made because of a shortage of resources: ... (give details) documentation</p> <p>enumeration 13 Other reserves: ... (give details) documentation</p> <p>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.</p>
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:string"> <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:restriction> </xs:simpleType> </xs:element> </pre>


```

</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>
  </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>

```

	<pre> <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> <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 **ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> </pre>

	<pre> </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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

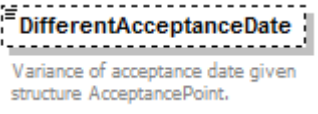
element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint

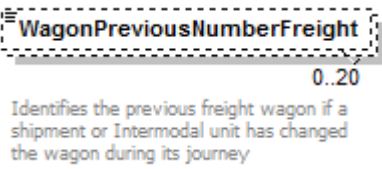
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	<u>LocationIdent</u>
properties	minOcc 0 maxOcc 1 content complex
children	<u>CountryCodeISO</u> <u>LocationPrimaryCode</u> <u>PrimaryLocationName</u> <u>LocationSubsidiaryIdentification</u>
annotation	documentation Variance of acceptance 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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern .*00:00[+-]\d{2}:\d{2}
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:pattern value=".*00:00[+-]\d{2}:\d{2}" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

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


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 20 content simple
facets	Kind Value Annotation length 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> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="12" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

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

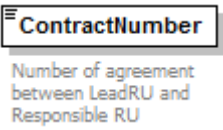
element **ConsignmentOrderMessage/COMS/COM/ReferenceOriginalCN**

diagram	<div><div><div>ReferenceOriginalCN</div><div>Reference to the original consignment note between lead RU/contractual carrier and consignor</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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>150</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	150	
Kind	Value	Annotation								
minLength	1									
maxLength	150									
annotation	documentation Reference to the original consignment note between lead RU/contractual carrier and consignor									
source	<pre><xs:element name="ReferenceOriginalCN" minOccurs="0"> <xs:annotation> <xs:documentation>Reference to the original consignment note between lead RU/contractual carrier and consignor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="150"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

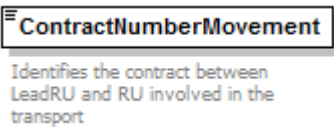
element **ContainerHandlingFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:string		
properties	content	simple	
used by	elements	ConsignmentOrderMessage/COMS/COM WIMO Dataset/ConsignmentLevelData	
facets	Kind	Value	Annotation
	minLength	1	documentation
	maxLength	6	has to be sent as n6 (with leading zeros if necessary)
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			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	FreeText		
properties	content	simple	
facets	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> </pre>		

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

element **CoordinatingIM**

diagram	<div><div><div>CoordinatingIM</div></div><p>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.</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	CompanyCode									
properties	content simple									
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage									
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	<p>documentation</p> <p>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.</p>									
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 **Core**

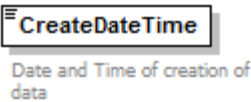
diagram	<div><div><div>Core</div></div><p>It is the main part of identifier and is determined by the company that creates it.</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	content simple									
used by	complexTypees CompositIdentifierOperationalType CompositIdentifierPlannedType									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>12</td><td></td></tr><tr><td>maxLength</td><td>12</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	12		maxLength	12	
Kind	Value	Annotation								
minLength	12									
maxLength	12									

	whiteSpace replace pattern <code>[\\-*0-9A-Z]{12}</code>
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	<div><div><div>CountryCodeISO</div></div><div>Identifies a County or State by code (ISO 3166-1)</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	extension of CountryIdentISO									
properties	content complex									
used by	<div>elements RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber RollingRoadUnit/RollingRoadUnitDetails/Haulier LocationFileDatasetMessage RollingRoadUnit/RollingRoadUnitDetails/Vehicles</div> <div>complexTypes CustomerCode LocationIdent</div>									
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	<div>documentation</div> <div>Identifies a County or State by code (ISO 3166-1)</div>									
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 **CreateDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	<p>Customer Consignor or Consignee</p> <p>CustomerCode (extension)</p> <ul style="list-style-type: none">CountryCodeISO Identifies a County or State by code (ISO 3166-1)PrimaryCodeAdditionalCode <p>Type Customer Type: CR Consignor, CE Consignee</p> <p>CustomerCode CODE: Customer Code of the Contractual Carrier</p> <p>Name Generic Name in Free Text</p> <p>AdditionalInformation Additional Information supplied by Customer</p> <p>VAT Value Added Tax</p> <p>POBox P.O. Box</p> <p>StreetNumber Street Number</p> <p>Street Street</p> <p>Country Country Code ISO</p> <p>ZIPCode Postal Code</p> <p>City City / Town</p> <p>Signature Signature</p> <p>Contacts Contact information</p> <p>ContractualCarrierCode Contractual Carrier Code</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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
used by	element WIMO Dataset/ConsignmentLevelData
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:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>Value Added Tax</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>

```

        <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">
  <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>

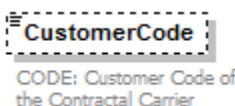
```

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

element **Customer/Type**

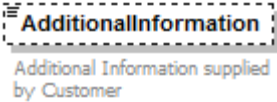
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:token									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>CR</td><td></td></tr><tr><td>enumeration</td><td>CE</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	CR		enumeration	CE	
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/2.4									
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>16</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	16	
Kind	Value	Annotation								
minLength	1									
maxLength	16									
annotation	documentation CODE: Customer Code of the Contractual Carrier									
source	<pre><xs:element name="CustomerCode" minOccurs="0"> <xs:annotation> <xs:documentation>CODE: Customer Code of the Contractual Carrier</xs:documentation> </xs:annotation> <xs:simpleType></pre>									

	<pre> <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> base="xs:string"> value="1"/> value="16"/> </pre>
--	--	--

element **Customer/AdditionalInformation**

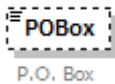
diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4										
type	restriction of xs:string										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>45</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minLength	1		maxLength	45	
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> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </pre>										

element **Customer/VAT**


diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4										
type	restriction of xs:string										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <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>25</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minLength	1		maxLength	25	
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> </pre>										

	<pre> </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/2.4									
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 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/2.4									
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>5</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	5	
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></pre>									

	<pre> </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

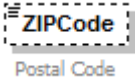
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation 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/2.4
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></pre>

	<pre> <xs:simpleType> <xs:restriction <xs:length </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> base="xs:string"> value="2"/> </pre>
--	--	--

element Customer/ZIPCode


diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4										
type	restriction of xs:string										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <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>9</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation									
minLength	1										
maxLength	9										
annotation	documentation Postal Code										
source	<pre> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>										

element Customer/City

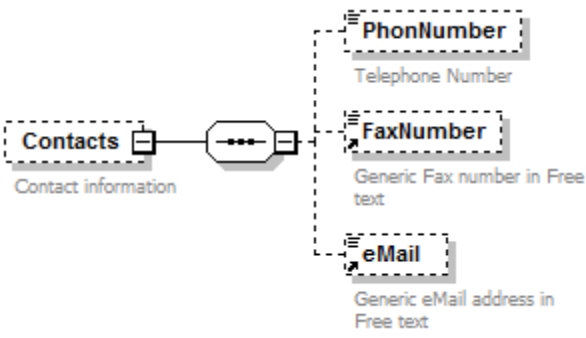
diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4										
type	restriction of xs:string										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</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 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 <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> base="xs:string" value="1"/> value="35"/> </pre>
--	--	--

element Customer/Signature

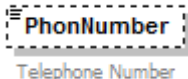
diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4										
type	restriction of xs:string										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation									
minLength	1										
maxLength	35										
annotation	documentation Signature										
source	<pre> <xs:element name="Signature" minOccurs="0" <xs:annotation> <xs:documentation>Signature</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="1"/> value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>										

element Customer/Contacts

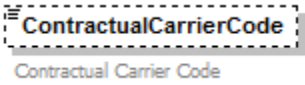
diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4	
properties	minOcc 0 maxOcc 1 content complex	
children	PhonNumber FaxNumber eMail	
annotation	documentation Contact information	

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>
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element Customer/Contacts/PhonNumber

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>30</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
annotation	documentation Telephone Number									
source	<pre><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></pre>									

element **Customer/ContractualCarrierCode**

diagram	 The diagram shows a box labeled 'ContractualCarrierCode' with a dashed border and a small icon to the left. Below the box, the text 'Contractual Carrier Code' is written.
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 solid border and a small icon to the left. 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/2.4
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>

```
</xs:simpleType>
</xs:element>
```

element Customers

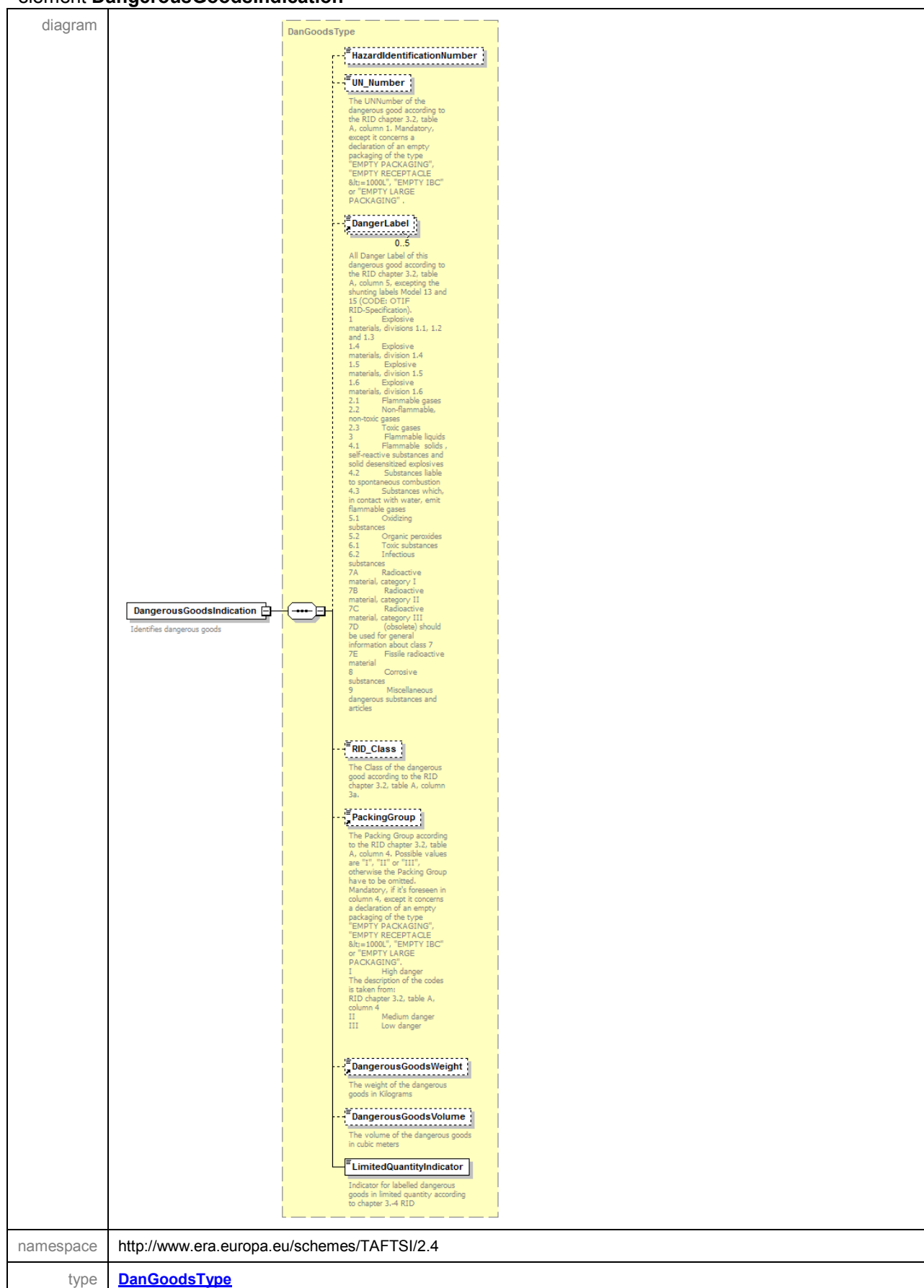
diagram	<p>The diagram shows the structure of the Customers element. It is a container for information about the consignor and consignee. It contains a sequence of elements: CustomerType, CustomerNumber, AdministrativeContactInformation, and LeadRU. CustomerType is a simple type with a restriction for CR (Consignor) and CE (Consignee). CustomerNumber is a simple type. AdministrativeContactInformation is a complex type. LeadRU is a simple type.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	CustomerType CustomerNumber AdministrativeContactInformation LeadRU
used by	elements ConsignmentOrderMessage/COMS/COM WagonDeliveryNoticeMessage WagonDepartureNoticeMessage WagonReleaseNoticeMessage
annotation	documentation Information about the consignor and consignee
source	<pre><xs:element name="Customers"> <xs:annotation> <xs:documentation>Information about the consignor and consignee</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CustomerType"> <xs:annotation> <xs:documentation>Type of participation CR: Consignor CE: Consignee</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:sequence> <xs:element ref="CustomerNumber" minOccurs="0"> <xs:annotation> <xs:documentation>CustomerNumber</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="LeadRU"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element></pre>

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

element **Customers/CustomerType**

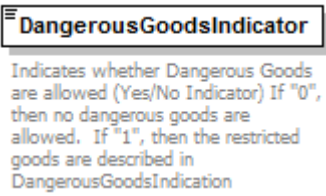
diagram	<div><div><div>CustomerType</div></div><div>Type of participation CR: Consignor CE: Consignee</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>CR</td><td></td></tr><tr><td>enumeration</td><td>CE</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	CR		enumeration	CE	
Kind	Value	Annotation								
enumeration	CR									
enumeration	CE									
annotation	documentation Type of participation CR: Consignor CE: Consignee									
source	<pre><xs:element name="CustomerType"> <xs:annotation> <xs:documentation>Type of participation CR: Consignor CE: Consignee </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DangerousGoodsIndication**




properties	content complex
children	HazardIdentificationNumber UN Number DangerLabel RID Class PackingGroup DangerousGoodsWeight DangerousGoodsVolume LimitedQuantityIndicator
used by	elements WIMO Dataset/ConsignmentLevelData WagonOperationalData/DangerousGoodsDetails PlannedTrainData RID WagonExceptionMessage WagonExceptionReasonMessage WagonInterchangeNoticeMessage WagonInterchangeSubNoticeMessage
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:boolean
properties	content simple
used by	element 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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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></pre>

	<pre> <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/2.4												
type	WeightValueKilo												
properties	content simple												
used by	element SummaryOFGoodsWithSameRID complexType DanGoodsType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation The weight of 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>												

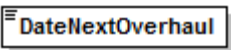
element **Date**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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>

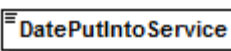
element **DateLastOverhaul**

diagram	 <p>Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:date
properties	content simple
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>

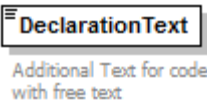
element **DateNextOverhaul**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:date
properties	content simple
used by	element RollingStockDataset/DesignDataSet
source	<pre><xs:element name="DateNextOverhaul" type="xs:date"/></pre>

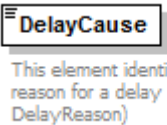
element **DatePutIntoService**

diagram	 <p>Original Date of first operation</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 **DeclarationText**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:string		
properties	content	simple	
used by	elements	ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	350	
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="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

element **DelayCause**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	DelayCode		
properties	content	simple	
used by	elements	DelayCauseTime TrainReadyMessage/TrainReadyStatus TrainReadyStatus	
facets	Kind	Value	Annotation
	enumeration	11	
	enumeration	10	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	18	
	enumeration	19	
	enumeration	20	
	enumeration	21	
	enumeration	22	
	enumeration	23	

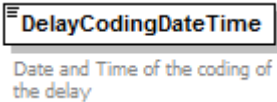
	<div>enumeration 24</div> <div>enumeration 25</div> <div>enumeration 28</div> <div>enumeration 29</div> <div>enumeration 31</div> <div>enumeration 30</div> <div>enumeration 32</div> <div>enumeration 39</div> <div>enumeration 40</div> <div>enumeration 41</div> <div>enumeration 50</div> <div>enumeration 51</div> <div>enumeration 52</div> <div>enumeration 53</div> <div>enumeration 54</div> <div>enumeration 58</div> <div>enumeration 59</div> <div>enumeration 60</div> <div>enumeration 61</div> <div>enumeration 62</div> <div>enumeration 63</div> <div>enumeration 64</div> <div>enumeration 68</div> <div>enumeration 70</div> <div>enumeration 69</div> <div>enumeration 71</div> <div>enumeration 80</div> <div>enumeration 81</div> <div>enumeration 82</div> <div>enumeration 83</div> <div>enumeration 84</div> <div>enumeration 89</div> <div>enumeration 90</div> <div>enumeration 91</div> <div>enumeration 92</div> <div>enumeration 93</div> <div>enumeration 94</div> <div>enumeration 95</div>
annotation	<div>documentation</div> <div>This element identifies the reason for a delay (modified DelayReason)</div>
source	<div><xs:element name="DelayCause" type="DelayCode"></div> <div><xs:annotation></div> <div><xs:documentation>This element identifies the reason for a delay (modified DelayReason)</xs:documentation></div> <div></xs:annotation></div> <div></xs:element></div>

element **DelayCauseTime**

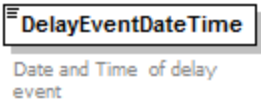
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	DelayCause DelayMinutes DelayEventDateTime InternalReferenceIdentifier DelayCodingDateTime Remarks
used by	element DelayEventReport
annotation	documentation Identifies the delay of a train due to a specified 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" minOccurs="0"> <xs:annotation> <xs:documentation>Date and Time of the coding of the </pre>

	<pre> 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/2.4
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/2.4
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> </xs:element> </pre>

element **DelayEventReport**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	DelayLocation TrainLocationStatus DelayCauseTime
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> <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:sequence> </xs:complexType> </xs:element> </pre>

element **DelayLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> </xs:annotation> </xs:element></pre>

element **DelayMinutes**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	String1-5									
properties	content simple									
used by	element DelayCauseTime									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>5</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
annotation	documentation Identifies the delay (in minutes) of a train for a specified cause									
source	<pre><xs:element name="DelayMinutes" type="String1-5"> <xs:annotation> <xs:documentation>Identifies the delay (in minutes) of a train for a specified cause</xs:documentation> </xs:annotation></pre>									

</xs:element>

element **DeliveryAtDestination**

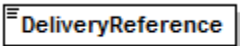
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Destination DeliveryTimeAtDestination
used by	element WagonDeliveryNoticeMessage
annotation	documentation Place, Date and Time when the wagon is ready to be picked up by the customer
source	<pre> <xs:element name="DeliveryAtDestination"> <xs:annotation> <xs:documentation>Place, Date and Time when the wagon is ready to be picked up by the customer</xs:documentation> </xs:annotation> <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/2.4
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"> </pre>

	<pre> <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**

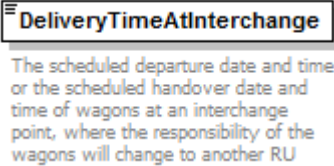
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	content simple									
used by	elements ITU Details Wagons/WagonDetails									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>30</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
source	<pre><xs:element name="DeliveryReference"> <xs:annotation/> <xs:simpleType> <xs:restriction base="xs:string" <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DeliveryTimeAtDestination**

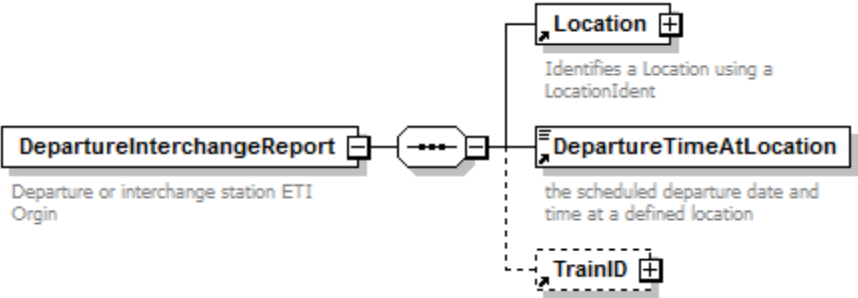
diagram	 <p>The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	element DeliveryAtDestination
annotation	documentation 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> </pre>

	<pre> <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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Location DepartureTimeAtLocation TrainID
used by	element WagonETI ETA Message
annotation	documentation Departure or interchange station ETI Origin
source	<pre> <xs:element name="DepartureInterchangeReport"> <xs:annotation> <xs:documentation>Departure or interchange station ETI Origin</xs:documentation> </xs:annotation> </pre>

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

element **DepartureJourneyTrack**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	elements DepartureInterchangeReport WagonAtDeparture WagonPickupAtOrigin YardDeparture

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	<p>The diagram illustrates the structure of the DepartureTrackAtLocation 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.</p> <p>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.</p> <p>LocationIdent: Identifies a County or State by code (ISO 3166-1).</p> <p>CountryCodeISO: Identifies a County or State by code (ISO 3166-1).</p> <p>LocationPrimaryCode: Location Name in an official language of the Country using the ISO Unicode alphabet.</p> <p>PrimaryLocationName: Location Name in an official language of the Country using the ISO Unicode alphabet.</p> <p>LocationSubsidiaryIdentification: Code, Name and allocation company of Subsidiary Location.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> </xs:element></pre>

element **Destination**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements ArrivalAtDestination WIMO_Dataset/ConsignmentLevelData DeliveryAtDestination
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	LengthCode Length Width Height
used by	element 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										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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>totalDigits</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	10		totalDigits	2	
Kind	Value	Annotation								
minInclusive	10									
totalDigits	2									
annotation	documentation Length code according to UIC leaflet 592-2 documentation CODE: UIC leaflet 592-2									
source	<pre><xs:element name="LengthCode"> <xs:annotation> <xs:documentation>Length code according to UIC leaflet 592-2</xs:documentation> <xs:documentation>CODE: UIC leaflet 592-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:totalDigits value="2"/> <xs:minInclusive value="10"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

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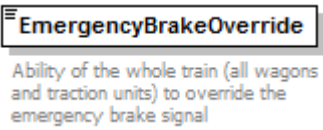
element DwellTime

diagram	<div><div><div>DwellTime</div><div>The minimum duration of dwell time expressed in minutes</div></div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	restriction of xs:decimal						
properties	content simple						
used by	element TimingAtLocation						
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>fractionDigits</td><td>1</td><td></td></tr></tbody></table>	Kind	Value	Annotation	fractionDigits	1	
Kind	Value	Annotation					
fractionDigits	1						
annotation	<div>documentation</div> <div>The minimum duration of dwell time expressed in minutes</div>						
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" value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						


element eMail

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	CommunicationRefID									
properties	content simple									
used by	elements AdministrativeContactInformation Customer/Contacts									
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>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>									

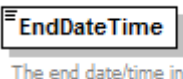
element **EmergencyBrakeOverride**

diagram	 <p>Ability of the whole train (all wagons and traction units) to override the emergency brake signal</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
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 **EndDate**

diagram	 <p>The end date/time in effect</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:date
properties	content simple
used by	complexType ValidityPeriod
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	 <p>The end date/time in effect</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	elements RequestedPeriod RequestedTimeframe ValidityPeriod
annotation	documentation The end date/time in effect
source	<pre><xs:element name="EndTime" type="xs:dateTime"> <xs:annotation></pre>

	<pre><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/2.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
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/2.4
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:complexType> <xs:sequence> <xs:element ref="MessageReference"/> <xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="∞"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="∞"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

</xs:complexType>
</xs:element>
<xs:element name="Error" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TagReference" type="xs:string" minOccurs="0">
        <xs:annotation>
          <xs:documentation>This is a placeholder for XPath expression
indicating the element of the original message which caused the
error.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TypeOfError">
        <xs:annotation>
          <xs:documentation>It is an enumerated type to indicate if the
error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to
a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:enumeration value="0"/>
            <xs:enumeration value="1"/>
            <xs:enumeration value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Severity">
        <xs:annotation>
          <xs:documentation>1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-
FATAL The senders and receivers should agree about the severity levels and
their interpretation: should the process stop, should the message be resent
etc.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:enumeration value="1"/>
            <xs:enumeration value="2"/>
            <xs:enumeration value="3"/>
            <xs:enumeration value="4"/>
          </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:pattern value="\d"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

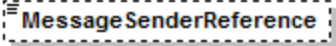
```

	<pre> </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/ErrorMessageReference

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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="ErrorMessageReference" 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/ErrorMessageReference/MessageSenderReference

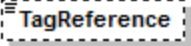
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	FreeText									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
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="MessageSenderReference" type="FreeText" minOccurs="0"/>									

element **ErrorMessage/Error**

diagram	<p>TagReference This is a placeholder for XPath expression indicating the element of the original message which caused the error.</p> <p>TypeError 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)</p> <p>Severity 1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.</p> <p>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."</p> <p>FreeTextField Free Text</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 1 maxOcc unbounded content complex
children	TagReference TypeError Severity ErrorCode FreeTextField
source	<pre> <xs:element name="Error" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="TagReference" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TypeError"> <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 </pre>

	<pre> 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 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> </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:pattern value="\d"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="FreeTextField"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ErrorMessage/Error/TagReference**

diagram	 <p>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	<div><div>TypeOfError</div><p>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)</p></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
type	restriction of xs:integer												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2	
Kind	Value	Annotation											
enumeration	0												
enumeration	1												
enumeration	2												
annotation	<p>documentation</p> <p>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)</p>												
source	<pre><xs:element name="TypeOfError"> <xs:annotation> <xs:documentation>It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **ErrorMessage/Error/Severity**

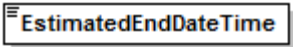
diagram	<div><div>Severity</div><div>1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.</div></div>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4															
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><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	1		enumeration	2		enumeration	3		enumeration	4	
Kind	Value	Annotation														
enumeration	1															
enumeration	2															
enumeration	3															
enumeration	4															
annotation	documentation 1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.															
source	<pre><xs:element name="Severity"> <xs:annotation> <xs:documentation>1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element **ErrorMessage/Error/ErrorCode**

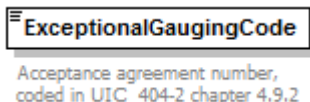
diagram	<div><div><div>ErrorCode</div></div><p>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</p></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
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></table>	Kind	Value	Annotation	minInclusive	1	
Kind	Value	Annotation					
minInclusive	1						

	maxInclusive 9999 pattern \d
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:pattern value="\d"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **EstimatedEndTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
source	<pre> <xs:element name="EstimatedEndTime" type="xs:dateTime"/> </pre>

element **ExceptionalGaugingCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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, coded in UIC 404-2 chapter 4.9.2									
source	<pre><xs:element name="ExceptionalGaugingCode"> <xs:annotation> <xs:documentation>Acceptance agreement number, coded in UIC 404-2 chapter 4.9.2</xs:documentation> </xs:annotation> <xs:simpleType></pre>									

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

element **ExceptionalGaugingIdent**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4	
properties	content complex	
children	IM_Partner ExceptionalGaugingCode	
used by	elements PlannedTrainData WagonOperationalData	
annotation	documentation Indicates that an exceptional Gauging is in the train or for the wagon	
source	<pre> <xs:element <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 <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre>	

element **ExceptionalGaugingInd**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4	
type	xs:boolean	
properties	content simple	
used by	element TrainRunningData	
annotation	documentation Indicates that an exceptional gauging is in the train or for the wagon - (true/false)	
source	<pre> <xs:element <xs:annotation> </pre>	

	<pre><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	<div><div>ExceptionalGaugingProfile</div><div>Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	content simple									
used by	element WagonOperationalData									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>7</td><td></td></tr><tr><td>maxLength</td><td>7</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	7		maxLength	7	
Kind	Value	Annotation								
minLength	7									
maxLength	7									
annotation	documentation Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)									
source	<pre><xs:element name="ExceptionalGaugingProfile"> <xs:annotation> <xs:documentation>Identification of special load. Coding found in 404-2 chapter 4.9.1 (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/2.4
properties	content complex
children	Location ResponsibleRU WagonLocationStatus ScheduledTimeAtLocation ExceptionTimeAtLocation
used by	element WagonExceptionReport
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**

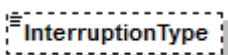
diagram	<p>ExceptionReason Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</p> <p>WagonInterruptionReason</p> <p>InterruptionDescription The free text description of an interruption</p> <p>InterruptionType</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	WagonInterruptionReason InterruptionDescription InterruptionType
used by	element WagonExceptionReport
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: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>

	<pre> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **ExceptionReason/WagonInterruptionReason**

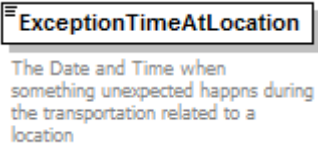
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
type	restriction of xs:token												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>wagon damaged</td><td></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/2.4		
type	restriction of xs:token		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	length	1	
	enumeration	0	documentation Damage does not cause an interruption of transport run
	enumeration	1	documentation Damage causes an interruption of transport run
	enumeration	2	documentation 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></pre>		

	<pre> <xs:documentation>Damage does not cause an interruption of transport </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**

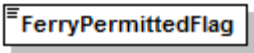
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	element ExceptionPoint
annotation	documentation The Date and Time when something unexpected happens during the transportation related to a location
source	<pre> <xs:element name="ExceptionTimeAtLocation" 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 **FaxNumber**


diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
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></table>	Kind	Value	Annotation	minLength	1	
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/2.4
type	xs:boolean
properties	content simple
used by	element RollingStockDataset/DesignDataSet
source	<pre><xs:element name="FerryPermittedFlag" type="xs:boolean"/></pre>

element FreeTextField


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	FreeText
properties	content simple
used by	elements AdministrativeContactInformation ErrorMessage/Error PathCanceledMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PlannedJourneyLocation
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Free Text
source	<pre><xs:element name="FreeTextField" type="FreeText"> <xs:annotation> <xs:documentation>Free Text</xs:documentation> </xs:annotation> </xs:element></pre>

element FreightFlag

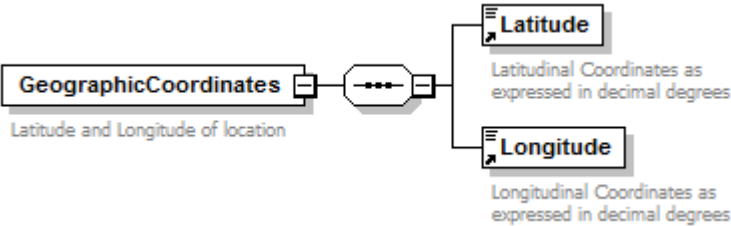
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4

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 **GeographicalCoordinates**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:string
properties	content simple
annotation	documentation Longitude and latitude as defined in UIC Leafle 920-2
source	<pre> <xs:element name="GeographicalCoordinates" type="xs:string"> <xs:annotation> <xs:documentation>Longitude and latitude as defined in UIC Leafle 920-2</xs:documentation> </xs:annotation> </xs:element> </pre>

element **GeographicCoordinates**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Latitude Longitude
used by	elements 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> </pre>

	<pre><xs:sequence> <xs:element <xs:element ref="Latitude"/> ref="Longitude"/> </xs:sequence> </xs:complexType> </xs:element></pre>
--	--

element **Goods**

diagram	<p>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)</p> <p>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</p> <p>Packing Packing information</p> <p>NHM_Code NHM code of the goods</p> <p>PreviousLoadedGood</p> <p>GoodsDescription This element describes the goods of the shipment as free text</p> <p>AdditionalGoodInformation Additional information regarding the loaded good, given by the customer.</p> <p>GrossWeight Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing</p> <p>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.</p> <p>EWC_Key Numeric key according to the European Waste Catalogue</p> <p>Goods Describes the goods inside the means of transport</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex

children	NoGoodsOfClassX RID Packing NHM_Code PreviousLoadedGood GoodsDescription AdditionalGoodInformation GrossWeight HS_Code EWC_Key
used by	elements WIMO_Dataset/ConsignmentLevelData ITU_RollingRoadUnit Wagons
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" value="1"/> <xs:restriction value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="RID" minOccurs="0"/> <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" value="2"/> <xs:restriction 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" value="1"/> <xs:restriction value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </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>
</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="350"/>
    </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 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"/>

```

	<pre> <xs:maxLength <xs:pattern </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>	<pre> value="6"/> value="\d*" /> </pre>
--	--	---

element **Goods/NoGoodsOfClassX**

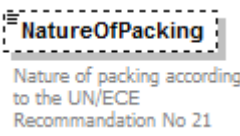
diagram	<div><div>NoGoodsOfClassX</div><div>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	4	
Kind	Value	Annotation								
minLength	1									
maxLength	4									
annotation	<div>documentation</div> <div>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)</div>									
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:simpleType> <xs:restriction base="xs:string" value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Goods/Packing**

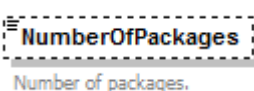
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 0 maxOcc 1 content complex
children	NatureOfPacking NumberOfPackages PackageIdentification
annotation	documentation Packing information
source	<pre> <xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing 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:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <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 **Goods/Packing/NatureOfPacking**

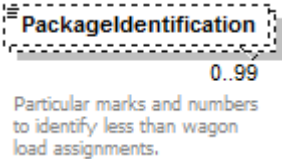
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 2
annotation	documentation Nature of packing according to the UN/ECE Recommendation No 21 documentation CODE: UN/ECE-Recommendation 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**

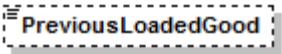
element NumberOfPackages (restriction of xs:int)					
diagram					
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4				
type	restriction of xs:int				
properties	minOcc 0 maxOcc 1 content simple				
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></table>		Kind	Value	Annotation
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/2.4
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**

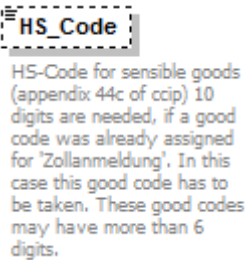
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	NHMCodeType

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 **Goods/AdditionalGoodInformation**

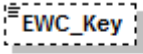
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information regarding the loaded good, given by the customer.
source	<pre> <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="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Goods/HS_Code**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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>

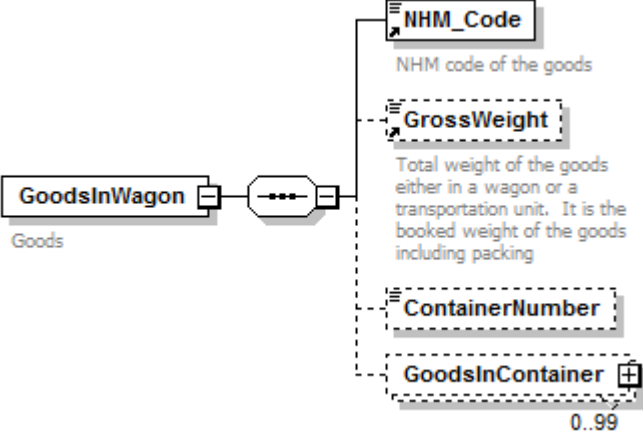
element Goods/EWC_Key

diagram	 <p>Numeric key according to the European Waste Catalogue</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	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	<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:pattern value="\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **GoodsDescription**

diagram	<div><div><div>GoodsDescription</div><div>This element describes the goods of the shipment as free text</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	FreeText									
properties	content simple									
used by	element Goods									
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 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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> </pre>

	<pre> <xs:sequence> <xs:element <xs:element <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/2.4									
type	<u>EquipmentNumberType</u>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>13</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation								
minLength	1									
maxLength	13									
source	<xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/>									

element GoodsInWagon/GoodsInContainer

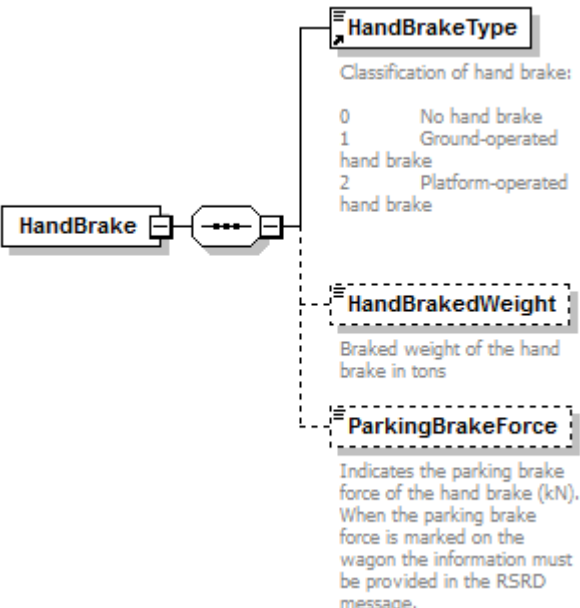
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 0 maxOcc 99 content complex
children	NHM_Code GrossWeight
source	<pre> <xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code" minOccurs="0"/> <xs:element ref="GrossWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

element **GrossWeight**

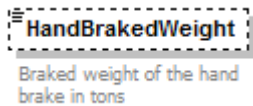
diagram	<div><div><div>GrossWeight</div></div><div>Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing</div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
type	WeightValueKilo												
properties	content simple												
used by	elements Goods GoodsInWagon/GoodsInContainer GoodsInWagon												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	<div>documentation</div> <div>Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing</div>												
source	<pre><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 </xs:documentation> </xs:annotation> </xs:element></pre>												

element **HandBrake**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	HandBrakeType HandBrakedWeight ParkingBrakeForce
used by	element RollingStockDataset/DesignDataSet
source	<pre> <xs:element name="HandBrake"> <xs:complexType> <xs:sequence> <xs:element ref="HandBrakeType"/> <xs:element name="HandBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Braked weight of the hand brake in tons</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:element name="ParkingBrakeForce" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates the parking brake force of the hand brake 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:sequence> </xs:complexType> </xs:element> </pre>

element **HandBrake/HandBrakedWeight**

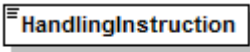
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:decimal									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>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	<div>documentation</div> <div>Braked weight of the hand brake in tons</div>									

source	<pre> <xs:element name="HandBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Braked weight of the hand brake in tons</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>
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element HandBrake/ParkingBrakeForce


diagram	<div><div><div><div><div><div></div><div>ParkingBrakeForce</div></div></div><div>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.</div></div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:decimal									
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>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	<div>documentation</div> <div>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.</div>									
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 HandlingInstruction

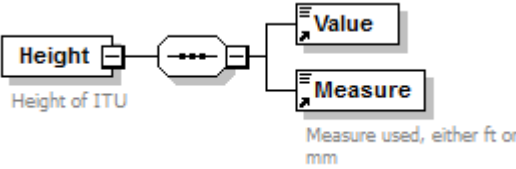
diagram	 <p>Special instructions regarding the handling of the wagon or shipment in free text</p>
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	FreeText
properties	content simple
facets	<div>Kind Value Annotation</div> <div>minLength 1</div> <div>maxLength 255</div>
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/2.4
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

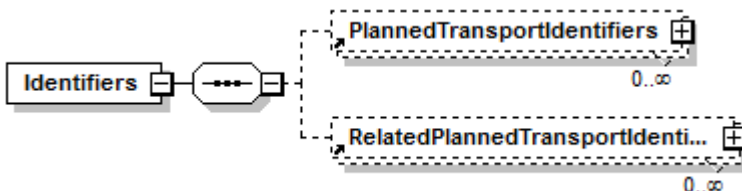
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Value Measure
used by	<div>element Dimensions</div> <div>complexType DimensionValue</div>
annotation	documentation Height of ITU
source	<pre><xs:element name="Height"> <xs:annotation> <xs:documentation>Height of ITU</xs:documentation> </xs:annotation></pre>

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

element **HighestPlannedSpeed**


diagram	<div><div><div>HighestPlannedSpeed</div></div><p>IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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 (Responsible applicant) on the speed which was the basis for path construction									
source	<pre><xs:element name="HighestPlannedSpeed" type="Speed"> <xs:annotation> <xs:documentation>IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction</xs:documentation> </xs:annotation> </xs:element></pre>									

element **Identifiers**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
properties	content complex												
children	PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers												
used by	<table><tr><td>elements</td><td>PathCanceledMessage</td><td>PathConfirmedMessage</td><td>PathDetailsMessage</td></tr><tr><td></td><td>PathDetailsRefusedMessage</td><td>PathNotAvailableMessage</td><td>PathRequestMessage</td></tr><tr><td></td><td>ReceiptConfirmationMessage</td><td></td><td></td></tr></table>	elements	PathCanceledMessage	PathConfirmedMessage	PathDetailsMessage		PathDetailsRefusedMessage	PathNotAvailableMessage	PathRequestMessage		ReceiptConfirmationMessage		
elements	PathCanceledMessage	PathConfirmedMessage	PathDetailsMessage										
	PathDetailsRefusedMessage	PathNotAvailableMessage	PathRequestMessage										
	ReceiptConfirmationMessage												
source	<pre><xs:element name="Identifiers"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="RelatedPlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> </pre>												

	<pre> maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element IM_Partner

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	CompanyCode									
properties	content simple									
used by	elements Wagons/WagonDetails/ExceptionalConsignment ExceptionalGaugingIdent									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></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 Infrastructure Manager									
source	<pre><xs:element name="IM_Partner" type="CompanyCode"> <xs:annotation> <xs:documentation>Infrastructure Manager</xs:documentation> </xs:annotation> </xs:element></pre>									

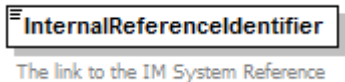
element ImpactedRU

diagram	<div><div><div>ImpactedRU</div></div><div>The RU impacted by a restriction</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	CompanyCode									
properties	content simple									
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 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>									

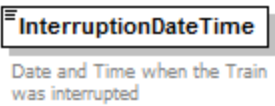
element **IntermediateDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element NextIntermediateDestination
annotation	documentation A location on the route of a train
source	<pre><xs:element name="IntermediateDestination" type="LocationIdent"> <xs:annotation> <xs:documentation>A location on the route of a train</xs:documentation> </xs:annotation> </xs:element></pre>


element **InternalReferenceIdentifier**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	FreeText									
properties	content simple									
used by	elements DelayCauseTime InterruptionPoint/Interruption InterruptionInformation TrainJourneyModificationMessage									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation The link to the IM System Reference									
source	<pre><xs:element name="InternalReferenceIdentifier" type="FreeText"> <xs:annotation> <xs:documentation>The link to the IM System Reference</xs:documentation> </xs:annotation> </xs:element></pre>									

element **InterruptionDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	elements InterruptionPoint/Interruption InterruptionInformation
annotation	documentation Date and Time when the Train was interrupted
source	<pre><xs:element name="InterruptionDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time when the Train was interrupted</xs:documentation> </xs:annotation> </xs:element></pre>

element **InterruptionDescription**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	FreeText
properties	content simple
used by	elements ChangeofTrackMessage ExceptionReason InterruptionPoint/Interruption
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation The free text description of an interruption
source	<pre><xs:element name="InterruptionDescription" type="FreeText"> <xs:annotation> <xs:documentation>The free text description of an interruption</xs:documentation> </xs:annotation> </xs:element></pre>

element **InterruptionInformation**

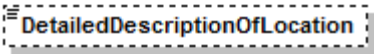
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	InterruptionDescription InterruptionDateTime InterruptionReason InternalReferenceIdentifier
used by	element PathNotAvailableMessage
annotation	<p>documentation</p> <p>The main part of this complex element 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.</p>
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>

element **InterruptionPoint**

diagram	<p>InterruptionPoint describes the interruption points with location and the reason for the interruption</p> <p>Location Identifies a Location using a LocationIdent</p> <p>DetailedDescriptionOfLocation</p> <p>Interruption</p> <p>InterruptionDuration To specify the probable duration of the interruption</p> <p>Remarks 0..∞ To provide any additional information to the RU or next IM (e.g. contact person, next steps, etc)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Location DetailedDescriptionOfLocation Interruption InterruptionDuration Remarks
used by	element TrainRunningInterruptionMessage
annotation	documentation describes the interruption points with location and the reason for the interruption
source	<pre> <xs:element name="InterruptionPoint"> <xs:annotation> <xs:documentation>describes the interruption points with location and the reason for the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <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 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:sequence> </xs:complexType> </xs:element> <xs:element type="FreeText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Remarks" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>To provide any additional information to the RU or next IM (e.g. contact person, next steps, etc)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **InterruptionPoint/DetailedDescriptionOfLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	FreeText
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<pre> <xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/> </pre>

element **InterruptionPoint/Interruption**

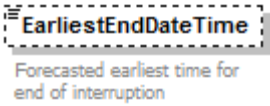
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	InterruptionReason InterruptionDateTime InterruptionDescription InternalReferenceIdentifier
source	<pre> <xs:element name="Interruption"> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InterruptionDateTime"/> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **InterruptionPoint/InterruptionDuration**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> </pre>

	<pre> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **InterruptionPoint/InterruptionDuration/EarliestEndDateTime**

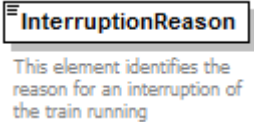
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted earliest time for end of interruption
source	<pre> <xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </pre>

element **InterruptionPoint/InterruptionDuration/LatestEndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted latest time for end of interruption
source	<pre> <xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> </pre>

	<pre> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </pre>
--	---

element **InterruptionReason**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	DelayCode		
properties	content simple		
used by	elements	ChangeofTrackMessage InterruptionPoint/Interruption InterruptionInformation	
facets	Kind	Value	Annotation
	enumeration	11	
	enumeration	10	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	18	
	enumeration	19	
	enumeration	20	
	enumeration	21	
	enumeration	22	
	enumeration	23	
	enumeration	24	
	enumeration	25	
	enumeration	28	
	enumeration	29	
	enumeration	31	
	enumeration	30	
	enumeration	32	
	enumeration	39	
	enumeration	40	
	enumeration	41	
	enumeration	50	
	enumeration	51	
	enumeration	52	
	enumeration	53	
	enumeration	54	
	enumeration	58	
	enumeration	59	
	enumeration	60	
	enumeration	61	
	enumeration	62	
	enumeration	63	

	<div>enumeration 64</div> <div>enumeration 68</div> <div>enumeration 70</div> <div>enumeration 69</div> <div>enumeration 71</div> <div>enumeration 80</div> <div>enumeration 81</div> <div>enumeration 82</div> <div>enumeration 83</div> <div>enumeration 84</div> <div>enumeration 89</div> <div>enumeration 90</div> <div>enumeration 91</div> <div>enumeration 92</div> <div>enumeration 93</div> <div>enumeration 94</div> <div>enumeration 95</div>
annotation	<div>documentation</div> <div>This element identifies the reason for an interruption of the train running</div>
source	<div><xs:element name="InterruptionReason" type="DelayCode"></div> <div><xs:annotation></div> <div><xs:documentation>This element identifies the reason for an interruption</div> <div>of the train running</xs:documentation></div> <div></xs:annotation></div> <div></xs:element></div>

element ITU

diagram	<pre>graph LR ITU[ITU] --- Container(()) Container --- ITU_Details[ITU_Details] Container --- Goods[Goods] Container --- SummaryOfGoodsWithSameRID[SummaryOfGoodsWithSameRID]</pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	ITU_Details Goods SummaryOfGoodsWithSameRID
used by	element Wagons
annotation	<div>documentation</div> <div>Describes the type and content of an IntermodalTransportUnit</div>
source	<div><xs:element name="ITU"></div>

	<pre><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**

<p>diagram</p>	<p>ITU_Type Type of Intermodal Transport Unit. Further information is given for each enumeration element.</p> <p>Number ITU number</p> <p>LoadingStatus Loading status of the equipment. 0=Empty, 1=Loaded</p> <p>ITU_TypeDetail</p> <p>Prefix Prefix</p> <p>Checkdigit Check digit</p> <p>Dimensions Dimensions of the UTI.</p> <p>TareWeight Tare weight [kg] of UTI.</p> <p>SwapBodyCodification Codification used for swap bodies according to UIC/UIRR regulations</p> <p>Forwarding Final destination of the UTI.</p> <p>Ship Additional information for transports, which shall be handed over to a ship</p> <p>TurnInNumber Reference number used for empty containers in depots of shipping company.</p> <p>DeliveryReference</p> <p>OriginCountry Code of origin country of the UTI.</p> <p>DepartureCountry Code of departure country of the UTI.</p> <p>UltimateDestinationCountry Country of Ultimate Destination</p> <p>Seals Describes the seals used for the consignment</p> <p>ReferenceNumbers This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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: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:sequence> </xs:complexType> </xs:element> </pre>

```

    </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
    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">
  <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>

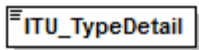
```

	<pre> <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	<div><div><div>Number</div></div><div>ITU number</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of EquipmentNumberType									
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>13</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation								
minLength	1									
maxLength	13									
annotation	documentation ITU number									
source	<pre><xs:element name="Number"> <xs:annotation> <xs:documentation>ITU number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentNumberType"/> </xs:simpleType> </xs:element></pre>									

element ITU_Details/ITU_TypeDetail

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
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/2.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>5</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	5	
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:element></pre>									

	<pre> </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/2.4
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" value="1"/> </xs:simpleType> </xs:element></pre>

element ITU_Details/TareWeight


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
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></pre>												

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

element ITU_Details/SwapBodyCodification

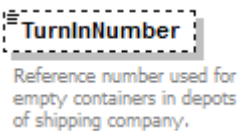
diagram	<div><div><div>≡</div><div>SwapBodyCodification</div></div><div>Codification used for swap bodies according to UIC/UIRR regulations</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	<div>minOcc0</div> <div>maxOcc1</div> <div>contentsimple</div>									
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	<div>documentation</div> <div>Codification used for swap bodies according to UIC/UIRR regulations</div> <div>documentation</div> <div>CODE:</div>									
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" value="3"/> value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element ITU_Details/Forwarding


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>80</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	80	
Kind	Value	Annotation								
minLength	1									
maxLength	80									
annotation	documentation Final destination of the UTI.									
source	<pre><xs:element name="Forwarding" minOccurs="0"> <xs:annotation> <xs:documentation>Final destination of the UTI.</xs:documentation> </xs:annotation> <xs:simpleType></pre>									

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

element ITU_Details/TurnInNumber

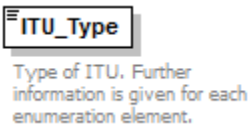
diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4										
type	restriction of xs:string										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</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 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/2.4										
type	CountryIdentISO										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <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 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>
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element ITU_Type

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
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 **JourneySection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	JourneySectionDestination JourneySectionOrigin 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 name="JourneySectionDestination"> <xs:annotation> <xs:documentation>Destination of the section on which train composition is 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> <xs:element name="JourneySectionOrigin"> <xs:annotation> <xs:documentation>Origin of the section on which train composition 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> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

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

```

ref="ResponsibilityActualSection"/>
 ref="ResponsibilityNextSection"/>

element JourneySection/JourneySectionDestination

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime
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> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

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

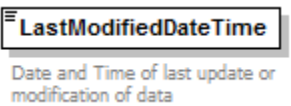
element **JourneySection/JourneySectionOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime
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 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>

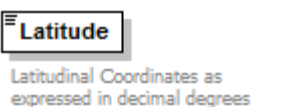
element **KeeperShortNameVKM**

diagram	<div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div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iv></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div><div><div></div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div><div></</div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div>
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element **LastModifiedDateTime**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 data</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Latitude**

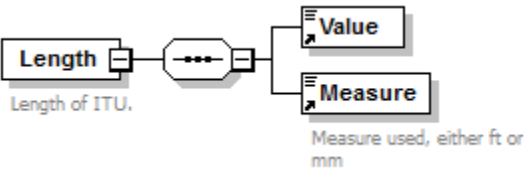
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4

type	xs:float
properties	content simple
used by	element GeographicCoordinates
annotation	documentation Latitudinal Coordinates as expressed in decimal degrees
source	<pre><xs:element name="Latitude" type="xs:float"> <xs:annotation> <xs:documentation>Latitudinal Coordinates as expressed in decimal degrees</xs:documentation> </xs:annotation> </xs:element></pre>

element LeadRU

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	CompanyCode									
properties	content simple									
used by	elements Customers PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></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 Lead Railway Undertaking									
source	<pre><xs:element name="LeadRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Lead Railway Undertaking</xs:documentation> </xs:annotation> </xs:element></pre>									

element Length

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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></pre>

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

element **LengthOfSetOfCarriages**

diagram	<div><div><div>LengthOfSetOfCarriages</div></div><p>The calculated maximum Length of a all wagons/coaches (sum of all length over buffer of the wagons - ger. "Wagenzuglänge"). This is made optional together with TrainLengt, but it should be implemented by applications as mandatory.</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	Numeric4-4									
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>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	<p>documentation</p> <p>The calculated maximum Length of a all wagons/coaches (sum of all length over buffer of the wagons - ger. "Wagenzuglänge"). This is made optional together with TrainLengt, but it should be implemented by applications as mandatory.</p>									
source	<pre><xs:element name="LengthOfSetOfCarriages" type="Numeric4-4"> <xs:annotation> <xs:documentation>The calculated maximum Length of a all wagons/coaches (sum of all length over buffer of the wagons - ger. "Wagenzuglänge"). This is made optional together with TrainLengt, but it should be implemented by applications as mandatory.</xs:documentation> </xs:annotation> </xs:element></pre>									

element **LengthOverBuffers**


diagram	<div><div><div>LengthOverBuffers</div><div>Length over buffers is expressed in cm.</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet WagonTechData									
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>999999</td><td></td></tr></tbody></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 LoadArea

diagram	<div><div><div>≡</div><div>LoadArea</div></div><div>Payload Area - measured in M2</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:decimal									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>totalDigits</td><td>5</td><td></td></tr><tr><td>fractionDigits</td><td>1</td><td></td></tr></tbody></table>	Kind	Value	Annotation	totalDigits	5		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	5									
fractionDigits	1									
annotation	documentation Payload Area - measured in M2									
source	<pre><xs:element name="LoadArea"> <xs:annotation> <xs:documentation>Payload Area - measured in M2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element LoadingCapacity

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:decimal
properties	content simple
used by	element RollingStockDataset/DesignDataSet

facets	<div>Kind</div> <div>totalDigits 5</div> <div>fractionDigits 1</div>	Value	Annotation
annotation	<div>documentation</div> <div>Usable Cube - measured in M3</div>		
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>		

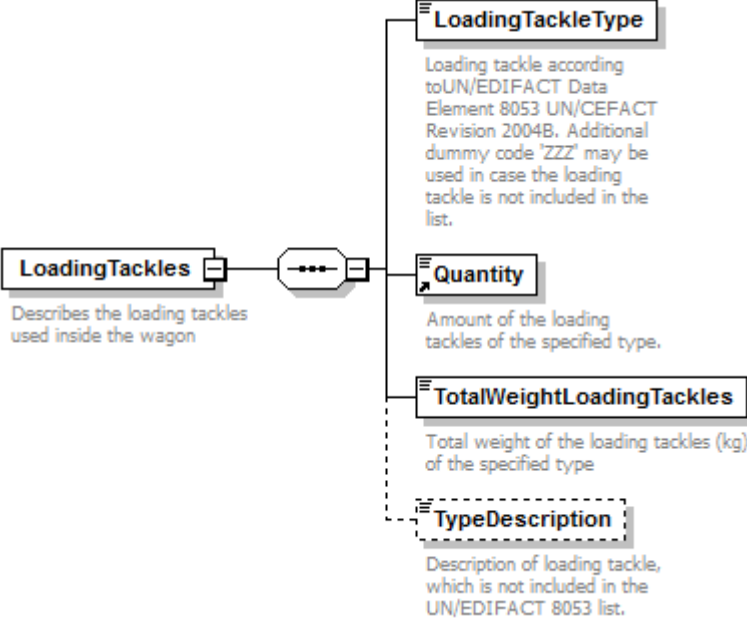
element LoadingFacility

diagram	<p>LoadingFacility Identifies the loading facility (in case of message type = ORU)</p> <p>CustomerNumber The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAF element</p> <p>AdministrativeContactInformation Used to define administrative contact information</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	CustomerNumber AdministrativeContactInformation
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint
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 **LoadingStatus**


diagram	<div><div><div>☰</div><div>LoadingStatus</div></div><div>Loading status of the equipment. 0=Empty, 1=Loaded</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
used by	elements ITU_Details_RollingRoadUnit/RollingRoadUnitDetails Wagons/WagonDetails WagonInformation									
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 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/2.4
properties	content complex

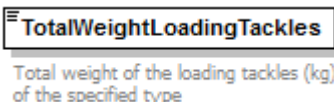
children	LoadingTackleType Quantity TotalWeightLoadingTackles TypeDescription
used by	element Wagons
annotation	documentation Describes the loading tackles used inside the wagon
source	<pre> <xs:element name="LoadingTackles"> <xs:annotation> <xs:documentation>Describes the loading tackles used inside 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: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	 <p> 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. </p>
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	WeightValueKilo		
properties	content	simple	
facets	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	<div><div>TypeDescription</div><div>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:string
properties	<div><div>minOcc</div><div>0</div><div>maxOcc</div><div>1</div><div>content</div><div>simple</div></div>
facets	<div><div>Kind</div><div>Value</div><div>Annotation</div><div>minLength</div><div>1</div></div>

	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>

element Location

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements AcceptanceInterchangePoint ArrivalInterchangeReport ConsignmentOrderMessage/COMS/COM/CustomsProcedures DeliveryInterchangePoint DepartureInterchangeReport ExceptionPoint InterruptionPoint LocationModified ProductionStation RefusalAtInterchange SpecialTreatments TrainForecastAtReportingLocationMessage TrainLocationReport WagonAtDeparture WagonEventInformation WagonPickupAtOrigin YardArrival YardDeparture
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	<p>The diagram shows the structure of the LocationActualTrack 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 is described as 'Identifies a County or State by code (ISO 3166-1)'. The LocationPrimaryCode element is described as 'Location Name in an offication language of the Country using the ISO Unicode alphabet'. The PrimaryLocationName element is described as 'Location Name in an offication language of the Country using the ISO Unicode alphabet'. The LocationSubsidiaryIdentification element is described as 'Code, Name and allocation company of Subsidiary Location'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	<p>The diagram shows the structure of the LocationDateTime element. It is a simple type of xs:dateTime. It is described as 'Identifies the actual or forecasted Date / Time at a specific reporting point'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	elements TrainAtLocation TrainLocationReport
annotation	documentation Identifies the actual or forecasted Date / Time at a specific reporting point
source	<pre> <xs:element name="LocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual or forecasted Date / Time at a specific reporting point</xs:documentation> </xs:annotation> </xs:element> </pre>

element **LocationFileDatasetMessage**

diagram	<pre> graph LR LFD[LocationFileDatasetMessage Used to Create, Modify or Update the LocationIdent Reference File] --- Seq1[...] Seq1 --- MH[MessageHeader Used for all messages] Seq1 --- MS[MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion] Seq1 --- CCI[CountryCodeISO Identifies a County or State by code (ISO 3166-1)] Seq1 --- Seq2[...] Seq2 --- LPI[LocationPrimaryCode] Seq2 --- Choice1[...] Choice1 --- LPII[LocationPrimaryInformation Required for Primary Location Add, Update, of a Location Primary Code] Choice1 --- LISI[LocationSubsidiaryInformation Required for Add, Update of a Location Subsidiary Code (modified to global element)] </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader MessageStatus CountryCodeISO LocationPrimaryCode 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:choice> <xs:element ref="LocationPrimaryInformation"/> <xs:element ref="LocationSubsidiaryInformation"/> </xs:choice> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LocationModified**

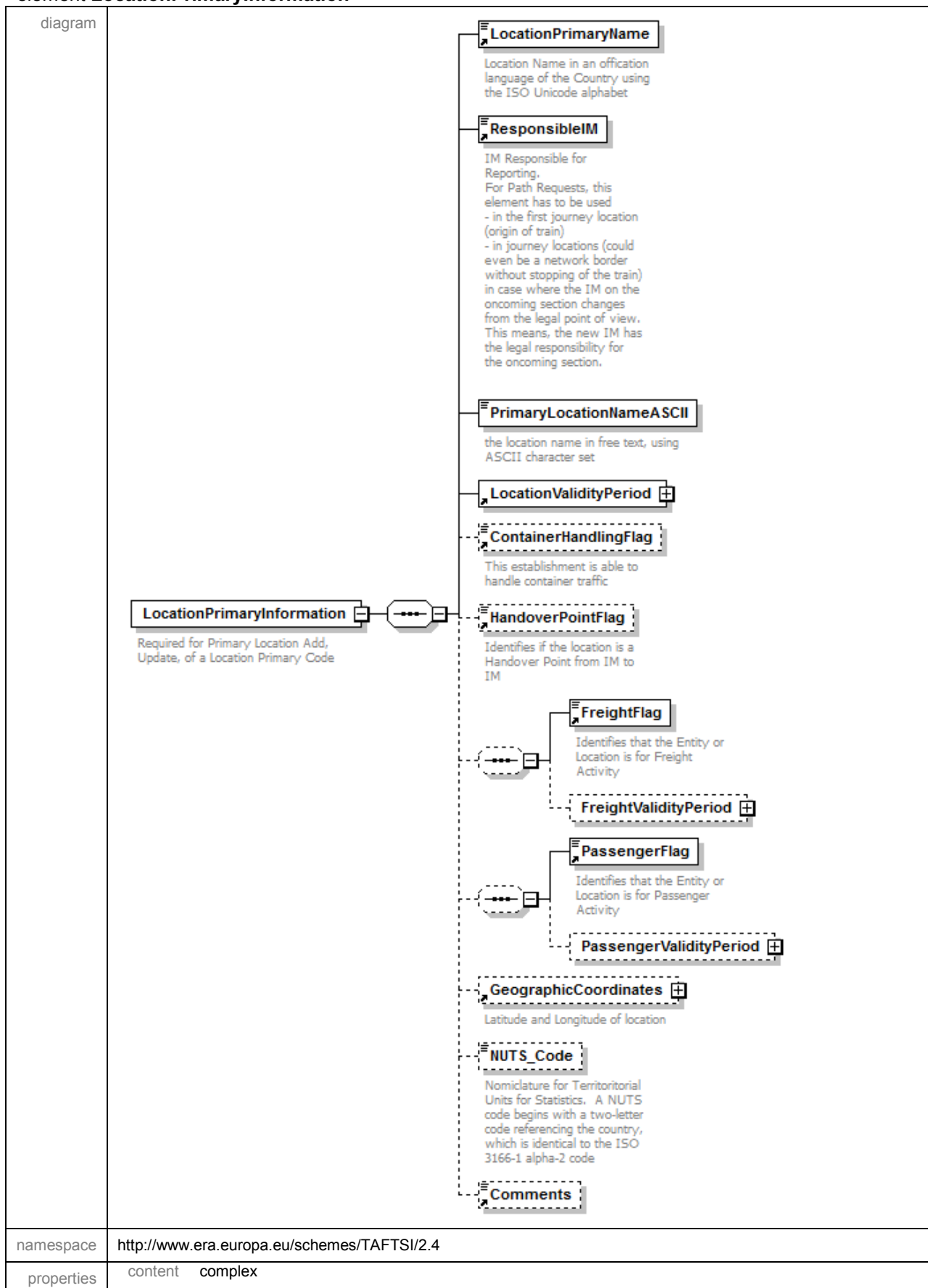
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Location ModificationStatusIndicator TrainLocationStatus BookedLocationDateTime
used by	element TrainJourneyModification
annotation	documentation This element shows the Location that has been changed for 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 **LocationPlannedTrack**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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**

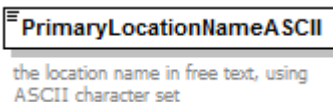
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	Numeric1-5
properties	content simple
used by	element LocationFileDatasetMessage complexType LocationIdent
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
source	<code><xs:element name="LocationPrimaryCode" type="Numeric1-5"/></code>

element **LocationPrimaryInformation**

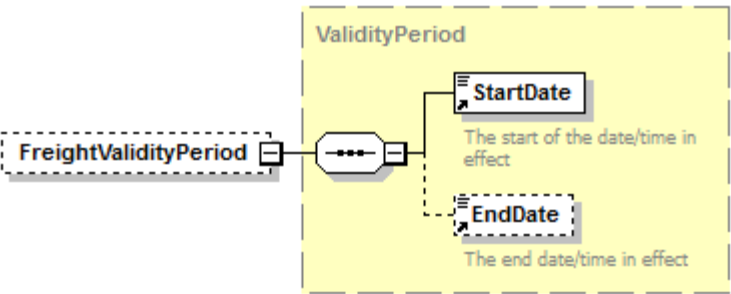
children	LocationPrimaryName ResponsibleIM PrimaryLocationNameASCII LocationValidityPeriod ContainerHandlingFlag HandoverPointFlag FreightFlag FreightValidityPeriod PassengerFlag PassengerValidityPeriod GeographicCoordinates NUTS_Code Comments
used by	element LocationFileDatasetMessage
annotation	documentation 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="LocationValidityPeriod"/> <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="ValidityPeriod" minOccurs="0"/> </xs:sequence> <xs:sequence minOccurs="0"> <xs:element ref="PassengerFlag"/> <xs:element name="PassengerValidityPeriod" type="ValidityPeriod" 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"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Comments" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

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

element LocationPrimaryInformation/PrimaryLocationNameASCII

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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>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" value="1"/> value="255"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element LocationPrimaryInformation/FreightValidityPeriod

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	ValidityPeriod						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	complex
minOcc	0						
maxOcc	1						
content	complex						
children	StartDate EndDate						
source	<pre><xs:element name="FreightValidityPeriod" type="ValidityPeriod" minOccurs="0"/></pre>						

element **LocationPrimaryInformation/PassengerValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	ValidityPeriod
properties	minOcc 0 maxOcc 1 content complex
children	StartDate EndDate
source	<pre><xs:element name="PassengerValidityPeriod" type="ValidityPeriod" minOccurs="0"/></pre>

element **LocationPrimaryInformation/NUTS_Code**

diagram	<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> <div>NUTS_Code</div> <div>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</div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	<div><div>minOcc0</div><div>maxOcc1</div><div>contentsimple</div></div>									
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>50</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	50	
Kind	Value	Annotation								
minLength	1									
maxLength	50									
annotation	<div>documentation</div> <div>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</div>									
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	<div><div><div><div><div></div><div></div><div></div></div><div>LocationPrimaryName</div></div></div><div>Location Name in an offication language of the Country using the ISO Unicode alphabet</div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
used by	element LocationPrimaryInformation
annotation	documentation Location Name in an offication language of the Country using the ISO Unicode alphabet
source	<pre><xs:element name="LocationPrimaryName"> <xs:annotation> <xs:documentation>Location Name in an offication language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre>

element **LocationSubsidiaryCode**

diagram	<div> <div> 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" </div> <div> attributes LocationSubsidiaryTypeCode <p>New codes added:</p> 42 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). 43 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 44 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 45 Sewage dump Place for cleaning purposes - disposal of the waste 46 Refuelling Point Location where refuelling takes place 47 Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating 48 Water Supply Location where water supply can be provided for the rolling stock 49 Compressed plant Train on a track with motion stabled with external air supply for braking systems 50 Indoor cleaning platform Cleaning point -interior 51 Car-wash plant Cleaning point -outdoor 52 Short dry-cleaning track Cleaning point 53 Pollution protective plate Track where floor that avoids pollution of the earth below 54 Sand-filling station Location where sand is filled 55 Repair track Location where a train/wagon/engine can be repaired 56 Signal box The location of a building containing signalling equipment </div> </div>					
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4					
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			documentation
						New codes added: 42 DIUM stations - Places of acceptance/delivery Station open into

		<p>international traffic of goods (tariff point included in DIUM) – consignment acceptance/delivery station (loading points are excluded and covered by TypeCode 37). 43</p> <p>Passenger cars public loading Is a type of physical location on the open access network where passengers can put their car on a carrying train 44</p> <p>Passenger cars private loading Is a type of physical location outside the open access network where passengers can put their car on a carrying train 45</p> <p>Sewage dump Place for cleaning purposes - disposal of the waste 46</p> <p>Refuelling Point Location where refuelling takes place 47</p> <p>Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating 48</p> <p>Water Supply Location where water supply can be provided for the rolling stock 49</p> <p>Compressed plant Train on a track with motion stabled with external air supply for braking systems 50</p> <p>Indoor cleaning platform Cleaning point -interior 51</p> <p>Car-wash plant Cleaning point -outdoor 52</p> <p>Short dry-cleaning track Cleaning point 53</p> <p>Pollution protective plate Track where floor that avoids pollution of the earth below</p>
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		<p>54 Sand- filling station Location where sand is filled</p> <p>55 Repair track Location where a train/wagon/engine can be repaired</p> <p>56 Signal box The location of a building containing signalling equipment</p>
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	LocationSubsidiaryCode AllocationCompany LocationSubsidiaryName
used by	complexType LocationIdent
annotation	documentation Code, Name and allocation company of Subsidiary Location

source	<pre> <xs:element name="LocationSubsidiaryIdentification"> <xs:annotation> <xs:documentation>Code, Name and allocation company of Subsidiary Location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationSubsidiaryCode"/> <xs:element ref="AllocationCompany"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--------	--

element LocationSubsidiaryInformation

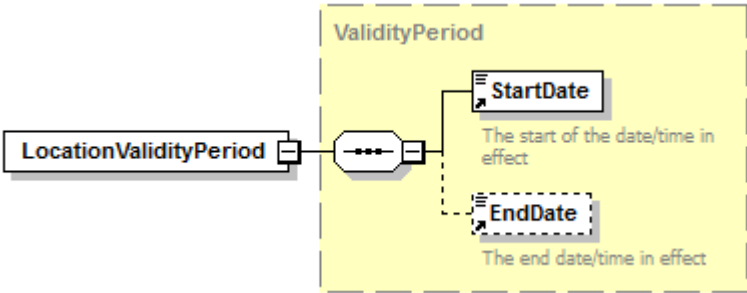
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	LocationSubsidiaryCode LocationSubsidiaryName AllocationCompany LocationValidityPeriod Comments GeographicCoordinates
used by	element LocationFileDatasetMessage
annotation	documentation Required for Add, 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"/> </pre>

	<pre> <xs:element ref="LocationSubsidiaryName"/> <xs:element ref="AllocationCompany"/> <xs:element ref="LocationValidityPeriod"/> <xs:element ref="Comments" minOccurs="0"/> <xs:element ref="GeographicCoordinates" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **LocationSubsidiaryName**

diagram	<div><div><div>LocationSubsidiaryName</div></div><div>To be completed in an official language of the Country using the ISO Unicode alphabet</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	FreeText									
properties	content simple									
used by	elements LocationSubsidiaryIdentification LocationSubsidiaryInformation									
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 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 **LocationValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	ValidityPeriod
properties	content complex
children	StartDate EndDate
used by	elements LocationPrimaryInformation LocationSubsidiaryInformation
source	<pre> <xs:element name="LocationValidityPeriod" type="ValidityPeriod"/> </pre>

element **LocoNumber**

diagram	<div><div><div>LocoNumber</div></div><p>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	content simple									
used by	element TrainCompositionJourneySection/Locoldent									
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	<p>documentation</p> <p>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</p>									
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" value="12"/> value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LocoTypeNumber**

diagram	<p>LocoTypeNumber is a complex type containing the following elements:</p> <ul style="list-style-type: none"> 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: 3 digits representing the serial number of the traction of the series. Not used in Planning 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/2.4
properties	content complex
children	TypeCode1 TypeCode2 CountryCode SeriesNumber SerialNumber ControlDigit
used by	elements TrainCompositionJourneySection/LocIdent TractionDetails
source	<pre> <xs:element name="LocoTypeNumber"> <xs:complexType> <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: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> <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="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[0-9]"/> </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"/> <xs:maxLength value="4"/> <xs:pattern value="[0-9]{4}" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SerialNumber"> <xs:annotation> <xs:documentation>3 digits representing the serial number of the traction of the series. Not used in Planning</xs:documentation> </xs:annotation> <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"> <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> <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>

```

        </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"/>
          <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>3 digits representing the serial number of the
traction of the series. 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="3"/>

```

	<pre> <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	<div><div>TypeCode1</div><p>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</p></div>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4															
type	restriction of xs:string															
properties	content simple															
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>1</td><td></td></tr><tr><td>whiteSpace</td><td>replace</td><td></td></tr><tr><td>pattern</td><td>[9]</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	1		whiteSpace	replace		pattern	[9]	
Kind	Value	Annotation														
minLength	1															
maxLength	1															
whiteSpace	replace															
pattern	[9]															
annotation	documentation Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756															
source	<pre><xs:element name="TypeCode1"> <xs:annotation> <xs:documentation>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[9]"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

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

element **LocoTypeNumber/TypeCode2**

diagram	<div><div>TypeCode2</div><div>Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</div></div>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4															
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>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></tbody></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> <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**

element 2007/756:portNumber/CountryCode																	
diagram	<div></div> <p>Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</p>																
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4																
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	<div><div>SeriesNumber</div><p>4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</p></div>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4															
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>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></tbody></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	<p>documentation</p> <p>4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</p>															
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**

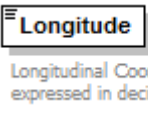
diagram	<div><div><div>SerialNumber</div></div><div>3 digits representing the serial number of the traction of the series. Not used in Planning</div></div>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4															
type	restriction of xs:string															
properties	content simple															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>3</td><td></td></tr><tr><td>maxLength</td><td>3</td><td></td></tr><tr><td>whiteSpace</td><td>replace</td><td></td></tr><tr><td>pattern</td><td>[0-9]{3}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	3		maxLength	3		whiteSpace	replace		pattern	[0-9]{3}	
Kind	Value	Annotation														
minLength	3															
maxLength	3															
whiteSpace	replace															
pattern	[0-9]{3}															
annotation	<div>documentation</div> <div>3 digits representing the serial number of the traction of the series. Not used in Planning</div>															
source	<pre><xs:element name="SerialNumber"> <xs:annotation> <xs:documentation>3 digits representing the serial number of the traction of the series. 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="3"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="3"/> <xs:pattern value="[0-9]{3}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element **LocoTypeNumber/ControlDigit**

diagram	<div><div><div>ControlDigit</div></div><div>1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning</div></div>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:string		
properties	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	<xs:element	name="ControlDigit">	

	<pre> <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>
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element Longitude


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:float
properties	content simple
used by	element GeographicCoordinates
annotation	documentation Longitudinal Coordinates as expressed in decimal degrees
source	<pre> <xs:element name="Longitude" type="xs:float"> <xs:annotation> <xs:documentation>Longitudinal Coordinates as expressed in decimal degrees</xs:documentation> </xs:annotation> </xs:element> </pre>

element MaxAxleWeight

diagram	<div><div><div>≡</div><div>MaxAxleWeight</div></div><div>Indicates the maximum design axle weight (to).</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:decimal									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet 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></pre>									

	<pre> <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

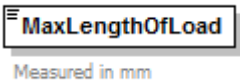
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><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 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	<div><div><div>☰</div><div>MaxGrossWeight</div></div><div>Weight of max Gross Load Weight plus the tare weight of the equipment</div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
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></table>	Kind	Value	Annotation	minInclusive	0	
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

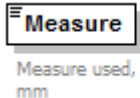
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:integer		
properties	content	simple	
used by	element	RollingStockDataset/DesignDataSet	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	999999	
annotation	documentation	Measured in mm	
source	<pre><xs:element name="MaxLengthOfLoad"> <xs:annotation> <xs:documentation>Measured in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element MaxTemp


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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>0</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99									

annotation	documentation 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										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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/2.4
properties	content complex
children	MessageReference MessageRoutingID SenderReference Sender MessageDateTimeCreated Recipient
used by	<p>elements</p> <p>AlertMessage ChangeofTrackMessage ConsignmentOrderMessage ErrorMessage LocationFileDatasetMessage PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage RollingStockDatasetMessage RollingStockDatasetQueryMessage TrainCompositionMessage TrainDelayCauseMessage TrainForecastAtReportingLocationMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage WagonArrivalNoticeMessage WagonDeliveryNoticeMessage WagonDepartureNoticeMessage WagonDeviationMessage WagonETI ETA Message WagonExceptionMessage WagonExceptionReasonMessage WagonInterchangeNoticeMessage WagonInterchangeSubNoticeMessage WagonReceivedAtInterchangeMessage WagonRefusedAtInterchangeMessage WagonReleaseNoticeMessage WagonYardArrivalMessage WagonYardDepartureMessage</p>
annotation	documentation Used for all messages
source	<pre><xs:element name="MessageHeader"> <xs:annotation> <xs:documentation>Used for all messages</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre>

	<div><xs:element <xs:element <xs:element <xs:element <xs:element </xs:sequence> </xs:complexType> </xs:element></div> <div>ref="MessageReference"/> ref="MessageRoutingID" minOccurs="0"/> ref="SenderReference" minOccurs="0"/> ref="Sender"/> ref="MessageDateTimeCreated" minOccurs="0"/> ref="Recipient"/></div>
--	---

element **MessageIdentifier**

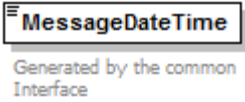
diagram	<div> Identification of the Message</div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	FreeText									
properties	content simple									
used by	element MessageReference									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</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	<pre><xs:element name="MessageIdentifier" type="FreeText"> <xs:annotation> <xs:documentation>Identification of the Message</xs:documentation> </xs:annotation> </xs:element></pre>									

element **MessageReference**

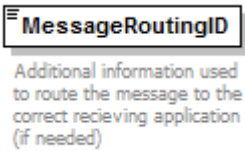
<div> <p>diagram</p> <p>MessageReference</p> <p>This element identifies the message</p> </div>	<div> <p>MessageType</p> <p>To indicate the message type transmitted or referred to. The following list was agreed within the sector:</p> <ul style="list-style-type: none"> 1100 ConsignmentOrderMessage 2001 PathCanceledMessage 2002 PathConfirmedMessage 2003 PathDetailsMessage 2004 PathDetailsRefusedMessage 2005 PathNotAvailableMessage 2006 PathRequestMessage 2007 ReceiptConfirmationMessage -- sector messages (Planning) -- 2500 PathCoordinationMessage 2501 PathSectionNotificationMessage -- sector message end -- 3003 TrainCompositionMessage 3006 TrainReadyMessage 4001 TrainDelayCauseMessage 4004 TrainRunningForecastMessage 4005 TrainRunningInformationMessage 4006 TrainRunningInterruptionMessage -- sector message (Operations) -- 4500 PassengerTrainCompositionProcessMessage 4501 RollingStockRestrictionMessage 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage -- sector message end -- 5001 AlertMessage 5002 WagonArrivalNoticeMessage 5003 WagonDeliveryNoticeMessage 5004 WagonDepartureNoticeMessage 5006 WagonETI_ET_A_Message 5007 WagonExceptionMessage 5008 WagonExceptionReasonMessage 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage 5014 WagonReleaseNoticeMessage 5015 WagonYardArrivalMessage 5016 WagonYardDepartureMessage 6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage --sector (RU-RU) -- 5500 WagonPerformanceMessage -- sector end-- 6004 RollingStockDatasetQueryMessage -- sector (TrainID) begin -- 8500 UpdateLinkMessage 8501 ObjectInfoMessage -- sector end -- 9000 ErrorMessage <p>MessageTypeVersion</p> <p>Version of the Message Type</p> <p>MessageIdentifier</p> <p>Identification of the Message</p> <p>MessageDateTime</p> <p>Generated by the common Interface</p> </div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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/2.4
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	<div>documentation</div> <div>Additional information used to route the message to the correct recieving application (if needed)</div>									
source	<div><xs:element name="MessageRoutingID" type="Numeric2-2"></div> <div><xs:annotation></div> <div><xs:documentation>Additional information used to route the message to the correct recieving application (if needed)</xs:documentation></div> <div></xs:annotation></div> <div></xs:element></div>									

element **MessageType**


diagram	<p>MessageType</p> <p>To indicate the message type transmitted or referred to. The following list was agreed within the sector:</p> <p>1000 ConsignmentOrderMessage</p> <p>2001 PathCanceledMessage</p> <p>2002 PathConfirmedMessage</p> <p>2003 PathDetailsMessage</p> <p>2004 PathDetailsRefusedMessage</p> <p>2005 PathNotAvailableMessage</p> <p>2006 PathRequestMessage</p> <p>2007 ReceiptConfirmationMessage</p> <p>-- sector messages (Planning) --</p> <p>2500 PathCoordinationMessage</p> <p>2501 PathSectionNotificationMessage</p> <p>-- sector message end --</p> <p>3003 TrainCompositionMessage</p> <p>3006 TrainReadyMessage</p> <p>4001 TrainDelayCauseMessage</p> <p>4004 TrainRunningForecastMessage</p> <p>4005 TrainRunningInformationMessage</p> <p>4006 TrainRunningInterruptionMessage</p> <p>-- sector message (Operations) --</p> <p>4500 PassengerTrainCompositionProcessMessage</p> <p>4501 RollingStockRestrictionMessage</p> <p>4504 ChangeOfTrackMessage</p> <p>4505 TrainJourneyModificationMessage</p> <p>-- sector message end --</p> <p>5001 AlertMessage</p> <p>5002 WagonArrivalNoticeMessage</p> <p>5003 WagonDeliveryNoticeMessage</p> <p>5004 WagonDepartureNoticeMessage</p> <p>5006 WagonETI_ET_A_Message</p> <p>5007 WagonExceptionMessage</p> <p>5008 WagonExceptionReasonMessage</p> <p>5009 WagonInterchangeNoticeMessage</p> <p>5012 WagonReceivedAtInterchangeMessage</p> <p>5013 WagonRefusedAtInterchangeMessage</p> <p>5014 WagonReleaseNoticeMessage</p> <p>5015 WagonYardArrivalMessage</p> <p>5016 WagonYardDepartureMessage</p> <p>6002 LocationFileDatasetMessage</p> <p>6003 RollingStockDatasetMessage</p> <p>--sector (RU-RU) --</p> <p>5500 WagonPerformanceMessage</p> <p>-- sector end--</p> <p>6004 RollingStockDatasetQueryMessage</p> <p>-- sector (TrainID) begin --</p> <p>8500 UpdateLinkMessage</p> <p>8501 ObjectInfoMessage</p> <p>-- sector end --</p> <p>9000 ErrorMessage</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 --
	3003			TrainCompositionMessage
	3006			TrainReadyMessage
	4001			TrainDelayCauseMessage
	4004			TrainRunningForecastMessage
	4005			TrainRunningInformationMessage
	4006			TrainRunningInterruptionMessage
	--	sector	message	(Operations) --
	4500		PassengerTrain	CompositionProcessMessage
	4501			RollingStockRestrictionMessage
	4504			ChangeOfTrackMessage
	4505			TrainJourneyModificationMessage
	--	sector	message	end --
	5001			AlertMessage
	5002			WagonArrivalNoticeMessage
	5003			WagonDeliveryNoticeMessage
	5004			WagonDepartureNoticeMessage
	5006			WagonETI_ETA_Message
	5007			WagonExceptionMessage
	5008			WagonExceptionReasonMessage
	5009			WagonInterchangeNoticeMessage
	5012			WagonReceivedAtInterchangeMessage
	5013			WagonRefusedAtInterchangeMessage
	5014			WagonReleaseNoticeMessage
	5015			WagonYardArrivalMessage
	5016			WagonYardDepartureMessage
	6002			LocationFileDatasetMessage
	6003			RollingStockDatasetMessage
	--sector		(RU-RU)	---
	5500			WagonPerformanceMessage
	--		sector	end---
	6004			RollingStockDatasetQueryMessage
	--	sector	(TrainID)	begin --
	8500			UpateLinkMessage
	8501			ObjectInfoMessage
	--	sector		end --
	9000			ErrorMessage


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 -- sector messages (Planning) -- 2500 PathCoordinationMessage 2501 PathSectionNotificationMessage -- sector message end -- 3003 TrainCompositionMessage 3006 TrainReadyMessage 4001 TrainDelayCauseMessage 4004 TrainRunningForecastMessage 4005 TrainRunningInformationMessage 4006 TrainRunningInterruptionMessage -- sector message (Operations) -- 4500 PassengerTrainCompositionProcessMessage 4501 RollingStockRestrictionMessage 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage -- sector message end -- 5001 AlertMessage 5002 WagonArrivalNoticeMessage 5003 WagonDeliveryNoticeMessage 5004 WagonDepartureNoticeMessage 5006 WagonETI_ETA_Message 5007 WagonExceptionMessage 5008 WagonExceptionReasonMessage 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage 5014 WagonReleaseNoticeMessage 5015 WagonYardArrivalMessage 5016 WagonYardDepartureMessage 6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage --sector (RU-RU) --- 5500 WagonPerformanceMessage -- sector end--- 6004 RollingStockDatasetQueryMessage </pre>
--------	--

--	sector	(TrainID)	begin	--
8500			UdateLinkMessage	
8501			ObjectInfoMessage	
--	sector		end	--
9000			ErrorMessage	
<pre> </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**

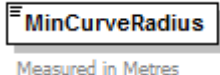
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	restriction of xs:string						
properties	content simple						
used by	element MessageReference						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>maxLength</td><td>25</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	25	
Kind	Value	Annotation					
maxLength	25						
annotation	documentation Version of the Message Type						
source	<pre><xs:element name="MessageTypeVersion"> <xs:annotation> <xs:documentation>Version of the Message Type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="25"/> </xs:simpleType> </xs:element></pre>						

element **MinBrakedWeightPercent**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:integer
properties	content simple

used by	element PlannedTrainTechnicalData		
facets	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

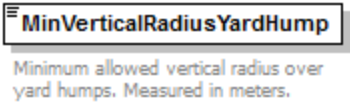
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</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> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element MinTemp

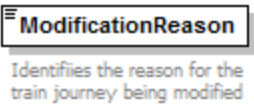
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4

type	restriction of xs:int		
properties	content	simple	
used by	element	RollingStockDataset/DesignDataSet/TemperatureRange	
facets	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" value="-99"/> <xs:restriction value="0"/> </xs:simpleType> </xs:element></pre>		

element **MinVerticalRadiusYardHump**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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/2.4		
type	DelayCode		
properties	content	simple	
used by	element	TrainJourneyModificationMessage	
facets	Kind	Value	Annotation
	enumeration	11	
	enumeration	10	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	18	
	enumeration	19	
	enumeration	20	
	enumeration	21	
	enumeration	22	
	enumeration	23	
	enumeration	24	
	enumeration	25	
	enumeration	28	
	enumeration	29	
	enumeration	31	
	enumeration	30	
	enumeration	32	
	enumeration	39	
	enumeration	40	
	enumeration	41	
	enumeration	50	
	enumeration	51	
	enumeration	52	
	enumeration	53	
	enumeration	54	
	enumeration	58	
	enumeration	59	
	enumeration	60	
	enumeration	61	
	enumeration	62	
	enumeration	63	
	enumeration	64	
	enumeration	68	
	enumeration	70	
	enumeration	69	
	enumeration	71	
	enumeration	80	

	enumeration 81 enumeration 82 enumeration 83 enumeration 84 enumeration 89 enumeration 90 enumeration 91 enumeration 92 enumeration 93 enumeration 94 enumeration 95
annotation	documentation Identifies the reason for the train journey being modified
source	<pre> <xs:element name="ModificationReason" type="DelayCode"> <xs:annotation> <xs:documentation>Identifies the reason for the train journey being modified</xs:documentation> </xs:annotation> </xs:element> </pre>

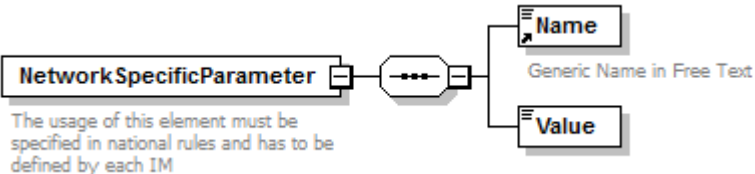
element **ModificationStatusIndicator**

diagram	<div><div><div>☰</div><div>ModificationStatusIndicator</div></div><p>This elemnt shows if the location has been added or deleted in the modified train journey</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
used by	element LocationModified									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
annotation	documentation This elemnt shows if the location has been added or deleted in the modified train journey									
source	<pre><xs:element name="ModificationStatusIndicator"> <xs:annotation> <xs:documentation>This elemnt shows if the location has been added or deleted in the modified train journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

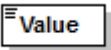
element **Name**

diagram	<div><div><div>Name</div></div><div>Generic Name in Free Text</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	FreeText									
properties	content simple									
used by	elements AdministrativeContactInformation Customer RollingRoadUnit/RollingRoadUnitDetails/Haulier NetworkSpecificParameter									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Generic Name in Free Text									
source	<xs:element name="Name" type="FreeText"> <xs:annotation> <xs:documentation>Generic Name in Free Text</xs:documentation> </xs:annotation> </xs:element>									

element **NetworkSpecificParameter**

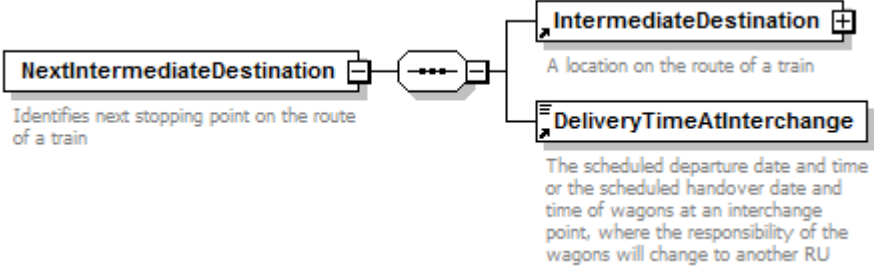
diagram	 <p>The usage of this element must be specified in national rules and has to be defined by each IM</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Name Value
used by	elements AffectedSection PathDetailsMessage PathRequestMessage PlannedJourneyLocation
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**

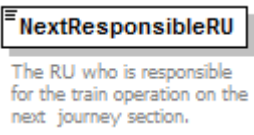
diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	FreeText		
properties	content	simple	
used by	elements	Height Length Width	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	
source	<xs:element name="Value" type="FreeText"/>		

element **NextIntermediateDestination**

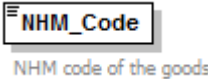
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	IntermediateDestination DeliveryTimeAtInterchange
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation Identifies next stopping point on the route of a train
source	<pre><xs:element 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			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	CompanyCode		
properties	content	simple	

used by	elements WIMO Dataset/ConsignmentLevelData ConsignmentOrderMessage/COMS/COM/DeliveryPoint		
facets	Kind	Value	Annotation
	minInclusive	0001	
	maxInclusive	9999	
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/2.4		
type	NHMCodeType		
properties	content	simple	
used by	elements	Goods GoodsInWagon / GoodsInContainer 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/2.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Noise level at stand still in decibels									
source	<pre><xs:element name="Noise"> <xs:annotation> <xs:documentation>Noise level at stand still in decibels</xs:documentation> </xs:annotation> </xs:element></pre>									

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

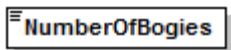
diagram	<div><div>NoiseByPassLimit</div><p>Noise limit on reference track</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Noise 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 **NumberOfAxes**

diagram	<div><div><div>NumberOfAxes</div><div>The sum of number of axes of all wagons and all traction units</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
used by	element 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 axes of all wagons and all traction units									
source	<xs:element name="NumberOfAxes"> <xs:annotation>									

	<pre> <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>
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element **NumberOfBogies**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:int		
properties	content	simple	
used by	element	RollingStockDataset/DesignDataSet	
facets	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	<div><div><div>NumberOfVehicles</div></div><div>The sum of number of wagons and number of traction units</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
used by	element 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></pre>									

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **ObjectType**

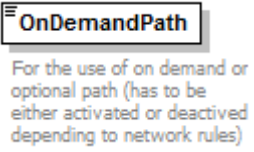
diagram	<div><div><div>≡</div><div>ObjectType</div></div><div>Provides a possibility for differentiation between the objects: Train, Path, Case Reference and Path Request</div></div>																								
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4																								
type	restriction of xs:string																								
properties	content simple																								
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType																								
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{2}</td><td></td></tr><tr><td>enumeration</td><td>TR</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></table>	Kind	Value	Annotation	minLength	2		maxLength	2		pattern	[0-9A-Z]{2}		enumeration	TR		enumeration	PA		enumeration	CR		enumeration	PR	
Kind	Value	Annotation																							
minLength	2																								
maxLength	2																								
pattern	[0-9A-Z]{2}																								
enumeration	TR																								
enumeration	PA																								
enumeration	CR																								
enumeration	PR																								
annotation	<div>documentation</div> <div>Provides a possibility for differentiation between the objects: Train, Path, Case Reference and Path Request</div>																								
source	<pre><xs:element name="ObjectType"> <xs:annotation> <xs:documentation>Provides a possibility for differentiation between the objects: Train, Path, Case Reference and Path Request</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="PA"/> <xs:enumeration value="CR"/> <xs:enumeration value="PR"/> </xs:restriction> </xs:simpleType> </xs:element></pre>																								

element **Offset**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:integer
properties	content simple
used by	element TimingAtLocation/Timing
source	<code><xs:element name="Offset" type="xs:integer"/></code>

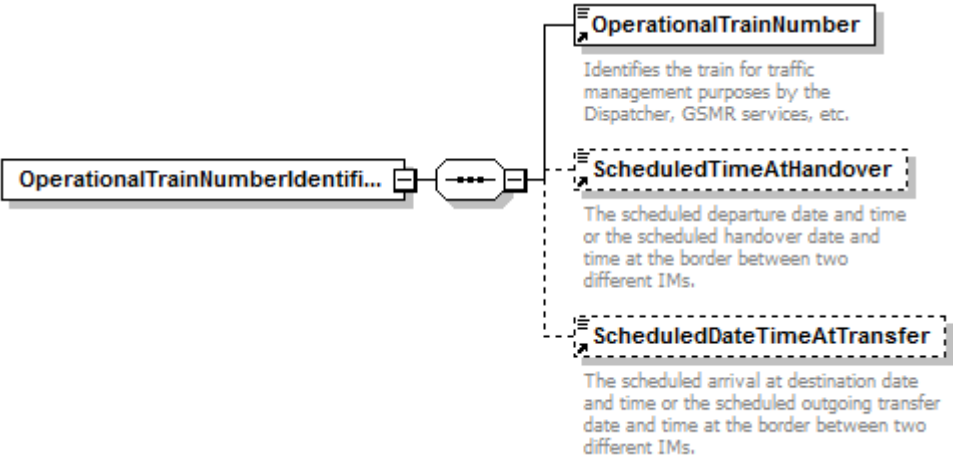
element OnDemandPath

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 OperationalTrainNumber

diagram	<div><div><div>OperationalTrainNumber</div></div><div>Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	String1-8									
properties	content simple									
used by	elements AffectedSection OperationalTrainNumberIdentifier PlannedJourneyLocation WagonInterchangeNoticeMessage WagonInterchangeSubNoticeMessage									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>8</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
annotation	documentation Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.									
source	<pre><xs:element name="OperationalTrainNumber" type="String1-8"> <xs:annotation> <xs:documentation>Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</xs:documentation> </xs:annotation> </xs:element></pre>									

element **OperationalTrainNumberIdentifier**

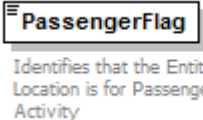
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	OperationalTrainNumber ScheduledTimeAtHandover ScheduledDateTimeAtTransfer
used by	elements ChangeofTrackMessage ReferenceOTN TrainAtLocation TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
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>

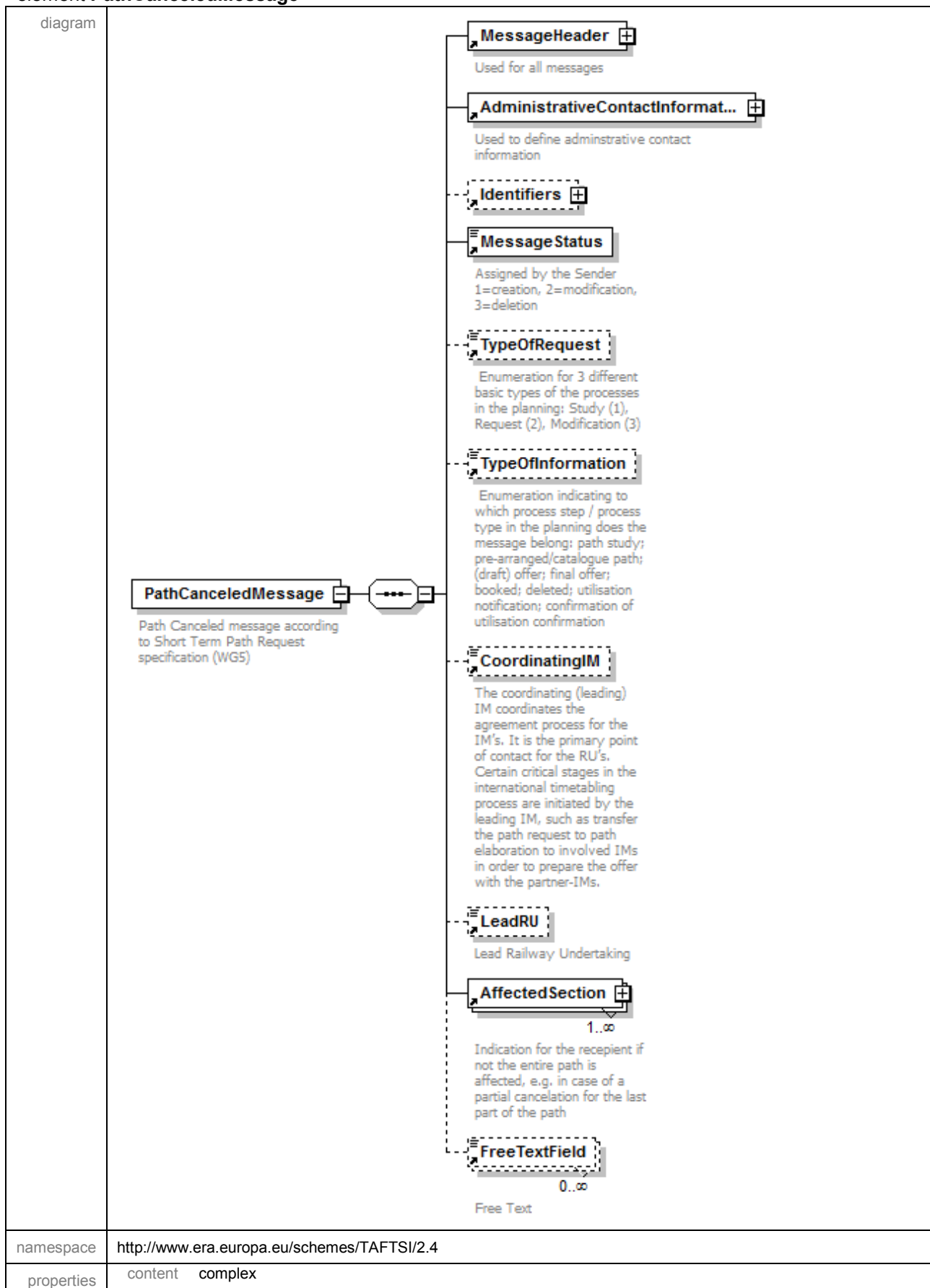
element **OriginCountry**

diagram	<div><div><div><div><div></div><div>OriginCountry</div></div></div><div>Code of origin country of the UTI.</div></div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
type	restriction of CountryIdentISO												
properties	content simple												
used by	elements ITU_Details Wagons/WagonDetails												
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>pattern</td><td>[A-Z][A-Z]</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	2		maxLength	2		pattern	[A-Z][A-Z]	
Kind	Value	Annotation											
minLength	2												
maxLength	2												
pattern	[A-Z][A-Z]												
annotation	<div>documentation Code of origin country of the UTI.</div> <div>documentation CODE: ISO-3166-2</div>												
source	<xs:element name="OriginCountry">												

	<pre><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>
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element PassengerFlag

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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>

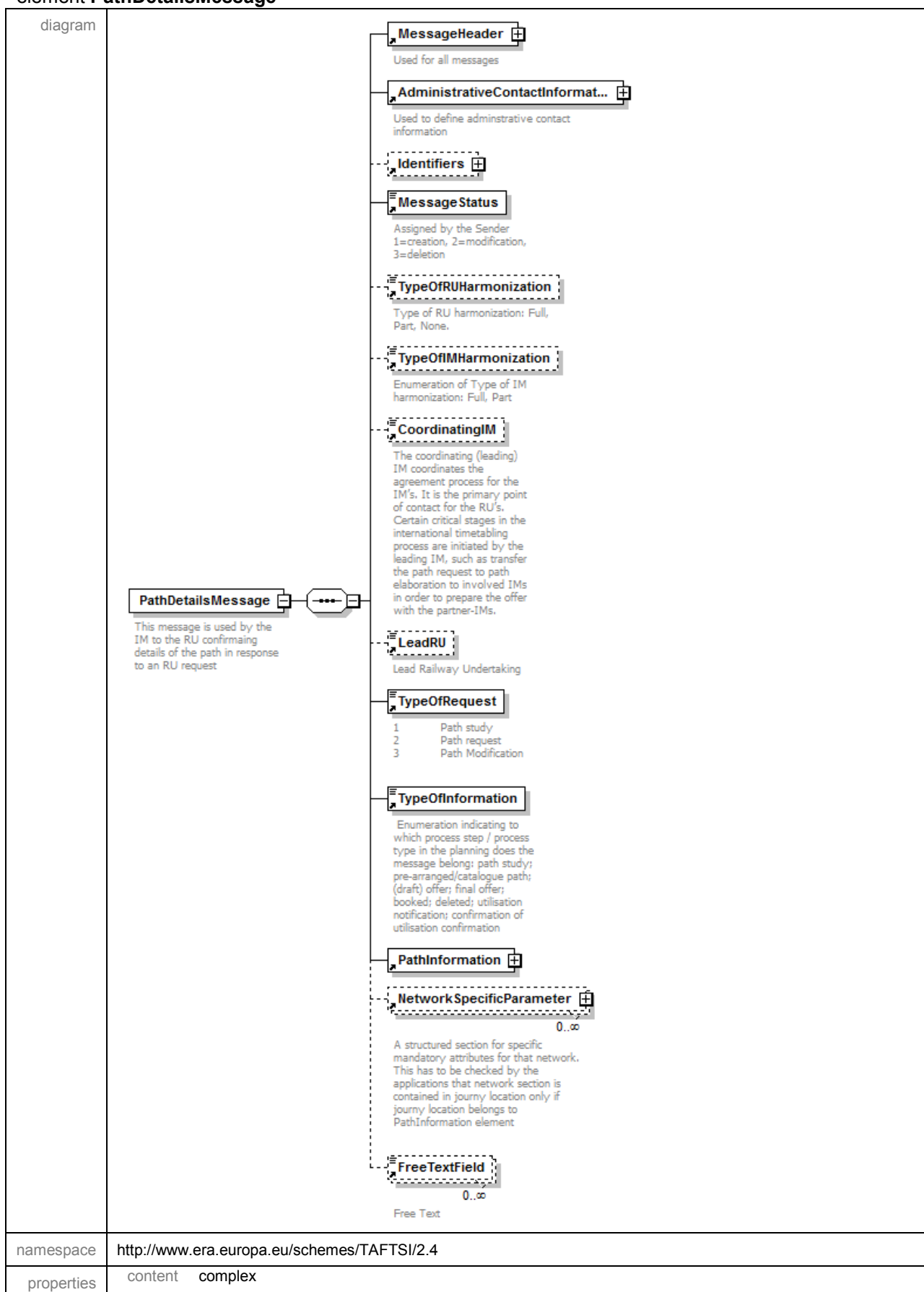
element **PathCanceledMessage**

children	MessageHeader AdministrativeContactInformation Identifiers MessageStatus TypeOfRequest 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="MessageStatus"/> <xs:element ref="TypeOfRequest" 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	<p>PathConfirmedMessage</p> <p>This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RU's Original Request</p> <p>MessageHeader Used for all messages</p> <p>AdministrativeContactInformation Used to define administrative contact information</p> <p>Identifiers</p> <p>MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion</p> <p>TypeOfRequest Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)</p> <p>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</p> <p>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.</p> <p>LeadRU Lead Railway Undertaking</p> <p>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</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers MessageStatus TypeOfRequest TypeOfInformation CoordinatingIM LeadRU AffectedSection
annotation	documentation This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RU's

	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="MessageStatus"/> <xs:element ref="TypeOfRequest" 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 **PathDetailsMessage**

children	MessageHeader AdministrativeContactInformation Identifiers MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest 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="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="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**

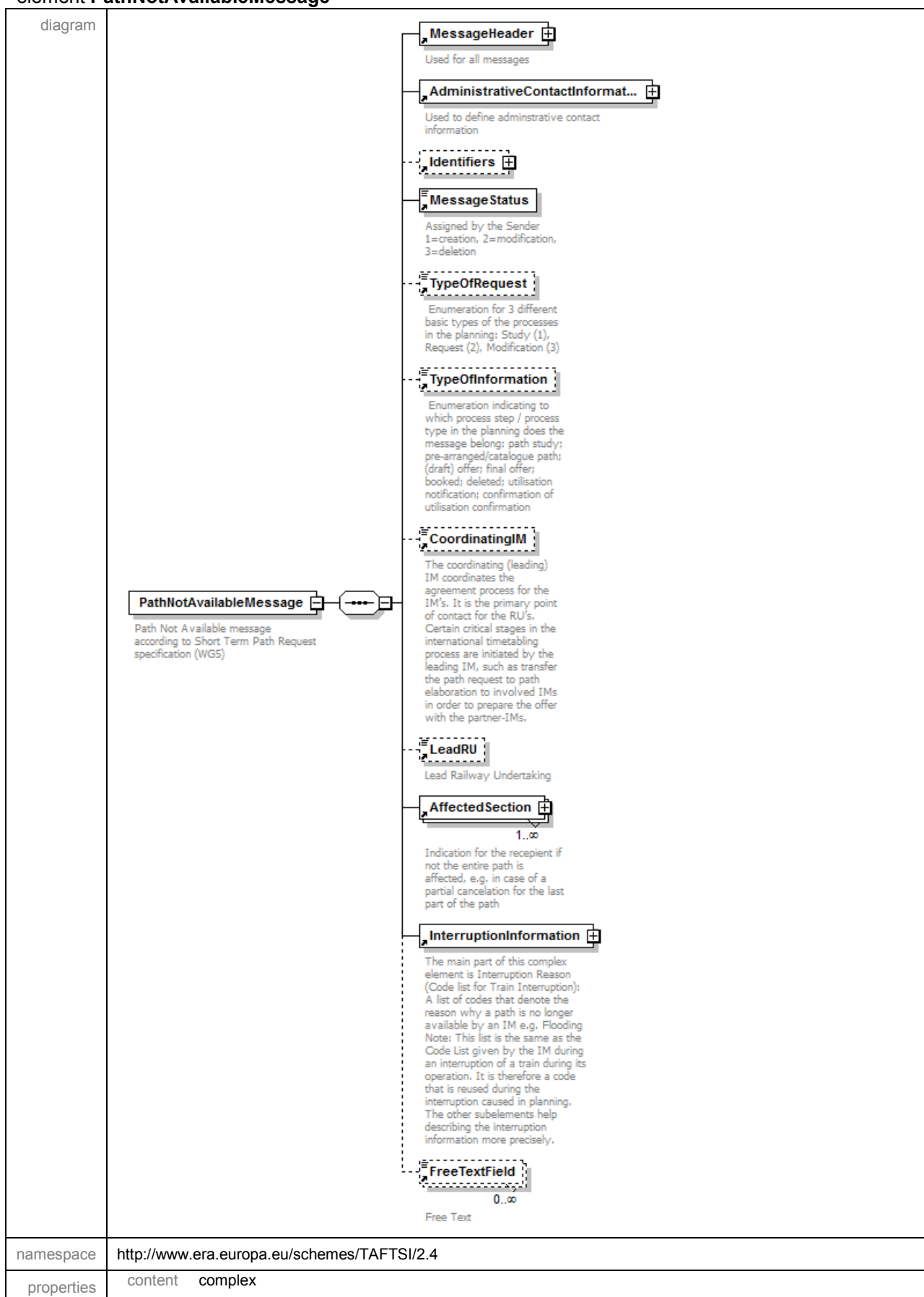
diagram	<p>PathDetailsRefusedMessage</p> <p>This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable</p> <ul style="list-style-type: none"> MessageHeader (+) <ul style="list-style-type: none"> Used for all messages AdministrativeContactInformation (+) <ul style="list-style-type: none"> Used to define administrative contact information Identifiers (+) <ul style="list-style-type: none"> Message Status <ul style="list-style-type: none"> Assigned by the Sender 1=creation, 2=modification, 3=deletion TypeOfRequest <ul style="list-style-type: none"> Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3) TypeOfInformation <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Lead Railway Undertaking RevisedRequest <ul style="list-style-type: none"> Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer. AffectedSection (+) <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 0..∞ Free Text
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex

children	MessageHeader AdministrativeContactInformation Identifiers MessageStatus TypeOfRequest 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="MessageStatus"/> <xs:element ref="TypeOfRequest" 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"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

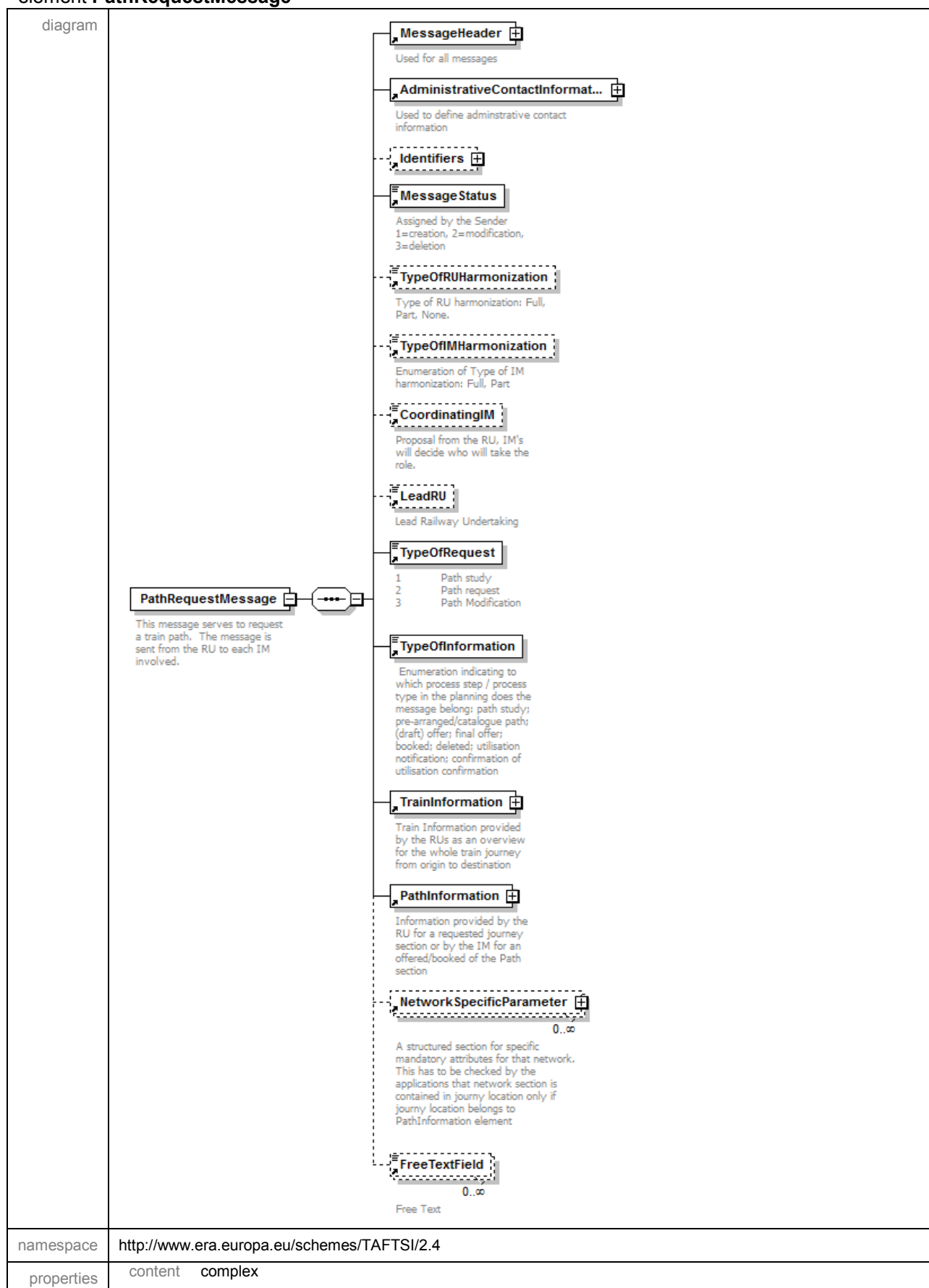
element **PathInformation**

diagram	<pre> classDiagram class PathInformation { PlannedJourneyLocation 2..∞ PlannedCalendar 1 RequestedCalendar 1 } class PlannedJourneyLocation { Any operation point along the train journey } class PlannedCalendar { This is the calendar item for path request/path details messages - used in planning phase } class RequestedCalendar { subset of the requested calendar } PathInformation --> PlannedJourneyLocation PathInformation --> PlannedCalendar PathInformation --> RequestedCalendar </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	PlannedJourneyLocation PlannedCalendar RequestedCalendar
used by	elements PathDetailsMessage PathRequestMessage
source	<pre> <xs:element name="PathInformation"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre><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**

children	MessageHeader AdministrativeContactInformation Identifiers MessageStatus TypeOfRequest 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="MessageStatus"/> <xs:element ref="TypeOfRequest" 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**

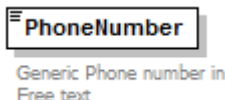
children	MessageHeader AdministrativeContactInformation Identifiers MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest TypeOfInformation TrainInformation PathInformation NetworkSpecificParameter FreeTextField
annotation	documentation This message serves to request 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="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="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" 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:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element PermittedTolerance

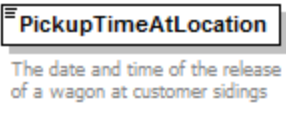
diagram	<div><div><div>PermittedTolerance</div></div><div>Permitted tolerance after date of overhaul (in months)</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99									
annotation	documentation 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

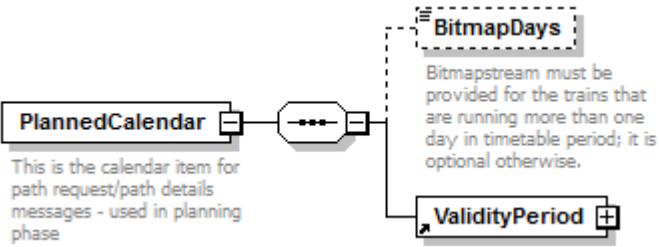
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	CommunicationRefID									
properties	content simple									
used by	element AdministrativeContactInformation									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>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>									

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

element PickupTimeAtLocation

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
annotation	documentation The date and time of the release of a wagon at customer sidings
source	<pre><xs:element name="PickupTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The date and time of the release of a wagon at customer sidings</xs:documentation> </xs:annotation> </xs:element></pre>

element PlannedCalendar

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	BitmapDays ValidityPeriod
used by	elements AffectedSection PathInformation TrainInformation
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 name="BitmapDays" minOccurs="0"> <xs:annotation> <xs:documentation>Bitmapstream must be provided for the trains that are running more than one day in timetable period; it is optional otherwise.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre>

	<pre> <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> <xs:element ref="ValidityPeriod"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **PlannedCalendar/BitmapDays**

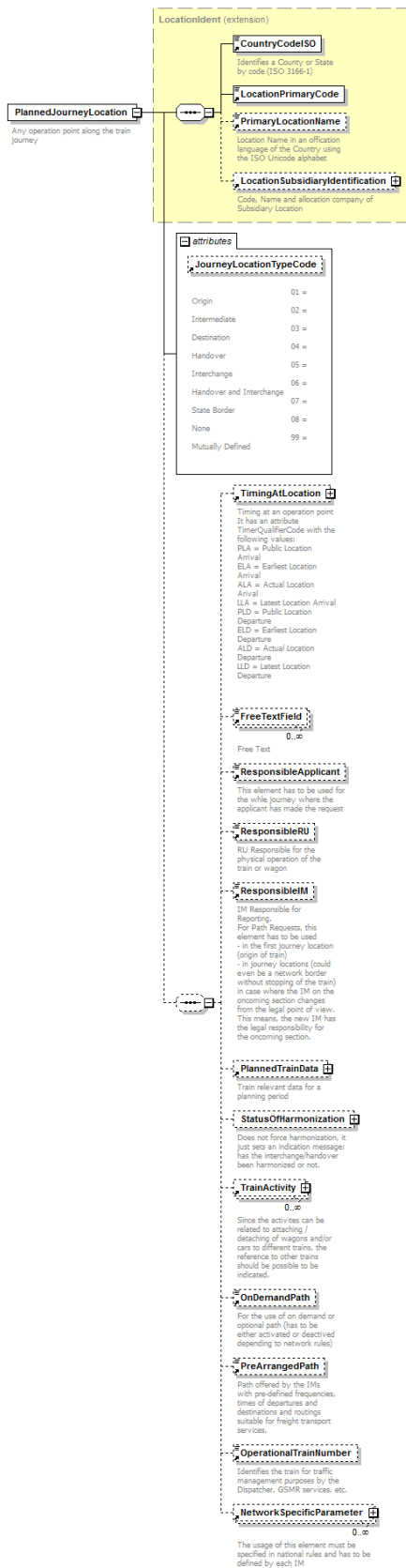
diagram	<div><div><div>BitmapDays</div></div><div>Bitmapstream must be provided for the trains that are running more than one day in timetable period; it is optional otherwise.</div></div>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4															
type	restriction of xs:string															
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>															
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>740</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr><tr><td>pattern</td><td>[0-1]{1,740}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	740		whiteSpace	collapse		pattern	[0-1]{1,740}	
Kind	Value	Annotation														
minLength	1															
maxLength	740															
whiteSpace	collapse															
pattern	[0-1]{1,740}															
annotation	<div>documentation</div> <div>Bitmapstream must be provided for the trains that are running more than one day in timetable period; it is optional otherwise.</div>															
source	<pre><xs:element name="BitmapDays" minOccurs="0"> <xs:annotation> <xs:documentation>Bitmapstream must be provided for the trains that are running more than one day in timetable period; 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 **PlannedDateNextOverhaul**

diagram	<div><div><div>PlannedDateNextOverhaul</div></div><p>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.</p></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:date
properties	content simple
used by	element RollingStockDataset/DesignDataSet
annotation	<p>documentation</p> <p>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.</p>
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/2.4>type extension of [LocationIdent](#)

properties	content complex																																																																																			
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification TimingAtLocation FreeTextField ResponsibleApplicant ResponsibleRU ResponsibleIM PlannedTrainData StatusOfHarmonization TrainActivity OnDemandPath PreArrangedPath OperationalTrainNumber NetworkSpecificParameter																																																																																			
used by	elements PathInformation TrainInformation																																																																																			
attributes	<table><tr><td>Name</td><td>Type</td><td>Use</td><td>Default</td><td>Fixed</td><td colspan="2">Annotation</td></tr><tr><td>JourneyLocationTypeCode</td><td>derived by: xs:token</td><td></td><td></td><td></td><td colspan="2">documentation</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>01 =</td><td>Origin</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>02 =</td><td>Intermediate</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>03 =</td><td>Destination</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>04 =</td><td>Handover</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>05 =</td><td>Interchange</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>06 =</td><td>Handover and Interchange</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>07 =</td><td>State Border</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>08 =</td><td>None</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>99 =</td><td>Mutually Defined</td></tr></table>							Name	Type	Use	Default	Fixed	Annotation		JourneyLocationTypeCode	derived by: xs:token				documentation							01 =	Origin						02 =	Intermediate						03 =	Destination						04 =	Handover						05 =	Interchange						06 =	Handover and Interchange						07 =	State Border						08 =	None						99 =	Mutually Defined
Name	Type	Use	Default	Fixed	Annotation																																																																															
JourneyLocationTypeCode	derived by: xs:token				documentation																																																																															
					01 =	Origin																																																																														
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					03 =	Destination																																																																														
					04 =	Handover																																																																														
					05 =	Interchange																																																																														
					06 =	Handover and Interchange																																																																														
					07 =	State Border																																																																														
					08 =	None																																																																														
					99 =	Mutually Defined																																																																														
annotation	documentation Any operation point along the train journey																																																																																			
source	<pre><xs:element name="PlannedJourneyLocation"> <xs:annotation> <xs:documentation>Any operation point along the train journey </xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence <xs:element ref="TimingAtLocation" minOccurs="0"> <xs:element ref="FreeTextField" minOccurs="0"> maxOccurs="unbounded"/> <xs:element ref="ResponsibleApplicant" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </xs:element></pre>																																																																																			

```

<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:element          ref="TrainActivity"          minOccurs="0"
maxOccurs="unbounded"/>
<xs:element          ref="OnDemandPath"          minOccurs="0"/>
<xs:element          ref="PreArrangedPath"       minOccurs="0"/>
<xs:element          ref="OperationalTrainNumber" minOccurs="0"/>
<xs:element          ref="NetworkSpecificParameter" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute          ref="JourneyLocationTypeCode"/>
</xs:extension>
</xs:complexContent>
</xs:complexType>
</xs:element>

```

element **PlannedJourneyLocation/StatusOfHarmonization**

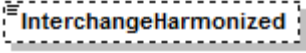
diagram	<p>StatusOfHarmonization</p> <p>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</p> <p>HandoverHarmonized</p> <p>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</p> <p>InterchangeHarmonized</p> <p>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> </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	<p>HandoverHarmonized</p> <p>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</p>
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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**

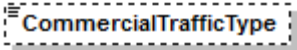
diagram	 <p>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation RU indicates 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 **PlannedTrainData**

diagram	<p>TrainType</p> <p>1 Passenger train Commercial train with passenger coaches or trainsets Empty run of Train with passenger coaches or trainsets Including Crew train (for Train Crew Members) 2 Freight train Train with freight wagons 3 Light engine (locomotive train). One or more engines without any carriages 4 Engineering train Train for measurement, maintenance, instructions, homologation, etc 0 Other Train types that are not covered with the four codes given above can be codified as "other" in the messages Passenger with Freight - military trains, the Overnight Express; Royalty, Head of States</p> <p>TrafficType</p> <p>information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)</p> <p>TypeofService</p> <p>Information about the services available on a train. Used for publication towards the passenger</p> <p>CommercialTrafficType</p> <p>PlannedTrainTechnicalData</p> <p>Shows the relevant technical data for a running train</p> <p>ExceptionalGaugingIdent</p> <p>0..∞</p> <p>Indicates that an exceptional Gauging is in the train or for the wagon</p> <p>DangerousGoodsIndication</p> <p>0..∞</p> <p>Identifies dangerous goods</p> <p>CombinedTrafficLoadProfile</p> <p>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): P1 requires the code in case the gauge of the semi-trailer is ≤ 2500 mm. P2 requires the code in case the gauge of the semi-trailer is > 2500 mm ≤ 2600 mm • The other option refers to "C" (Swap body): C1 requires the code in case the gauge of the swap body is ≤ 2550 mm. C2 requires the code in case the gauge of the swap body is > 2550 mm ≤ 2600 mm • 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. vValue for all 4 elements (P1, P2, C1, C2)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex

children	TrainType TrafficType TypeofService CommercialTrafficType PlannedTrainTechnicalData ExceptionalGaugingIdent DangerousGoodsIndication CombinedTrafficLoadProfile
used by	element PlannedJourneyLocation
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="TypeofService" minOccurs="0"/> <xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" 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 **PlannedTrainData/CommercialTrafficType**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	type7009BrandNameCodeList		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	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
		documentation 8
		documentation 0
enumeration	52	documentation AVE
		documentation AVE
		documentation AVE
		documentation 8
		documentation 0
enumeration	53	documentation EIL
		documentation EUROSTAR
		documentation Eurostar
		documentation 8
		documentation 0
enumeration	54	documentation
		documentation
		documentation Talgo
		documentation 9
		documentation 0
enumeration	55	documentation OTU
		documentation Oresundstog
		documentation

		Oresundstog documentation 10 documentation 0 documentation TGV documentation TGV documentation TGV Bruxelles – Lille / Province documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Geneve - Méditerranée documentation 8 documentation 0 documentation 58 documentation TRN documentation Intercités documentation Intercités documentation 9 documentation 0 documentation 59 documentation AE documentation ALLEGRO documentation Allegro documentation 8 documentation 0 documentation 60 documentation ECB documentation EuroCityBrenner documentation EuroCityBrenner documentation 9 documentation 0 documentation 62 documentation documentation documentation Suburban service documentation 12 documentation 0 documentation 63 documentation IC documentation Intercity documentation Intercity documentation 9
	enumeration 56	
	enumeration 57	
	enumeration 58	
	enumeration 59	
	enumeration 60	
	enumeration 62	
	enumeration 63	

	enumeration	64	documentation 0 documentation documentation documentation Hotel Train documentation 13 documentation 0 documentation
	enumeration	65	documentation Ferry documentation hydrofoil documentation 33 documentation 0 documentation IC documentation Intercity documentation Inter City Lyn documentation 9 documentation 0 documentation
	enumeration	66	documentation TRN documentation 10 documentation 0 documentation
	enumeration	67	documentation documentation International documentation 9 documentation 0 documentation
	enumeration	68	documentation documentation Express documentation 10 documentation 0 documentation EN documentation EuroNight documentation Euro Night documentation
	enumeration	69	documentation documentation Express documentation 10 documentation 0 documentation EN documentation EuroNight documentation Euro Night documentation
	enumeration	70	documentation documentation Express documentation 10 documentation 0 documentation EN documentation EuroNight documentation Euro Night documentation

		13 documentation
	enumeration 71	0 documentation HST documentation High-speed train documentation High-speed train documentation 8
	enumeration 72	documentation 0 documentation TRN documentation TRAIN documentation Train SNCF documentation 9
	enumeration 73	documentation 0 documentation TGV documentation TGV documentation TGV Sud-Est documentation 8
	enumeration 74	documentation 0 documentation TGV documentation TGV documentation TGV Atlantique documentation 8
	enumeration 75	documentation 0 documentation TGV documentation TGV documentation TGV Nord documentation 8
	enumeration 76	documentation 0 documentation TGV documentation LYRIA documentation TGL documentation 8
	enumeration 77	documentation 0 documentation TGV documentation TGV documentation TGV Duplex documentation 8
	enumeration 79	documentation 0 documentation

		TGV documentation
		TGV documentation
		TGV Est documentation
		8 documentation
		0 documentation
enumeration	80	TGV documentation
		TGV documentation
		TGV Interconnexion documentation
		8 documentation
		0 documentation
enumeration	81	TGV documentation
		RENFE-SNCF EN COOPERATION documentation
		Renfe-SNCF documentation
		8 documentation
		2 documentation
enumeration	82	documentation
		documentation
		THALYS documentation
		Thalys documentation
		8 documentation
		0 documentation
enumeration	83	documentation
		documentation
		Ferry documentation
		hovercraft documentation
		33 documentation
		0 documentation
enumeration	84	RE documentation
		regional train documentation
		Regional documentation
		11 documentation
		2 documentation
enumeration	85	WTE documentation
		Wilhelm Tell Express documentation
		Wilhelm Tell Express documentation
		10 documentation
		0 documentation
enumeration	86	CNL documentation
		City Night Line

	enumeration	87	documentation City Night Line documentation 13 documentation 0 documentation
	enumeration	88	documentation PENDOLINO documentation Pendolino documentation 8 documentation 0 documentation
			documentation
	enumeration	89	documentation Suburban documentation 12 documentation 3 documentation ALV documentation Alvia documentation Alvia documentation 8 documentation 0
	enumeration	90	documentation AVN documentation Avant documentation Avant documentation 8 documentation 0
	enumeration	91	documentation TER documentation TRAIN documentation Regional TER documentation 11 documentation 0
	enumeration	92	documentation REG documentation NSB Regiontog documentation NSB Regiontog documentation 37 documentation 0
	enumeration	93	documentation FB documentation FRECCIABIANCA documentation FRECCIABIANCA

		documentation 8
		documentation 0
enumeration	94	documentation SC
		documentation SuperCity
		documentation Supercity
		documentation 9
		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	98	documentation ESI
		documentation ES* Italia
		documentation Eurostar Italia
		documentation 8
		documentation 0
enumeration	97	documentation GB
		documentation ATOC MEMBER OPERATED SERVICE
		documentation ATOC MEMBER OPERATED SERVICE
		documentation 37
		documentation 0
enumeration	99	documentation
		documentation
		documentation Funicular
		documentation 15
		documentation 0
enumeration	100	documentation
		documentation
		documentation Airport train
		documentation 12

		documentation 0
enumeration	101	documentation Night train documentation 13
enumeration	102	documentation 0 documentation
		documentation
		documentation Touristic train documentation 9
enumeration	107	documentation 0 documentation
		documentation
		documentation Historical train, steam engine train documentation 16
enumeration	108	documentation 0 documentation IRE documentation IRE documentation Interregio-Express documentation 10
enumeration	109	documentation 0 documentation RB documentation RB documentation Regionalbahn documentation 11
enumeration	110	documentation 0 documentation RE documentation RE documentation Regional-Express documentation 11
enumeration	111	documentation 0 documentation RT documentation RT documentation RegioTram documentation 11
enumeration	112	documentation 0 documentation
		documentation

			documentation Shinkansen documentation 8 documentation 0 enumeration 113 documentation THT documentation TrainHotel Talgo documentation Train hotel talgo documentation 13 documentation 0 enumeration 114 documentation EUR documentation Euromed documentation Euromed documentation 9 documentation 0 enumeration 115 documentation ALR documentation Alaris documentation Alaris documentation 9 documentation 0 enumeration 116 documentation ALT documentation Altaria documentation Altaria documentation 9 documentation 0 enumeration 117 documentation ALC documentation Arco documentation Arco documentation 9 documentation 0 enumeration 119 documentation documentation documentation S-Bahn documentation 12 documentation 0 enumeration 120 documentation documentation
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	enumeration	122	documentation ICN documentation 9 documentation 0 documentation IR documentation IR documentation Interregional documentation 10 documentation 2
	enumeration	123	documentation
			documentation Interregional Night Train documentation 13 documentation 2 documentation
	enumeration	126	documentation
			documentation ARZ documentation 14 documentation 0 documentation ELP documentation ELIPSOS documentation ELIPSOS documentation 8 documentation 0
	enumeration	128	documentation ELP documentation ELIPSOS DUPLEX documentation ELIPSOS DUPLEX documentation 8 documentation 0
	enumeration	129	documentation ELP documentation ELIPSOS DUPLEX documentation ELIPSOS DUPLEX documentation 8 documentation 0
	enumeration	130	documentation BUS documentation IC Bus documentation Bus documentation 32 documentation 1
	enumeration	131	documentation BUS documentation IC Bus international documentation Bus

	enumeration	153	documentation 32 documentation 1 documentation
	enumeration	154	documentation special train documentation Sonderzug documentation 9 documentation 0 documentation
	enumeration	155	documentation InterCityRapid documentation 9 documentation 0 documentation
	enumeration	157	documentation InterPici documentation 9 documentation 0 documentation
	enumeration	158	documentation Fast train documentation 9 documentation 0 documentation
	enumeration	159	documentation Euregio documentation 11 documentation 0 documentation
	enumeration	160	documentation Bus documentation IC Ersatzbus documentation 32 documentation 0 documentation
			documentation Bus

		documentation IP Ersatzbus documentation 32 documentation 0 enumeration 161 documentation TGV documentation TGV-France Allemagne documentation TGV-France Allemagne documentation 8 documentation 0 enumeration 162 documentation
		documentation Bus documentation Replacement Bus documentation 32 documentation 0 enumeration 163 documentation TGV documentation LYRIA Duplex documentation TGV Duplex Lyria documentation 8 documentation 0 enumeration 164 documentation ESF documentation ES Fast documentation ES Fast documentation 8 documentation 3 enumeration 165 documentation EAF documentation ES AV Fast documentation Es AV Fast documentation 8 documentation 3 enumeration 166 documentation TGV documentation TGV Duplex France Allemagne documentation TGV Duplex France Allemagne documentation 8 documentation 1 enumeration 170 documentation YHT documentation YHT documentation High speed train in Turkey documentation

		8	documentation
		0	documentation
	enumeration	171	FA
			documentation
			FRECCIARGENTO
			documentation
			FRECCIARGENTO
			documentation
		8	documentation
		0	documentation
	enumeration	172	FR
			documentation
			FRECCIAROSSA
			documentation
			FRECCIAROSSA
			documentation
		8	documentation
		0	documentation
	enumeration	173	AP
			documentation
			Albula Panoramawagen
			documentation
			Albula Panoramawagen
			documentation
		10	documentation
		0	documentation
	enumeration	174	BEX
			documentation
			Bernina Express
			documentation
			Bernina Express (Panorama Train)
			documentation
		10	documentation
		0	documentation
	enumeration	175	GEX
			documentation
			Glacier Express
			documentation
			Glacier Express (Panorama Train)
			documentation
		10	documentation
		0	documentation
	enumeration	176	GP
			documentation
			Golden Pass
			documentation
			Golden Pass (Panorama Train)
			documentation
		10	documentation
		0	documentation
	enumeration	177	BNI
			documentation
			Bernina Panorama
			documentation
			Bernina Panorama
			documentation
		11	documentation
		1	documentation
	enumeration	200	documentation

			TGV documentation TGV documentation TGV France Luxembourg documentation 8 documentation 0 documentation ICE documentation ICE-Allemagne France documentation ICE Allemagne-France documentation 8 documentation 0 documentation
	enumeration	202	
	enumeration	203	
	enumeration	204	documentation ÖBB-NIGHTLINE documentation ÖBB Night Line documentation 13 documentation 0 documentation EAV documentation Eurostar Italia AV documentation Eurostar Italia AV documentation 8 documentation 3 documentation ICP documentation Intercity Plus documentation Intercity Plus documentation 9 documentation 3 documentation RID documentation Riviera Day documentation Riviera day documentation 9 documentation 0 documentation RIN documentation Riviera Night documentation Riviera night documentation 9 documentation 0 documentation ESC documentation Eurostar City
	enumeration	205	
	enumeration	206	
	enumeration	207	
	enumeration	208	

	enumeration	209	documentation Eurostar City documentation 8 documentation 0 documentation RJ documentation R A I L JET documentation Rail Jet documentation 9 documentation 0
	enumeration	210	documentation ICD documentation Intercity direct documentation Intercity direct documentation 8 documentation 2
	enumeration	213	documentation AZ documentation DB Autozug documentation DB Autozug documentation 14 documentation 0
	enumeration	214	documentation
	enumeration	215	documentation Berlin-Warszawa-Express documentation Berlin-Warszawa-Express documentation 8 documentation 0 documentation
	enumeration	216	documentation NMBS Nachtzug documentation NMBS Nachtzug documentation 13 documentation 0 documentation
	enumeration	219	documentation PRECIOS MERCADO documentation Precios Mercado documentation 9 documentation 0 documentation TGV documentation TGV documentation TGV

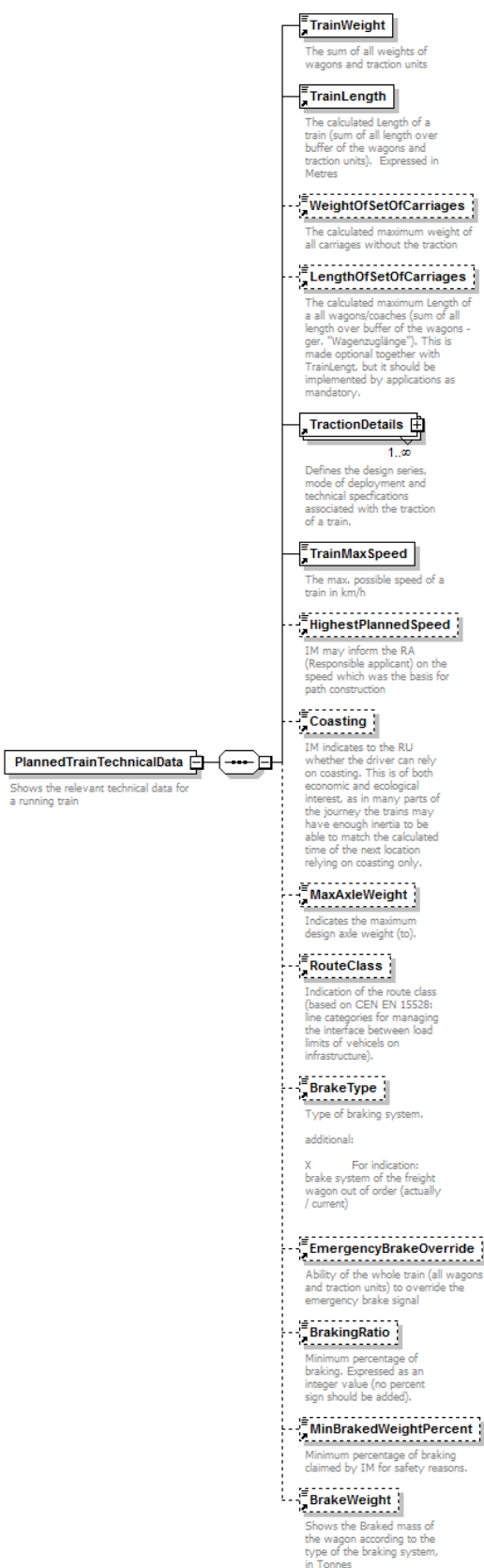
		documentation 8
		documentation 0
enumeration	222	documentation City Night Line Transferbus
		documentation 32
		documentation 0
enumeration	223	documentation FB
		documentation FB
		documentation FernBus
		documentation 32
		documentation 1
enumeration	224	documentation ICB
		documentation Intercitybus
		documentation ÖBB-Intercitybus
		documentation 32
		documentation 1
enumeration	225	documentation TLK
		documentation TLK train
		documentation Yours Rail Lines
		documentation 10
		documentation 1
enumeration	226	documentation A
		documentation RailBus
		documentation RailBus
		documentation 32
		documentation 1
enumeration	227	documentation BUS
		documentation Replacement bus for Regional Train
		documentation Replacement bus for Regional Train
		documentation 32
		documentation 1
enumeration	228	documentation IR
		documentation InterREGIO train
		documentation InterREGIO train
		documentation 10
		documentation 1
enumeration	229	documentation IRB
		documentation Replacement bus for InterRegio train

		documentation Replacement bus for InterRegio train documentation 32 documentation 1 documentation 230 MP documentation Fast International Train documentation Fast International Train documentation 10 documentation 1 enumeration 231 documentation MR documentation musicREGIO train documentation musicREGIO train documentation 11 documentation 1 enumeration 232 documentation Os documentation Stopping Train documentation Stopping Train documentation 11 documentation 1 enumeration 233 documentation P documentation Fast Train documentation Fast Train documentation 10 documentation 1 enumeration 234 documentation R documentation REGIO train documentation REGIO train documentation 11 documentation 1 enumeration 235 documentation RE documentation REGIOekspress train documentation REGIOekspress train documentation 10 documentation 1 enumeration 236 documentation VR documentation viaREGIO train documentation viaREGIO train documentation 11
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	<div>enumeration237<div>documentation1documentationTKdocumentationTurKoldocumentationTurKoldocumentation11documentation1documentationEIPdocumentationEIC PremiumdocumentationHigh-speed traindocumentation8documentation1documentationSKMdocumentationPKP SKM w TrojmiesciedocumentationPKP SKM w Trojmiesciedocumentation12documentation1</div></div> <div>enumeration238<div>documentationEIPdocumentationEIC PremiumdocumentationHigh-speed traindocumentation8documentation1documentationSKMdocumentationPKP SKM w TrojmiesciedocumentationPKP SKM w Trojmiesciedocumentation12documentation1</div></div> <div>enumeration239<div>documentationSKMdocumentationPKP SKM w TrojmiesciedocumentationPKP SKM w Trojmiesciedocumentation12documentation1</div></div>
source	<div><xs:elementname="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/></div>

element **PlannedTrainTechnicalData**

diagram

namespace <http://www.era.europa.eu/schemes/TAFTSI/2.4>

properties content complex

children	TrainWeight TrainLength WeightOfSetOfCarriages LengthOfSetOfCarriages TractionDetails TrainMaxSpeed HighestPlannedSpeed Coasting MaxAxleWeight RouteClass BrakeType EmergencyBrakeOverride BrakingRatio MinBrakedWeightPercent BrakeWeight
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="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:sequence> </xs:complexType> </xs:element> </pre>

element **PlannedTransportIdentifiers**

diagram	<p>CompositIdentifierPlannedType</p> <ul style="list-style-type: none"> ObjectType: Provides a possibility for differentiation between the objects: Train, Path, Case Reference and Path Request 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/2.4
type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements ErrorMessage Identifiers
source	<pre><xs:element name="PlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/></pre>

element **PostalCode**

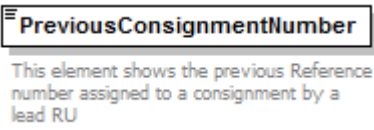
diagram	<div><div><div>PostalCode</div></div><div>The postal code for the postal address</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</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	<div><div><div>≡</div><div>PreArrangedPath</div></div><p>Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	content simple									
used by	element PlannedJourneyLocation									
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>9</td><td></td></tr></tbody></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>									

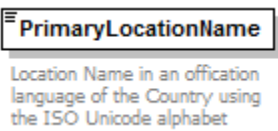
element PreviousConsignmentNumber

diagram	 <p>This element shows the previous Reference number assigned to a consignment by a lead RU</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	ConsignmentIdent
properties	content complex
used by	element WIMO Dataset/ConsignmentLevelData
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> </xs:annotation> </xs:element></pre>

element PreviousResponsibleRU

diagram	<div><div><div>PreviousResponsibleRU</div></div><p>This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	CompanyCode									
properties	content simple									
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint WIMO Dataset/ConsignmentLevelData									
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 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	 <p>Location Name in an offication language of the Country using the ISO Unicode alphabet</p>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
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 ProductionStation

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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>

element **Quantity**

diagram	<div><div><div><div></div><div>Quantity</div></div></div><div>Amount of the loading tackles of the specified type.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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	<pre><xs:element name="Quantity"> <xs:annotation> <xs:documentation>Amount of the loading tackles of the specified type.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ReceiptConfirmationMessage**

diagram	<p>ReceiptConfirmationMessage</p> <p>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.</p> <p>MessageHeader Used for all messages</p> <p>Identifiers</p> <p>TypeOfRequest Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)</p> <p>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</p> <p>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</p> <p>RelatedReference Identifies the message to which the actual message refers</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader Identifiers TypeOfRequest TypeOfInformation AffectedSection RelatedReference
annotation	<p>documentation</p> <p>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.</p>
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="TypeOfRequest" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> maxOccurs="unbounded"/> </pre>

	<pre> <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre>	ref="RelatedReference"/>
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element Recipient

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4					
type	extension of CompanyCode					
properties	content	complex				
used by	element	MessageHeader				
facets	Kind	Value	Annotation			
	minInclusive	0001				
	maxInclusive	9999				
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 <xs:annotation> <xs:documentation>Receiver of the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension <xs:attribute </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>					
	name="Recipient">					
	base="CompanyCode">					
	ref="CI_InstanceNumber"/>					

element ReferencedLocationDateTime

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4					
type	xs:dateTime					
properties	content	simple				

used by	elements TrainAtLocation TrainLocationReport
annotation	documentation Reference to original planned Date and Time agreed by all involved IMs and RUs.
source	<pre> <xs:element name="ReferencedLocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Reference to original planned Date and Time agreed by all involved IMs and RUs. </xs:documentation> </xs:annotation> </xs:element> </pre>

element ReferenceNumbers

diagram	<p>The diagram shows the structure of the ReferenceNumbers element. It is a complex element containing a sequence of 1 to 99 MovementReferenceNumber elements. Each MovementReferenceNumber is further detailed as being according to NCTS or ARC (Administrative Reference Code EMCS).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MovementReferenceNumber ARC
used by	elements ITU Details Wagons/WagonDetails
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" minOccurs="0"> <xs:element name="MovementReferenceNumber"> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MRN_Type"/> <xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </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>
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element ReferenceNumbers/MovementReferenceNumber


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> </pre>

	<pre> </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>
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element ReferenceNumbers/MovementReferenceNumber/MRN_Number

diagram	<div><div>MRN_Number</div><p>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>21</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	21	
Kind	Value	Annotation								
minLength	1									
maxLength	21									
annotation	documentation Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).									
source	<pre><xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ReferenceNumbers/ARC**

diagram	 <p>Administrative Reference CodeEMCS (Excise Movement and Control System)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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" value="21"/> </xs:simpleType> </xs:element> </pre>

element **ReferenceOTN**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	OperationalTrainNumberIdentifier
used by	elements ChangeofTrackMessage TrainAtLocation TrainCompositionMessage TrainDelayCauseMessage 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 **RefusalAtInterchange**

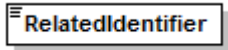
diagram	<p>The diagram shows the RefusalAtInterchange element containing a sequence of two child elements: Location and RefusalTimeAtInterchange. The Location element is described as 'Identifies a Location using a LocationIdent'. The RefusalTimeAtInterchange element is described as 'The Departure Date 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'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 **RefusalTimeAtInterchange**

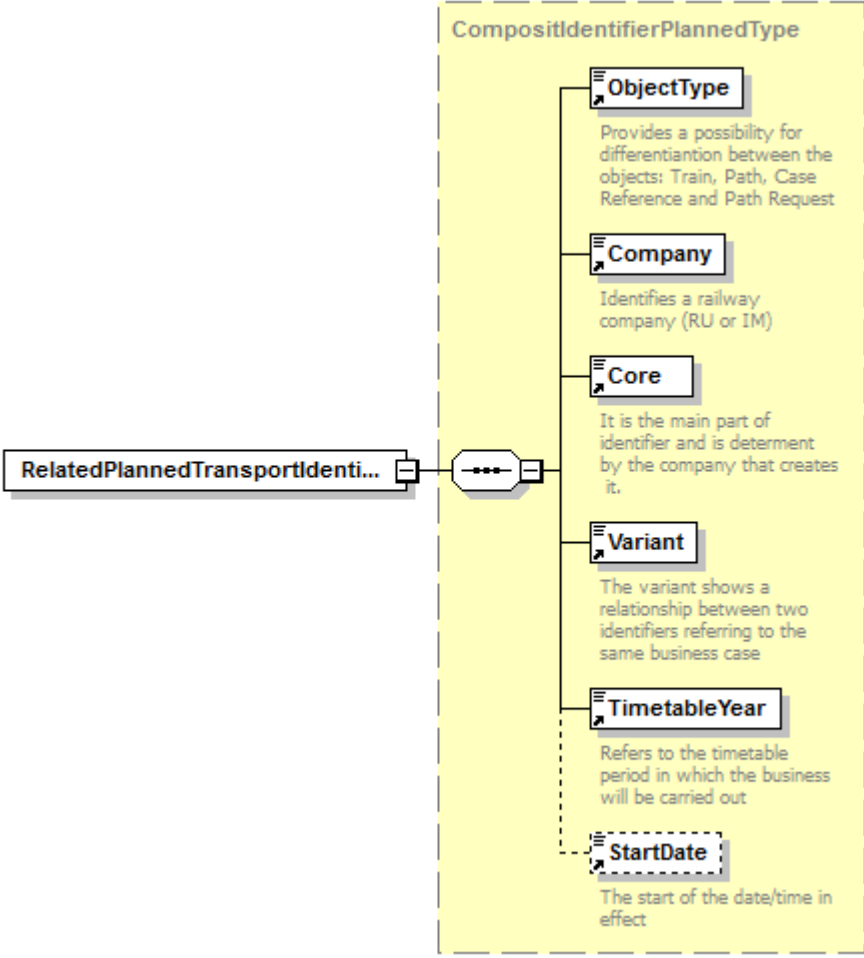
diagram	<p>The diagram shows the RefusalTimeAtInterchange element with the description: 'The Departure Date and Time or the handover Date and Time at an interchange point where teh responsibility was intended to change to another RU, but where the RU refused to take over the responsibility'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 </pre>

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

element RelatedIdentifier

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4

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/2.4
properties	content complex
children	RelatedType RelatedIdentifier RelatedSenderReference RelatedMessageDateTime
used by	elements ReceiptConfirmationMessage WagonDepartureNoticeMessage WagonDeviationMessage 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**

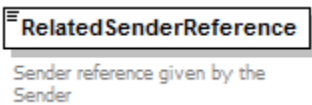
diagram	
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	MessageCode		
properties	content	simple	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	9999	
source	<xs:element name="RelatedType" type="MessageCode"/>		

element **RelatedReference/RelatedMessageDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
annotation	documentation Date Time of related message.
source	<pre><xs:element name="RelatedMessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date Time of related message. </xs:documentation> </xs:annotation> </xs:element></pre>

element **RelatedSenderReference**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	FreeText									
properties	content simple									
used by	element RelatedReference									
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>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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	FreeText
properties	content simple
used by	elements DelayCauseTime InterruptionPoint TrainJourneyModificationMessage

facets	Kind minLength maxLength	Value 1 255	Annotation
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/2.4		
properties	content	complex	
children	BitmapDays ValidityPeriod		
used by	element	PathInformation	
source	<pre><xs:element name="RequestedCalendar"> <xs:complexType> <xs:sequence> <xs:element name="BitmapDays" minOccurs="0"> <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> <xs:element ref="ValidityPeriod"/> </xs:sequence> </xs:complexType> </xs:element></pre>		

element RequestedCalendar/BitmapDays

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:string		
properties	minOcc maxOcc content	0 1 simple	
facets	Kind minLength maxLength	Value 1 740	Annotation

	whiteSpace collapse pattern [0-1]{1,740}
source	<pre> <xs:element name="BitmapDays" minOccurs="0"> <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 RequestedPeriod

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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/2.4
properties	content complex
children	StartDateTime EndTimeTime

annotation	documentation To specify a time period being requested
source	<pre> <xs:element name="RequestedTimeframe"> <xs:annotation> <xs:documentation>To specify a time period being requested</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime" minOccurs="0"/> <xs:element ref="EndDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element ResponsibilityActualSection

diagram	<p>ResponsibilityActualSection This element identifies the responsible RU or IM for the actual path section</p> <p>ResponsibleRU RU Responsible for the physical operation of the train or wagon</p> <p>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.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	ResponsibleRU ResponsibleIM
used by	element JourneySection
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 **ResponsibilityNextSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	ResponsibleRU ResponsibleIM
used by	element JourneySection
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 **ResponsibleApplicant**

diagram	<div><div><div><div><div></div><div>ResponsibleApplicant</div></div></div><div><div></div><div>This element has to be used for the whole journey where the applicant has made the request</div></div></div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	restriction of CompanyCode						
properties	content simple						
used by	element PlannedJourneyLocation						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0001</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0001	
Kind	Value	Annotation					
minInclusive	0001						

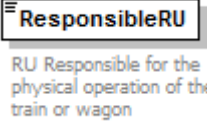
	maxInclusive 9999
annotation	documentation This element has to be used for the whole journey where the applicant has made the request
source	<pre> <xs:element name="ResponsibleApplicant"> <xs:annotation> <xs:documentation>This element has to be used for the whole journey where the applicant has made the request</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="CompanyCode"/> </xs:simpleType> </xs:element> </pre>

element ResponsibleIM

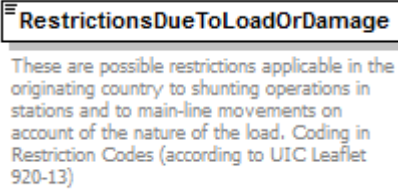
diagram	<div><div><div>ResponsibleIM</div></div><p>IM Responsible for Reporting. For Path Requests, this element has to be used</p><ul style="list-style-type: none">- in the first journey location (origin of train)- in journey locations (could even be a network border without stopping of the train) in 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.</div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	CompanyCode									
properties	content simple									
used by	elements LocationPrimaryInformation PlannedJourneyLocation ResponsibilityActualSection ResponsibilityNextSection									
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	<p>documentation</p> <p>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.</p>									
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>									

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

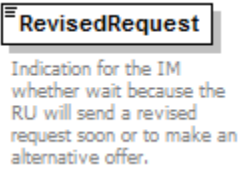
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	CompanyCode		
properties	content	simple	
used by	elements	ConsignmentOrderMessage/COMS/COM/AcceptancePoint PlannedJourneyLocation TrainDelayCauseMessage TrainRunningInformationMessage	
		ExceptionPoint ResponsibilityActualSection TrainReadyMessage ResponsibilityNextSection TrainRunningForecastMessage TrainRunningInterruptionMessage	
facets	Kind	Value	Annotation
	minInclusive	0001	
	maxInclusive	9999	
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 RestrictionsDueToLoadOrDamage

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	RestrictionCodes		
properties	content	simple	
used by	element	WagonOperationalData	
facets	Kind	Value	Annotation
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	15	
	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 52 enumeration 62 enumeration 63 enumeration 68 enumeration 70 enumeration 71 enumeration 90 enumeration 91 enumeration 92 enumeration 94 enumeration 99
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 RevisedRequest

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:boolean
properties	content simple

used by	element 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 **RID**

diagram	<p>RID</p> <p>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</p> <p>Law</p> <p>The law after which the RID data are declared.</p> <p>DangerousGoodsIndication</p> <p>Identifies dangerous goods</p> <p>TechnicalDescription</p> <p>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.</p> <p>ProperShippingName</p> <p>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"</p> <p>SpecialProvisionsRID</p> <p>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</p> <p>AdditionalProvisionsRID</p> <p>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</p> <p>ActionRequiredFromCarrier</p> <p>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</p> <p>WeightNettoExplosiveMass</p> <p>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</p> <p>ClassificationCode</p> <p>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.</p> <p>EmptyPackingCode</p> <p>Code of empty packing as described in RID 5.4.1.1.6.2</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex

children	Law DangerousGoodsIndication TechnicalDescription ProperShippingName SpecialProvisionsRID AdditionalProvisionsRID ActionRequiredFromCarrier WeightNettoExplosiveMass ClassificationCode EmptyPackingCode
used by	element Goods
annotation	documentation The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs
source	<pre> <xs:element name="RID"> <xs:annotation> <xs:documentation>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerousGoodsIndication"/> <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> <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> </pre>

```

        <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:annotation>
        <xs:documentation>Used for any global special provisions of chapter
5.4, that are not treated by other elements in this message</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="AdditionalProvisionsRID"          minOccurs="0">
    <xs:annotation>
        <xs:documentation>Used for any class related special provisions of
chapter 5.4, that are not treated by other elements in this
message</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="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          name="WeightNettoExplosiveMass"          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:simpleType>
        <xs:restriction                                base="xs:decimal">
            <xs:minInclusive                                value="0"/>
            <xs:fractionDigits                                value="1"/>
            <xs:totalDigits                                value="8"/>
        </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:restriction>
</xs:simpleType>
</xs:element>
<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:string">
      <xs:enumeration value="01">
        <xs:annotation>
          <xs:documentation>EMPTY PACKAGING</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="02">
        <xs:annotation>
          <xs:documentation>EMPTY CONTAINER</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="03">
        <xs:annotation>
          <xs:documentation>EMPTY IBC</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="04">
        <xs:annotation>
          <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="05">
        <xs:annotation>
          <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="06">
        <xs:annotation>
          <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

	<pre> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="09"> <xs:annotation> <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>EMPTY PORTABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>EMPTY VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <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 1e 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> </pre>
--	--

	<pre> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>EMPTY</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element RID/Law

diagram	<div><div><div>Law</div></div><div>The law after which the RID data are declared.</div></div>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4															
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>enumeration</td><td>2013</td><td></td></tr><tr><td>enumeration</td><td>2015</td><td></td></tr><tr><td>enumeration</td><td>2017</td><td></td></tr><tr><td>enumeration</td><td>2019</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	2013		enumeration	2015		enumeration	2017		enumeration	2019	
Kind	Value	Annotation														
enumeration	2013															
enumeration	2015															
enumeration	2017															
enumeration	2019															
annotation	<div>documentation</div> <div>The law after which the RID data are declared.</div>															
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:restriction> </xs:simpleType> </xs:element></pre>															

element RID/TechnicalDescription

diagram	 <p>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.</p>
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
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

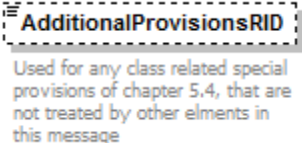
diagram	<div><div><div>ProperShippingName</div></div><p>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L, "EMPTY IBC" or "EMPTY LARGE PACKAGING"</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	<div><div>minOcc</div><div>0</div><div>maxOcc</div><div>1</div><div>content</div><div>simple</div></div>									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>350</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	<div>documentation</div> <p>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"</p>									
source	<div><xs:element name="ProperShippingName" minOccurs="0"></div> <div><xs:annotation></div> <div><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</div>									

	RECEPTACLE", "EMPTY RECEPTACLE <=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>
--	---

element RID/SpecialProvisionsRID

diagram	<div><div><div>SpecialProvisionsRID</div><div>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>350</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	<div>documentation</div> <div>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</div>									
source	<pre><xs:element name="SpecialProvisionsRID" minOccurs="0"> <xs:annotation> <xs:documentation>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</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/AdditionalProvisionsRID

diagram	 <p>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple

facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>350</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	<p>documentation</p> <p>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</p>									
source	<pre><xs:element name="AdditionalProvisionsRID" minOccurs="0"> <xs:annotation> <xs:documentation>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</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/ActionRequiredFromCarrier

diagram	<div><div><div><div></div><div></div><div></div></div><div>ActionRequiredFromCarrier</div><div>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of 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									
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	<div>documentation</div> <div>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</div>									
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/WeightNettoExplosiveMass

diagram	
---------	---

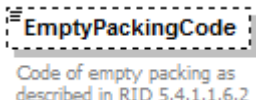
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:decimal		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minInclusive	0	
	totalDigits	8	
	fractionDigits	1	
annotation	documentation Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).		
source	<pre><xs:element name="WeightNettoExplosiveMass" 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:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:fractionDigits value="1"/> <xs:totalDigits value="8"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **RID/ClassificationCode**

diagram	<div><div><div>ClassificationCode</div></div><div>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.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	<div><div>minOcc</div><div>0</div><div>maxOcc</div><div>1</div><div>content</div><div>simple</div></div>									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>4</td><td>documentation present only with class 1</td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	4	documentation present only with class 1
Kind	Value	Annotation								
minLength	1									
maxLength	4	documentation present only with class 1								
annotation	<div>documentation</div> <div>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.</div> <div>documentation</div> <div>CODE: OTIF RID-Specification</div>									
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:element></pre>									

	<pre> </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	 <p>Code of empty packing as described in RID 5.4.1.1.6.2</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:string		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	01	documentation EMPTY PACKAGING
	enumeration	02	documentation EMPTY CONTAINER
	enumeration	03	documentation EMPTY IBC
	enumeration	04	documentation EMPTY LARGE PACKAGING
	enumeration	05	documentation EMPTY TANK-VEHICLE
	enumeration	06	documentation EMPTY TANK-WAGON
	enumeration	07	documentation EMPTY DETACHABLE TANK
	enumeration	08	documentation EMPTY DEMOUNTABLE TANK
	enumeration	09	documentation EMPTY TANK-CONTAINER
	enumeration	10	documentation EMPTY PORTABLE TANK
	enumeration	11	documentation EMPTY BATTERY-VEHICLE
	enumeration	12	documentation EMPTY BATTERY-WAGON
	enumeration	13	documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS
	enumeration	14	documentation EMPTY VEHICLE
	enumeration	15	documentation EMPTY WAGON
	enumeration	16	documentation EMPTY RECEPTACLE le 1000L
	enumeration	17	documentation EMPTY RECEPTACLE gt 1000L
	enumeration	18	documentation EMPTY
annotation	documentation Code of empty packing as described in RID 5.4.1.1.6.2 documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished		

	and approved.
source	<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:string"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>EMPTY PACKAGING</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>EMPTY CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>EMPTY IBC</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="05"> <xs:annotation> <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>EMPTY TANK-WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="09"> <xs:annotation> <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> </pre>

	<pre> <xs:documentation>EMPTY PORTABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>EMPTY VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>EMPTY WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE 1e 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 **RollingRoadUnit**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	RollingRoadUnitDetails Goods SummaryOfGoodsWithSameRID
used by	element Wagons
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:restriction> </xs:simpleType> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

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

element **RollingRoadUnit/RollingRoadUnitDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 </pre>


```

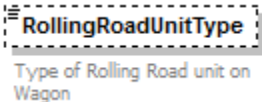
wagon</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="LoadingStatus"/>
    <xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Type of Rolling Road unit on
Wagon</xs:documentation>
        <xs:documentation>CODE:</xs:documentation>
        <xs:documentation>READ: <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="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/> -

```

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

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

element **RollingRoadUnit/RollingRoadUnitDetails/RollingRoadUnitType**

diagram																						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4																					
type	restriction of xs:string																					
properties	minOcc 0 maxOcc 1 content simple default HGZ																					
facets	<table border="1"> <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>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> </tbody> </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> <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	<p>Diagram illustrating the structure of the Vehicles element. It is a list of vehicles loaded (i.e. truck and trailer), with a cardinality of 0..2. The element contains two sub-elements: NumberPlate (Number plate of the vehicle.) and CountryCodeISO (Identifies a County or State by code (ISO 3166-1)).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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

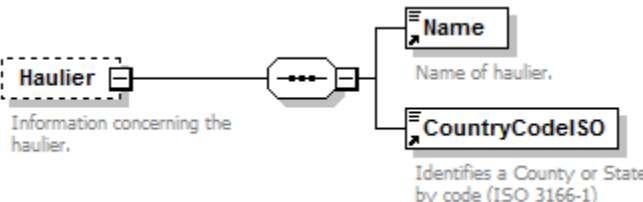
diagram	<div><div><div>NumberPlate</div></div><div>Number plate of the vehicle.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</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	<div>documentation Number plate of the vehicle.</div> <div>documentation READ:
 - Consignee</div> <div>documentation WRITE:
 - Consignor</div> <div>documentation AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</div>									
source	<pre><xs:element name="NumberPlate"> <xs:annotation> <xs:documentation>Number plate of the vehicle.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

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

element RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle

diagram	<div><div><div>TareWeightVehicle</div><div>Total weight [kg] of vehicle (truck and trailer).</div></div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
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	<div>documentation</div> <div>Total weight [kg] of vehicle (truck and trailer).</div>												
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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:sequence> </xs:complexType> </xs:element> </pre>


	<pre> <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre>	ref="CountryCodeISO"/>
--	--	------------------------

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants**

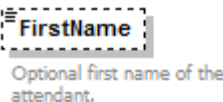
diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4	
properties	minOcc 0 maxOcc 2 content complex	
children	LastName FirstName	
annotation	documentation Attendants during the transport.	
source	<pre> <xs:element name="Attendants" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation>Attendants during the transport.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> <xs: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"/> </pre>	

	<pre> <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>	value="15"/>
--	---	--------------

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/LastName**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4	
type	restriction of xs:string	
properties	content	simple
facets	Kind	Value Annotation
	minLength	1
	maxLength	25
annotation	documentation Last name of attendant. documentation READ: - Consignee documentation WRITE: - Consignor documentation AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)	
source	<pre> <xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>	

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/FirstName**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4	
type	restriction of xs:string	
properties	minOcc	0
	maxOcc	1
	content	simple

facets	<div>Kind</div> <div>minLength</div> <div>Value</div> <div>1</div> <div>Annotation</div> <div>maxLength</div> <div>15</div>
annotation	<div>documentation</div> <div>Optional first name of the attendant.</div> <div>documentation</div> <div>READ:
 - Consignee</div> <div>documentation</div> <div>WRITE:
 - Consignor</div> <div>documentation</div> <div>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</div>
source	<pre> <xs:element name="FirstName" minOccurs="0"> <xs:annotation> <xs:documentation>Optional first name of the attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="1"/> <xs:restriction value="15"/> </xs:simpleType> </xs:element> </pre>

element RollingStockDataset

diagram	<p>Rolling Stock administrative and Technical Dataset</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	AdministrativeDataSet DesignDataSet
used by	elements RollingStockDatasetMessage WIMO Dataset
annotation	<div>documentation</div> <div>Rolling Stock administrative and Technical Dataset</div>
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 </pre>

```

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 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>

```

	<pre> <xs:element ref="KeeperShortNameVKM"> <xs:annotation> <xs:documentation>Vehicle Keeper Marking of the wagon keeper as listed in VKM register (http://www.era.europa.eu/Document- Register/Pages/list-VKM.aspx, 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" value="256"/> </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" value="256"/> </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"/> </pre>
--	--

2">	<xs:element name="TypeDocumentEIN" type="Numeric2-
31,	<xs:annotation> <xs:documentation>Code List Candidate:
	34</xs:documentation>
	</xs:annotation>
	</xs:element>
type="Numeric2-2"/>	<xs:element name="CounterAccreditedRecognizedBody"
	<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>
date</xs:documentation>	<xs:documentation>Certificate valid from
	</xs:annotation>
	</xs:element>
	<xs:element name="ECMCertificateValidTo" type="xs:date">
	<xs:annotation>
date</xs:documentation>	<xs:documentation>Certificate valid to
	</xs:annotation>
	</xs:element>
type="xs:boolean">	<xs:element name="CoversTankWagonsForDangerousGoods"
	<xs:annotation>
dangerous	<xs:documentation>Certificate covers tank wagons for goods</xs:documentation>
	</xs:annotation>
	</xs:element>
type="xs:boolean">	<xs:element name="CoversNonTankWagonsForDangerousGoods"
	<xs:annotation>
specialised in transport of dangerous goods</xs:documentation>	<xs:documentation>Certificate covers other wagons
	</xs:annotation>
	</xs:element>
type="xs:boolean">	<xs:element name="ECMCertificateSuspended"
	<xs:annotation>
been suspended for any reason</xs:documentation>	<xs:documentation>Identification if certificate has
	</xs:annotation>
	</xs:element>
type="xs:date"	<xs:element name="DateECMCertificateSuspended" 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">

	<pre> <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 bogies 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:element> <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> </pre>
--	---

```

</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>

```


additional	<pre> <xs:documentation>ISO country code of countries for 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 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> <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> <xs:element name="DerailmentDetectionDevice" </pre>
------------	---


```

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 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	side	flap	of	flat	wagon
02	=	Removable	end	flap	of	flat	wagon
03	=	Removable	intermediate	upright	for	securing	the load
04	=	Removable	Stanchion	chain			
05	=	Removable	handle and wheel	for winch	on car-carrying	wagon	
06	=	Swivelling	bolster	(with stanchions)			
07	=	Coupling	rod	(rigid coupling)			
08	=	Ice	bunker	screen			
09	=	Ice	bunker	frame			
10	=	Trestle	or bar	with hooks	for hanging	meat	
11	=	Movable	cross-member	of wagon	with low	loading	plane
12	=	Mooring	cross-member	on wagon	for special	loads	
13	=	Movable	floor	panel	on wagon	for special	loads
14	=	Skid bar	with or without	shoes	on car-carrying	wagon	
15	=	Mooring	strap	on car-carrying	wagon		
16	=	Beam	for movable	ramp	on car-carrying	wagon	
17	=	Spare	heating	half-coupling			
18	=	Fire	extinguisher				
19	=	Wheel	scotches (for cars)	on car-carrying	wagon		
20	=	Gangway	loading	ramp	on car-carrying	wagon	
21	=	Metal	cradles	for rolls	of metal	sheeting	
22	=	Panel	for covering	markings			
23	=	Loading	frame	for special	types of	goods	
24	=	Headstock	for "rolling	roads"			
25	=	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>

```

used	<pre> </xs:annotation> </xs:element> <xs:element ref="FerryPermittedFlag" minOccurs="0"> <xs:annotation> <xs:documentation> Indication if wagon is permitted to be 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 °)</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 the technical 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:element ref="DateNextOverhaul"/> <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> </xs:sequence> </xs:complexType> </pre>
------	---

	</xs:element>
--	---------------

element **RollingStockDataset/AdministrativeDataSet**

diagram	<p>WagonNumberFreight Identifies uniquely the freight wagon by its number</p> <p>PreviousWagonNumberFreight For identification of a wagon after renumbering</p> <p>RegistrationCountry ISO country code of registration country</p> <p>DatePutIntoService Date of first operation</p> <p>AuthorisationValidUntil End date for restricted authorisation (special case)</p> <p>SuspensionOfAuthorisation Information if authorisation has been suspended by the authority</p> <p>DateSuspensionOfAuthorisation Date of the suspension of authorisation; must be provided in case of suspension</p> <p>MultilateralAuthorisationCountry 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</p> <p>ChannelTunnelPermitted Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.</p> <p>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</p> <p>KeeperShortNameVKM Vehicle Keeper Marking of the wagon keeper as listed in VKM register (http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx, column B - without special characters)</p> <p>ECM Full name of the assigned Entry in Charge of Maintenance</p> <p>PlannedChangeOfECM</p> <p>ECMCertificate ECM certificate information</p> <p>InteropCapability 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</p> <p>GCUWagon Indication if wagon is operated under the GCU contract</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 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 </pre>

```

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 (http://www.era.europa.eu/Document-
Register/Pages/list-VKM.aspx, 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>

```

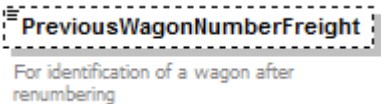
```

<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:element>
    <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="Numeric2-2"/>
        <xs:element name="EINYear" type="Numeric2-2"/>
        <xs:element name="EINCounter">
          <xs:simpleType>
            <xs:restriction base="xs:integer">
              <xs:minInclusive value="0"/>
              <xs:maxInclusive value="9999"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="ECMCertificateValidFrom" type="xs:date">
    <xs:annotation>
      <xs:documentation>Certificate valid from
date</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ECMCertificateValidTo" type="xs:date">
    <xs:annotation>
      <xs:documentation>Certificate valid to
date</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
    <xs:annotation>
      <xs:documentation>Certificate covers tank wagons for
dangerous goods</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
    <xs:annotation>
      <xs:documentation>Certificate covers other wagons specialised
in transport of dangerous goods</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ECMCertificateSuspended" type="xs:boolean">

```

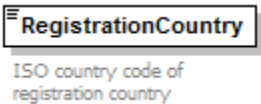

	<pre> <xs:annotation> <xs:documentation>Identification if certificate has been suspended for any reason</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of the ECM certificate; 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> </pre>
--	--

element **RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	WagonIdent
properties	minOcc 0 maxOcc 1 content simple

facets	Kind maxLength pattern	Value 12 [0-9]{12}	Annotation
annotation	documentation For identification of a wagon after renumbering		
source	<pre><xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </xs:element></pre>		

element **RollingStockDataset/AdministrativeDataSet/RegistrationCountry**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	CountryIdentISO		
properties	content simple		
facets	Kind minLength maxLength	Value 2 2	Annotation
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>		

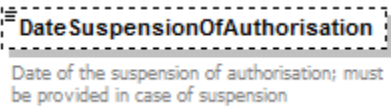
element **RollingStockDataset/AdministrativeDataSet/AuthorisationValidUntil**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	xs:date		
properties	minOcc maxOcc content	0 1 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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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

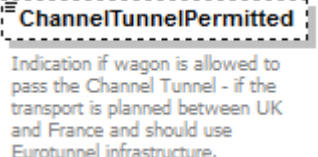
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the suspension of authorisation; must be provided in case of suspension
source	<pre><xs:element name="DateSuspensionOfAuthorisation" type="xs:date" 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

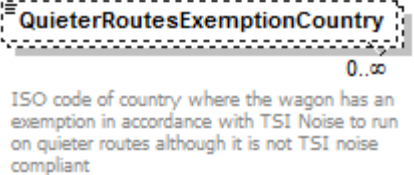
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	CountryIdentISO
properties	minOcc 0 maxOcc unbounded

	content simple
facets	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/2.4
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

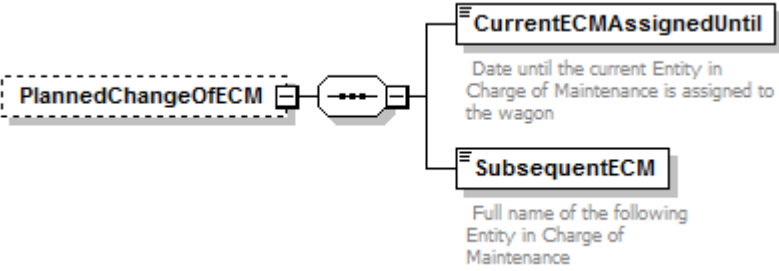
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	CountryIdentISO
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 2

	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	<div><div><div>ECM</div></div><div>Full name of the assigned Entity in Charge of Maintenance</div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
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>maxLength</td><td>256</td><td></td></tr></tbody></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" value="256"/> </xs:simpleType> </xs:element></pre>						

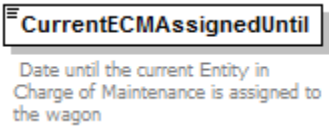
element RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	complex
minOcc	0						
maxOcc	1						
content	complex						

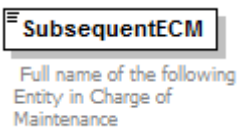
children	CurrentECMAssignedUntil SubsequentECM
source	<pre> <xs:element name="PlannedChangeOfECM" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="CurrentECMAssignedUntil" type="xs:date"> <xs:annotation> <xs:documentation> Date until the current Entity in Charge of Maintenance is assigned to the wagon</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SubsequentECM"> <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" value="256"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element

RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/CurrentECMAssignedUntil

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4

type	restriction of xs:string		
properties	content	simple	
facets	Kind maxLength	Value 256	Annotation
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" value="256"/> </xs:simpleType> </xs:element></pre>		

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	EINNumber ECMCertificateValidFrom ECMCertificateValidTo CoversTankWagonsForDangerousGoods CoversNonTankWagonsForDangerousGoods ECMCertificateSuspended DateECMCertificateSuspended
annotation	documentation

	ECM certificate information
source	<pre> <xs:element name="ECMCertificate"> <xs:annotation> <xs:documentation>ECM certificate information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EINNumber"> <xs:annotation> <xs:documentation>ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CounterAccreditedRecognizedBody" type="Numeric2-2"/> <xs:element name="EINYear" type="Numeric2-2"/> <xs:element name="EINCounter"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ECMCertificateValidFrom" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid from date</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ECMCertificateValidTo" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid to date</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers tank wagons for dangerous goods</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers other wagons specialised in transport of dangerous goods</xs:documentation> </pre>

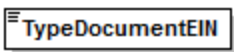
	<pre> </xs:annotation> </xs:element> <xs:element name="ECMCertificateSuspended" type="xs:boolean"> <xs:annotation> <xs:documentation>Identification if certificate has been suspended for any reason</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DateECMCertificateSuspended" type="xs:date" 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**

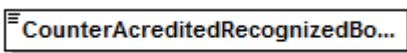
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	CountryCodeISO TypeDocumentEIN CounterAcreditedRecognizedBody EINYear EINCounter
annotation	<p>documentation ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</p>
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> <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> </pre>

	<pre> </xs:element> <xs:element name="CounterAccreditedRecognizedBody" type="Numeric2-2"/> <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>
--	---

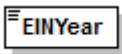
element RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN

diagram	 <p>Code List Candidate: 31, 34</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	Numeric2-2		
properties	content simple		
facets	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/CounterAccreditedRecognized Body

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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									
source	<xs:element name="CounterAccreditedRecognizedBody" type="Numeric2-2"/>									


element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	Numeric2-2		
properties	content simple		
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
source	<xs:element name="EINYear" type="Numeric2-2"/>		

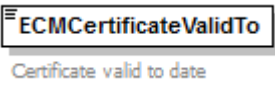
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINCounter**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:integer		
properties	content simple		
facets	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>		


element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidFrom**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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

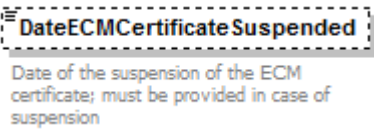
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:boolean
properties	content simple
annotation	documentation Certificate covers other wagons specialised in transport of dangerous goods
source	<pre><xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers other wagons specialised in transport of dangerous goods</xs:documentation> </xs:annotation> </xs:element></pre>

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

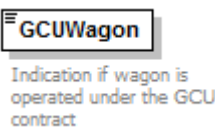
element RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateSuspended

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 reason</xs:documentation> </xs:annotation> </xs:element></pre>

element RollingStockDataset/AdministrativeDataSet/ECMCertificate/DateECMCertificateSuspended

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:boolean
properties	content simple

annotation	documentation Indication if wagon is operated under the GCU contract
source	<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>

diagram



properties	content	complex
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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 MaxLengthOfLoad LoadArea HeightOfLoadingPlaneUnladen RemovableAccessories LoadingCapacity MaxGrossWeight VapourReturnSystem FerryPermittedFlag FerryRampAngle TemperatureRange TechnicalForwardingRestrictions DateLastOverhaul DateNextOverhaul 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"/> <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> </pre>


```

<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>

```

	<pre> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ProductUNCode" type="Numeric4-4"> <xs:annotation> <xs:documentation>UN code of product if product load table</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProductRIDName"> <xs:annotation> <xs:documentation> RID product name as written on the panel</xs:documentation> </xs:annotation> </xs:element> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </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 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 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 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 tons of line </pre>
--	--

```

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 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 side flap of flat wagon stanchion
02 = Removable end flap of flat wagon
03 = Removable side rail
04 = Removable intermediate upright for securing the load chain
05 = Removable handle and wheel for winch on car-carrying wagon
06 = Swivelling bolster (with stanchions)
07 = Coupling rod (rigid coupling)
08 = Ice bunker screen
09 = Ice bunker frame
10 = Trestle or bar with hooks for hanging meat
11 = Movable cross-member of wagon with low loading plane support
12 = Removable cross-member on wagon for special loads
13 = Mooring cross-member on wagon for special loads
14 = Movable floor panel on wagon for special loads
15 = Skid bar with or without shoes on car-carrying wagon
16 = Mooring strap on car-carrying wagon
17 = Beam for movable ramp on car-carrying wagon
18 = Spare heating half-coupling
19 = Fire extinguisher
20 = Wheel scotches (for cars) on car-carrying wagon
21 = Gangway loading ramp on car-carrying wagon
22 = Metal cradles for rolls of metal sheeting
23 = Panel for covering markings
24 = Loading frame for special types of goods
25 = Headstock for "rolling roads"
26 = Other wagon accessories
</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```

```

        <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 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

```

	<p>the technical parameters are allowed to be used here. Only the code numbers should be in the annotation</p> <pre> </xs:annotation> </xs:element> <xs:element ref="DateLastOverhaul"/> <xs:element ref="DateNextOverhaul"/> <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> </pre>
--	---

element **RollingStockDataset/DesignDataSet/LetterMarking**

diagram	<div><div><div>LetterMarking</div></div><div>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	restriction of xs:string						
properties	content simple						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>maxLength</td><td>20</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	20	
Kind	Value	Annotation					
maxLength	20						
annotation	<div>documentation</div> <div>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</div>						
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" value="20"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						


element **RollingStockDataset/DesignDataSet/TankCode**

diagram	<div><div><div><div><div></div><div>TankCode</div></div></div></div><div>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</div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:string
properties	<div>minOcc0</div> <div>maxOcc1</div> <div>contentsimple</div>
facets	<div>KindValueAnnotation</div> <div>maxLength20</div>
annotation	<div>documentation</div> <div>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</div>
source	<pre><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" value="20"/> </xs:simpleType> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/WheelSetType**

diagram	<div><div><div>WheelSetType</div><div>Type name of the wheel sets, and the name of the type depends on the manufacturer.</div></div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	restriction of 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						
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	<div>documentation</div> <div>Type name of the wheel sets, and the name of the type depends on the manufacturer.</div>						
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" value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **RollingStockDataset/DesignDataSet/BogiePivotPitch**

diagram	 <p>Largest distance between two adjacent bogie pitches in mm</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	Numeric1-5									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>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	<div><div><div>InnerWheelbase</div></div><p>Maximum distance between two adjacent axes in mm</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	Numeric1-5									
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	<div>documentation</div> <div>Maximum distance between two adjacent axes in mm</div>									
source	<pre><xs:element name="InnerWheelbase" type="Numeric1-5"> <xs:annotation> <xs:documentation>Maximum distance between two adjacent axes in mm</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/DesignDataSet/BufferType**

diagram	<div><div><div>BufferType</div></div><div>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)</div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:string
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>
facets	<div><div>Kind</div><div>Value</div><div>Annotation</div></div> <div><div>maxLength</div><div>256</div></div>
annotation	<div>documentation</div> <div>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)</div>
source	<div><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></div>

element **RollingStockDataset/DesignDataSet/LoadTable**

diagram	<p>LoadTable 0..∞</p> <p>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).</p> <p>LoadTableProduct 0..∞</p> <p>Product description, only applies for product-specific load tables</p> <p>LoadTableCountry 0..∞</p> <p>ISO country code of countries for additional load tables</p> <p>SpeedCategory 1..∞</p> <p>Numeric speed in load table, without speed empty in km/h</p> <p>LoadTableStars 1..∞</p> <p>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.</p> <p>RouteClassPayloads 1..∞</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> <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.</pre>

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" value="256"/>
            </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
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

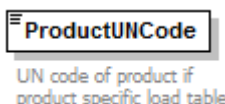
	<p>an automatic load-proportional braking system.</p> <pre> </xs:documentation> </xs:annotation> </xs:element> <xs:element name="RouteClassPayloads" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="RouteClass"/> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <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> </pre>
--	---

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


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> </pre>

	<pre> </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										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	Numeric4-4									
properties	content simple									
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 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**

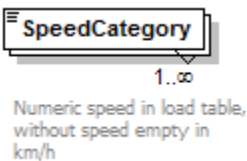
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	restriction of xs:string						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>256</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation RID product name as written on the folding panel						
source	<pre><xs:element name="ProductRIDName"></pre>						

	<pre> <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/2.4									
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	<div>documentation</div> <div>ISO country code of countries for additional load tables</div>									
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> </xs:annotation> </xs:element></pre>									

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

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	Numeric1-5									
properties	<table><tr><td>minOcc</td><td>1</td></tr><tr><td>maxOcc</td><td>unbounded</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	1	maxOcc	unbounded	content	simple			
minOcc	1									
maxOcc	unbounded									
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>99999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	<div>documentation</div> <div>Numeric speed in load table, without speed empty in km/h</div>									

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>
--------	---

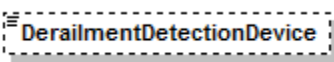
element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads**

diagram	<p>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.</p> <p>MaxPayload Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 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> </pre>

element RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads/MaxPayload

diagram	<div><div><div>MaxPayload</div><div>1..∞</div></div><p>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:decimal									
properties	minOcc 1 maxOcc unbounded content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>totalDigits</td><td>4</td><td></td></tr><tr><td>fractionDigits</td><td>1</td><td></td></tr></tbody></table>	Kind	Value	Annotation	totalDigits	4		fractionDigits	1	
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>									

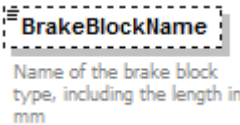
element RollingStockDataset/DesignDataSet/DerailmentDetectionDevice

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
type	DerailmentDetectionDevice												
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>EDT 101</td><td></td></tr><tr><td>enumeration</td><td>MDV 100</td><td></td></tr><tr><td>enumeration</td><td>Non coded device</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	EDT 101		enumeration	MDV 100		enumeration	Non coded device	
Kind	Value	Annotation											
enumeration	EDT 101												
enumeration	MDV 100												
enumeration	Non coded device												
source	<pre><xs:element name="DerailmentDetectionDevice" type="DerailmentDetectionDevice" minOccurs="0"/></pre>												

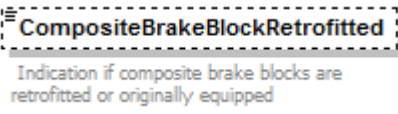
element **RollingStockDataset/DesignDataSet/BrakeBlock**

diagram	<p>BrakeBlock Characteristics of brake blocks</p> <p>BrakeBlockName Name of the brake block type, including the length in mm</p> <p>CompositeBrakeBlockRetrofitted Indication if composite brake blocks are retrofitted or originally equipped</p> <p>CompositeBrakeBlockInstallationDate Date of composite brake block installation, for originally equipped wagon = date put into service</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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" 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>


element **RollingStockDataset/DesignDataSet/BrakeBlock/BrakeBlockName**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
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 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" value="256"/> </xs:simpleType> </xs:element></pre>						

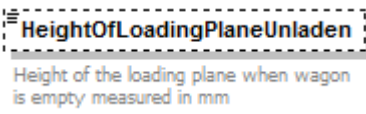
element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockRetrofitted**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> <xs:documentation> Indication if composite brake blocks are retrofitted or originally equipped</xs:documentation> </xs:annotation> </xs:element> </pre>

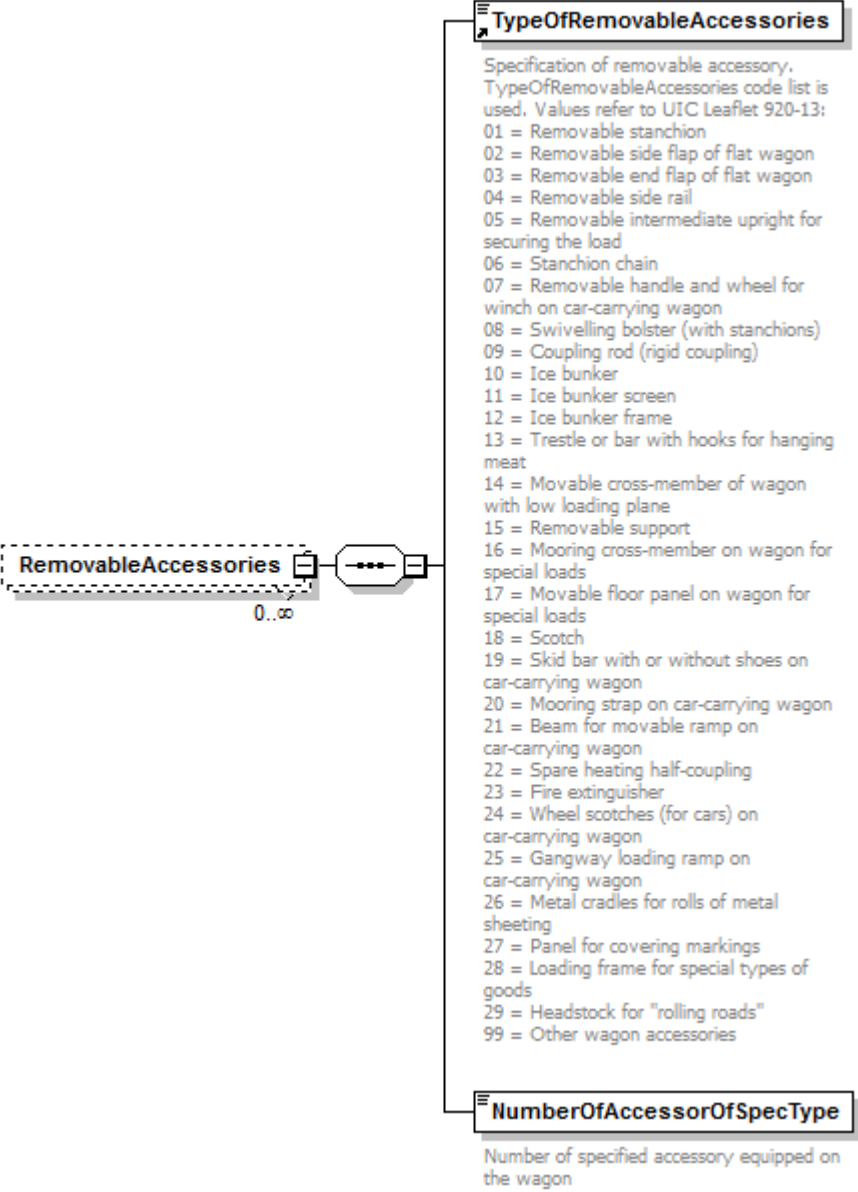
element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockInstallationDate**

diagram	 <p>CompositeBrakeBlockInstallatio...</p> <p>Date of composite brake block installation, for originally equipped wagon = date put into service</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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/HeightOfLoadingPlaneUnladen**

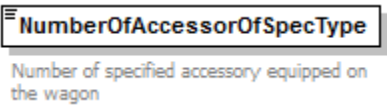
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	Numeric1-5									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Height of the loading plane when wagon is empty measured in mm									
source	<pre><xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5" minOccurs="0"> <xs:annotation> <xs:documentation>Height of the loading plane when wagon is empty measured in mm</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/DesignDataSet/RemovableAccessories**

diagram	 <p>TypeOfRemovableAccessories</p> <p>Specification of removable accessory. TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13:</p> <ul style="list-style-type: none"> 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 <p>NumberOfAccessoriesOfSpecType</p> <p>Number of specified accessory equipped on the wagon</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 0 maxOcc unbounded content complex
children	TypeOfRemovableAccessories NumberOfAccessoriesOfSpecType
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. 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 </pre>

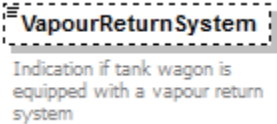
05	=	Removable	intermediate	upright	for	securing	the	load
06		=		Stanchion				chain
07	=	Removable	handle	and	wheel	for	winch	on
08		=	Swivelling	bolster	(with	stanchions)		
09		=	Coupling	rod	(rigid	coupling)		
10		=		Ice	bunker	screen		
11		=		Ice	bunker	frame		
12		=		Ice	bunker			
13	=	Trestle	or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

element RollingStockDataSet/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType

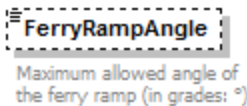
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	Numeric2-2		
properties	content simple		
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
annotation	documentation Number of specified accessory equipped on the wagon		
source	<xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2"> <xs:annotation>		

	<pre> <xs:documentation>Number of specified accessory equipped on the wagon</xs:documentation> </xs:annotation> </xs:element> </pre>
--	--

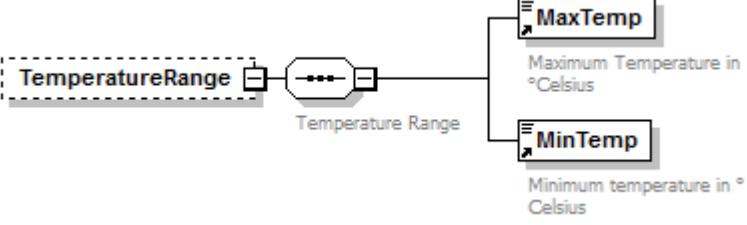
element **RollingStockDataset/DesignDataSet/VapourReturnSystem**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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>

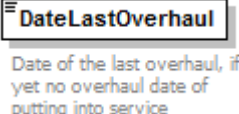
element **RollingStockDataset/DesignDataSet/FerryRampAngle**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:decimal
properties	minOcc 0 maxOcc 1 content simple
facets	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/2.4
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> </xs:annotation> <xs:element ref="MaxTemp"/> <xs:element ref="MinTemp"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element RollingStockDataset/DesignDataSet/DateLastOverhaul

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:date
properties	content simple
annotation	documentation Date of the last overhaul, if yet no overhaul date of putting into service
source	<pre> <xs:element name="DateLastOverhaul" type="xs:date"> <xs:annotation> <xs:documentation>Date of the last overhaul, if yet no overhaul date of putting into service</xs:documentation> </xs:annotation> </xs:element> </pre>

element RollingStockDataset/DesignDataSet/DateOfNextTankInspection

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader RollingStockDataset RefusedWagonNumbers
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre> <xs:element name="RollingStockDatasetMessage"> <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:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


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

element **RollingStockDatasetMessage/RefusedWagonNumbers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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:sequence> </xs:complexType> </xs:element></pre>

element **RollingStockDatasetQueryMessage**

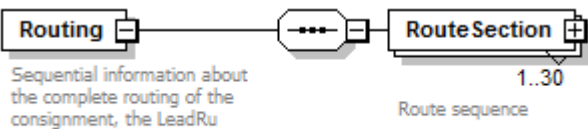
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader WagonNumberFreight
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre><xs:element name="RollingStockDatasetQueryMessage"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> </xs:element></pre>

	<pre> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight" ref="MessageHeader"/> maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **RouteInformation**

diagram	<div><div><div>RouteInformation</div></div><div>The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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	<div>documentation</div> <div>The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU</div>									
source	<pre><xs:element name="RouteInformation" type="FreeText"> <xs:annotation> <xs:documentation>The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU</xs:documentation> </xs:annotation> </xs:element></pre>									

element **Routing**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	RouteSection
used by	element ConsignmentOrderMessage/COMS/COM
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> </pre>

```

<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 name="RouteCode">
              <xs:annotation>
                <xs:documentation>Route code (International
RouteCode)</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="5"/>
                  <xs:pattern value="\d*[1-9]\d*0"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <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:sequence>
</xs:complexType>
</xs:element>

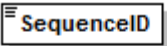
```

element **Routing/RouteSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> <xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element> <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>

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

element **Routing/RouteSection/SequenceID**


diagram	 <p>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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/RouteCode**

diagram	<div><div><div>RouteCode</div><div>Route code (International RouteCode)</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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>5</td><td></td></tr><tr><td>pattern</td><td>\d*[1-9]\d*0</td><td></td></tr></table>	Kind	Value	Annotation	length	5		pattern	\d*[1-9]\d*0	
Kind	Value	Annotation								
length	5									
pattern	\d*[1-9]\d*0									
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> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

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

element **Routing/RouteSection/RouteText**

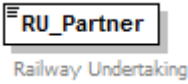
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>80</td><td></td></tr></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 **RP_Code**

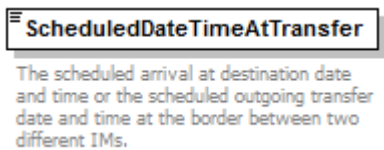
diagram	<div><div><div>RP_Code</div></div><div>Routing point code of the production station of the acceptance or delivery point.</div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	restriction of xs:string						
properties	content simple						
used by	element ProductionStation						
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 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></pre>						

	<pre> <xs:simpleType> <xs:restriction <xs:length </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> base="xs:string"> value="5"/> </pre>
--	--	--


element **RU_Partner**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	CompanyCode		
properties	content	simple	
used by	elements	ConsignmentOrderMessage/COMS/COM/CustomsProcedures SpecialTreatments	
facets	Kind	Value	Annotation
	minInclusive	0001	
	maxInclusive	9999	
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>		

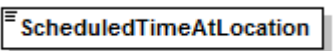
element **ScheduledDateTimeAtTransfer**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	element OperationalTrainNumberIdentifier
annotation	documentation The scheduled arrival at destination date and time or the scheduled outgoing transfer date and time at the border between two different IMs.
source	<pre><xs:element name="ScheduledDateTimeAtTransfer" type="xs:dateTime"> <xs:annotation> <xs:documentation>The scheduled arrival at destination date and time or the scheduled outgoing transfer date and time at the border between two different IMs.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ScheduledTimeAtHandover**

diagram	 <p>The scheduled departure date and time or the scheduled handover date and time at the border between two different IMs.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	element OperationalTrainNumberIdentifier
annotation	documentation The scheduled departure date and time or the scheduled handover date and time at the border between two different IMs.
source	<pre><xs:element name="ScheduledTimeAtHandover" type="xs:dateTime"> <xs:annotation> <xs:documentation>The scheduled departure date and time or the scheduled handover date and time at the border between two different IMs.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ScheduledTimeAtLocation**

diagram	 <p>Scheduled Date and Time at a location related to the status of the train or wagon at the given location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	NumberOfSeals SealsDescription
used by	elements ITU_Details_Wagons/WagonDetails
annotation	documentation Describes the seals used for the consignment
source	<pre> <xs:element name="Seals"> <xs:annotation> <xs:documentation>Describes the seals used for the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <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	<div><div><div>☰</div><div>NumberOfSeals</div></div><p>Number of the seals attached by the original consignor.</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:int									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>totalDigits</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		totalDigits	2	
Kind	Value	Annotation								
minInclusive	0									
totalDigits	2									
annotation	documentation Number of the seals attached by the original consignor.									
source	<pre><xs:element name="NumberOfSeals"> <xs:annotation> <xs:documentation>Number of the seals attached by the original consignor.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Seals/SealsDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 10 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 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>									

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

element **Sender**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4					
type	extension of CompanyCode					
properties	content complex					
used by	element MessageHeader					
facets	Kind	Value	Annotation			
	minInclusive	0001				
	maxInclusive	9999				
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" ref="CI_InstanceNumber"/> </xs:simpleContent> </xs:complexType> </xs:element></pre>					

element **SenderReference**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4					
type	FreeText					
properties	content simple					
used by	element MessageHeader					
facets	Kind	Value	Annotation			

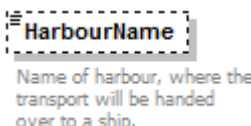
	minLength 1 maxLength 255
annotation	documentation reference used by the sender (e.g. FTP file name)
source	<pre> <xs:element name="SenderReference" type="FreeText"> <xs:annotation> <xs:documentation>reference used by the sender (e.g. FTP file name)</xs:documentation> </xs:annotation> </xs:element> </pre>

element Ship

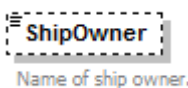
diagram	<p>The diagram illustrates the structure of the Ship element. It is a container for additional information for transports. It contains a VesselIndication element (which identifies the transportation unit) and a HarbourName element (which is the name of the harbour where the transport will be handed over to a ship). The ShipOwner element (which is the name of the ship owner) is also shown as a child element.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	VesselIndication HarbourName ShipOwner
used by	elements 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:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

element **Ship/HarbourName**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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/2.4						
type	restriction of 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						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1	
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 **SpecialTreatments**


diagram	<pre> graph LR ST[SpecialTreatments Special treatment] --- Seq[Sequence] 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/2.4
properties	content complex
children	RU_Partner SpecialTreatmentCode SpecialTreatmentInformation Location
used by	elements ConsignmentOrderMessage/COMS/COM WIMO Dataset/ConsignmentLevelData
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 treatment</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SpecialTreatmentCode"> <xs:annotation> <xs:documentation>Special Treatment code</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SpecialTreatmentInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Location" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element SpecialTreatments/SpecialTreatmentCode

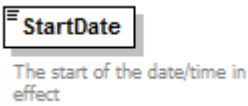
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	restriction of xs:string						
properties	content simple						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>length</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	length	2	
Kind	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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 **StartDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:date
properties	content simple
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType ValidityPeriod
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/2.4
type	xs:dateTime
properties	content simple
used by	elements RequestedPeriod RequestedTimeframe ValidityPeriod
annotation	documentation The start of the date/time in effect
source	<pre> <xs:element name="StartDateTime" type="xs:dateTime"> </pre>

	<pre><xs:annotation> <xs:documentation>The start of the date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre>
--	---

element **StartLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
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/2.4
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 **SummaryOfGoodsWithSameRID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	UN Number PackingGroup DangerousGoodsWeight DangerousGoodsVolume
used by	elements ITU RollingRoadUnit Wagons
annotation	<p>documentation</p> <p>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</p>
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:sequence> </xs:complexType> </xs:element> </pre>

	<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 ref="DangerousGoodsVolume" minOccurs="0"/> </xs:sequence> </xs:complexType> </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
16	F	Do not fly shunt or gravity shunt (3 red triangles)
		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
		x
42	F	Place this wagon at the rear of the train
		x
63	F (+P)	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	Shunt with special care (2 red triangle)
		x
		x
94	F	Gas carrying wagon without orange side stripe
		x

namespace

http://www.era.europa.eu/schemes/TAFTSI/2.4

type

RestrictionCodes

properties	content simple		
used by	element RollingStockDataset/DesignDataSet		
facets	Kind	Value	Annotation
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	15	
	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	52	
	enumeration	62	
	enumeration	63	
	enumeration	68	
	enumeration	70	
	enumeration	71	
	enumeration	90	
	enumeration	91	
	enumeration	92	
enumeration	94		
enumeration	99		
annotation	<div>documentation</div> <div>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-</div> <div>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.</div> <div>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.</div> <div><div><div>P</div><div>T</div><div>D</div><div>L</div></div><div><div>=</div><div>=</div><div>=</div><div>=</div></div><div><div>F</div><div>=</div><div></div><div></div></div><div><div>Freight</div><div>Passenger</div><div>Technical</div><div>Damage</div><div>Load</div></div></div> <div><div>Code</div><div>F or P</div><div>Description</div></div> <div><div>T</div><div>D</div><div>L</div></div>		

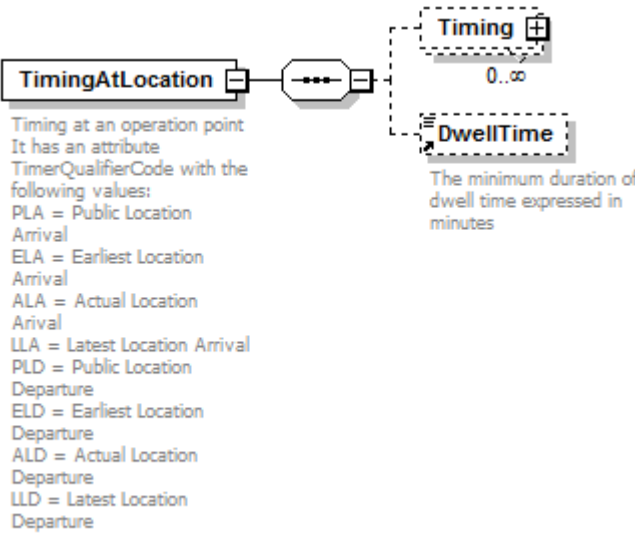
	07	F	Shunt only when hand brake operable with ground staff	X	X
	11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres		
	12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres	X	
	13	F	Bogie wagon with distance between wheels of more than 17,50 metres		
	15	F	Wagon not allowed over the hump		
	16	F	Do not fly shunt or gravity shunt (3 red triangles)		
	18	F	Must not use active braking equipment	X	X
	25	F	Gas carrying tank wagon with orange side stripe		
	41	F	Place this wagon at the front of the train		
	42	F	Place this wagon at the rear of the train		
	63 one	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned		
	70	F	Shunt with care (1 red triangle)		
	71	F	Shunt with special care (2 red triangle)		
	94	F	Gas carrying wagon without orange side stripe		
					X
source	<p><xs:element name="TechnicalForwardingRestrictions" type="RestrictionCodes"></p> <p><xs:annotation></p> <p><xs: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-</p> <p>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 RestrictionCodes.</p> <p>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.</p> <p>P = Passenger</p> <p>T = Technical</p> <p>D = Damage</p> <p>L = Load</p>				

Code	F or P	Description
07	F	Shunt only when hand brake operable with ground staff
11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres
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
16	F	Do not fly shunt or gravity shunt (3 red triangles)
18	F	Must not use active braking equipment
25	F	Gas carrying tank wagon with orange side stripe
41	F	Place this wagon at the front of the train
42	F	Place this wagon at the rear of the train
63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one
70	F	Shunt with care (1 red triangle)
71	F	Shunt with special care (2 red triangle)
94	F	Gas carrying wagon without orange side stripe
</xs:documentation> </xs:annotation> </xs:element>		

element **TimetableYear**

diagram	<div><div><div>TimetableYear</div></div><div>Refers to the timetable period in which the business will be carried out</div></div>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:integer		
properties	content	simple	
used by	complexTypes	CompositIdentifierOperationalType CompositIdentifierPlannedType	
facets	Kind	Value	Annotation
	minInclusive	2012	
	maxInclusive	2097	
annotation	documentation	Refers to the timetable period in which the business will be carried out	
source	<pre><xs:element name="TimetableYear"> <xs:annotation> <xs:documentation>Refers to the timetable period in which the business will be carried out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="2012"/> <xs:maxInclusive value="2097"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **TimingAtLocation**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
properties	content	complex	

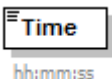
children	Timing DwellTime																																			
used by	element PlannedJourneyLocation																																			
annotation	<div>documentation</div> <div>Timing at an operation point</div> <div>It has an attribute TimerQualifierCode with the following values:</div> <table><tr><td>PLA</td><td>=</td><td>Public</td><td>Location</td><td>Arrival</td></tr><tr><td>ELA</td><td>=</td><td>Earliest</td><td>Location</td><td>Arrival</td></tr><tr><td>ALA</td><td>=</td><td>Actual</td><td>Location</td><td>Arrival</td></tr><tr><td>LLA</td><td>=</td><td>Latest</td><td>Location</td><td>Arrival</td></tr><tr><td>PLD</td><td>=</td><td>Public</td><td>Location</td><td>Departure</td></tr><tr><td>ELD</td><td>=</td><td>Earliest</td><td>Location</td><td>Departure</td></tr><tr><td>ALD</td><td>=</td><td>Actual</td><td>Location</td><td>Departure</td></tr></table> <div>LLD = Latest Location Departure</div>	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
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																																
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 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 </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Timing" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Time"> <xs:annotation> <xs:documentation>hh:mm:ss</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:time"/> </xs:simpleContent> </xs:complexType> </xs:element> <xs:element ref="Offset"> <xs:annotation> <xs:documentation>in days</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> <xs:attribute ref="TimingQualifierCode"/> </xs:complexType> </xs:element> <xs:element ref="DwellTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>																																			

element **TimingAtLocation/Timing**

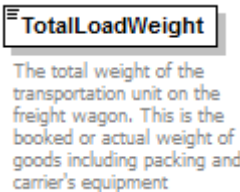
diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4					
properties	minOcc	0	maxOcc	unbounded	content	complex
children	Time Offset BookedLocationDateTime					
attributes	Name	Type	Use	Default	Fixed	Annotation documentation
	TimingQualifierCode	derived by: xs:token				PLA = Public Location 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
source	<pre><xs:element name="Timing" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence></pre>					

	<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> <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/2.4
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/2.4
type	WeightValueKilo

properties	content simple		
used by	element	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> </xs:annotation> </xs:element></pre>		

element **TotalWeight**

diagram	<div><div><div>TotalWeight</div></div><div>Total weight of the loaded wagon [kg].</div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
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 **TractionDetails**

diagram	<p>LocoTypeNumber</p> <p>TractionMode</p> <p>Identifies the mode of deployment of a traction unit within a train</p> <p>TrainCC_System</p> <p>Type of Train Control System. The following types are used: CCS TSI Class A:</p> <p>ETCS Level 0 ETCS Level NSC ETCS Level 1 ETCS Level 2 ETCS Level 3</p> <p>ERA/TD/2011-11, Class B:</p> <p>PZB LZB Crocodile TBL 1 TBL 2 TVM 430TBL1+ EBICAB 700 LS ZUB 123 ALSN ATP-VR/RHK KVB TVM 300 TVM 430 KVB KCVB KCVB NEXTEO DAAT EVM CAWS ATP BACC RSDD/SCMT SSC MEMOR II+ SHP PKP ASFA EBICAB 900 SELCAB SIGNUM ZUB ATB 1st Gen ATB Next Gen GW ATP RETB TPWS</p> <p>UIC Leaflet 407-1 Codes (legacy) are covered in the ERA/TD/2011-11:</p> <table> <tbody> <tr> <td>91</td> <td>ETCS L1</td> </tr> <tr> <td>92</td> <td>ETCS L2</td> </tr> <tr> <td>51</td> <td>PZB</td> </tr> <tr> <td>3</td> <td>LZB</td> </tr> <tr> <td>22</td> <td>KVB</td> </tr> <tr> <td>52</td> <td>EVM</td> </tr> <tr> <td>11</td> <td>ZUB</td> </tr> <tr> <td>31</td> <td>ATB</td> </tr> <tr> <td>32</td> <td>ATBNG</td> </tr> </tbody> </table> <p>TrainRadioSystem</p> <p>The on board radio system of the train in coded format</p> <p>TractionWeight</p> <p>Check with group to see if it is for sum or individual - check TAP</p> <p>Length</p> <p>Length in millimetres - Used for TAP</p> <p>TractionDetails</p> <p>Defines the design series, mode of deployment and technical specifications associated with the traction of a train.</p>	91	ETCS L1	92	ETCS L2	51	PZB	3	LZB	22	KVB	52	EVM	11	ZUB	31	ATB	32	ATBNG
91	ETCS L1																		
92	ETCS L2																		
51	PZB																		
3	LZB																		
22	KVB																		
52	EVM																		
11	ZUB																		
31	ATB																		
32	ATBNG																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4																		
properties	content complex																		


children	LocoTypeNumber TractionMode TrainCC_System TrainRadioSystem TractionWeight Length
used by	element PlannedTrainTechnicalData
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="TractionMode"> <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="TrainCC_System" minOccurs="0"/> <xs:element ref="TrainRadioSystem" minOccurs="0"/> <xs:element ref="TractionWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Check with group to see if it is for sum or individual - check TAP</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Length" minOccurs="0"> <xs:annotation> <xs:documentation>Length in millimetres - Used for TAP</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TractionPositionInTrain**

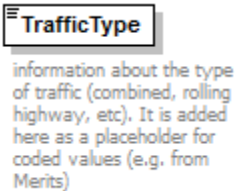
diagram	<div><div><div>TractionPositionInTrain</div></div><div>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainCompositionJourneySection/Locoldent									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>01</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	<div>documentation</div> <div>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number)</div>									

	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 **TractionWeight**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	WeightValueTonne		
properties	content	simple	
used by	element	TractionDetails	
facets	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/2.4		
type	restriction of xs:string		
properties	content	simple	
used by	element	PlannedTrainData	
facets	Kind	Value	Annotation
	minLength	1	

	maxLength 2
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:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **TrainActivity**

diagram	<p>TrainActivityType</p> <p>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 0000.</p> <p>0001 Commercial stop RU1001 Standardized passenger train, local/urban freight train 0002 Operational stop IM1 Stop needed by the IM (e.g. overpassing by another train) 0003 Service stop RU1003 Service which are used for non-commercial activities (e.g. boarding of staff) 0004 System stop RU1004 allowing the RU to change a system (e.g. signaling system, safety system) 0005 Reversing stop RU1005 stop to enable train unit to run in the opposite direction (without change of engine) 0006 Stop for reversing move or driver change ends RU1006 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 not used train RU1007 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 coach/locomotive RU1008 e.g. at origin or intermediate stations, checking fuel 0009 Change gauge RU1009 conversion on a network, with a different gauge with change of bogies or adaptation of the axle (17+5, 21+5+5) 0010 attach engine/unit RU1010 Unit not previously in service 0011 detach engine/unit RU1011 Unit no longer in service 0012 change engine RU1012 0013 attach coach/locomotive RU1013 0014 detach coach/locomotive RU1014 0015 attach and detach coach/locomotive RU1015 0016 attach train Operational Train (in service) 0017 split train Operational Train (in service) 0018 Parking of vehicle RU1018 e.g. need to park the train/locomotive engines for several hours 0019 Mail/passenger services RU1019 0020 allowing RU actual activity of shunting 0021 shunting service RU1020 Request for shunting service (if offered by the IM or a third party) 0022 Terminal service (terminal in the meaning of final destination) RU1022 Request for service at the end of a line or if offered by the IM or a third party 0023 Loco driver change RU1023 0024 Loco driver break RU1024 loco break is to respect working time 0025 Crew change RU1025 different loco driver change as for the change of the crew a position on the needed locomotive 0026 Crew change passport facilities RU1026 0027 Other crew reason (non-scheduled) RU1027 0028 Stabling only RU1028 0029 Dismantling only RU1029 0030 Stop on request RU1030 0031 Departure equals to arrival time RU1031 If in some stations only arrival time are published, this activity code may be used to indicate that the train cannot continue before the published arrival time in case of an early arrival. 0032 Departure after dismantling RU1032 mainly used at the end of train as train may continue as soon as all passengers have disembarked 0033 No waiting for connection RU1033 0034 Waiting RU1034 indicates the IM that a track with water access will be needed 0035 Heating RU1035 indicates the IM that a track with heating equipment will be needed. 0036 Cleaning / disinfecting RU1036 0037 Treatment on plants and live animals RU1037 0038 Heating Heating, Chilling, Spraying, Cleaning, ventilation fans, covering ventilation fans 0039 Treatment of perishable goods RU1039 0040 Checking the temperatures, Heating, Heating, Checking the proper functioning of the mechanical refrigeration equipment, handling machinery on or off 0041 Automatic operations RU1041 0042 Weeding, Re-weeding Submission to phytosanitary inspections 0043 Run Through (Passing Train) IM1 0044 Photo run-by / Photo-taking RU1044 0045 Train waiting Waiting according to local law 0046 Train running with another train RU1046 0047 Where trains have been attached at a previous location on the schedule 0048 Connecting service to other train RU1048 Association where there is a need to define a relationship between a train and its next service. The same vehicle is used for the next train service, also called "train-use between" 0049 Connecting service from other train RU1049 Association where there is a need to define a relationship between a train and its previous train service. The same vehicle is reused from the previous train service. National / company codes Example: Number 00 to 99 may be used by IM for Network national purposes, but adding ISO country code C001 Stops from next stop opening day U003 Stop shorter than 120 min T772 Train report stop cancelled AssociatedTrain Indicates the associated train for the activity for traffic management purposes by the Infrastructure/GSM-R services, etc.</p> <p>TrainActivity</p> <p>Since the activities can be related to attaching / detaching of engines and/or cars to different trains, the reference to other trains should be possible to be individual.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	TrainActivityType

properties	content complex
children	TrainActivityType AssociatedAttachedTrainID AssociatedAttachedOTN
used by	element PlannedJourneyLocation
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	<div><div>TrainActivityType</div><div>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 05-99.</div><div>0001 Commercial stop RU Board/unboard passenger train, load/unload freight train 0002 Operational stop SM Stops needed by the SM (e.g. overpassing by another train) 0003 Service stop RU/SM Stops which are used for non-commercial activities (e.g. boarding of staff) 0004 System stop RU/SM allowing the RU to change a system (e.g. signalling system, safety system) 0005 Reversing stop RU/SM stop to enable train units 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 coachman/signaller RU/SM e.g. at origin or intermediate 0009 Change gauge RU/SM continuation on a network with a different gauge with change of bogies (F=V, V=V, F=V) 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 transportation midway for several hours 0019 Maintenance services RU 0020 Shunting RU actual activity of shunting 0021 Shunting service RU Request for shunting service (if offered by the SM as a third party) 0022 Terminal service terminal the meeting of final destination RU Request for service at the end of a train run (if offered by the SM as 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/SM 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 be used to indicate that the train cannot continue before the published arrival time in case of an early arrival. 0032 Departure after arrival RU train run, then they continue as soon as all passengers have disembarked 0033 No waiting for connection RU 0034 Watering RU Indicates the SM that a track with water access will be needed 0035 Heating Indicates the SM that a track with heating equipment will be needed 0036 Cleaning / disinfecting RU 0037 treatment on clients and live animals RU Watering, Feeding, 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-weighing, Submission to phytosanitary inspections 0040 Run Through (passing time) SM 0041 Pass-by / through 0042 Train Waiting Waiting according to local rules 0043 Train running with another train RU where train has been attached at a previous location on the schedule 0044 Connecting service to other train RU Association where there is a need to define a relationship between a train and its next service. The same vehicle is used for the next train service. Also called "train-st continuation" 0045 Connecting service from other train RU Association where there is a need to define a relationship between a train and its previous service. The same vehicle is reused from the previous train service. - National / company codes Examples: Numbers 00 to 99 may be used by an SM for Network national purposes. Just adding ISO country code C205 Stops from new stop opening day UK65 Stop shorter than 15 min T772 Train report stop cancelled</div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:string

properties	content	simple
used by	complexType	TrainActivityType
facets	Kind	Value Annotation
	minLength	4
	maxLength	4
annotation	documentation	<p>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.</p> <p>0001 Commercial stop RU Board/disembark passenger train, freight train</p> <p>0002 Operational stop IM Stops needed by the IM (e.g. overpassing by another train)</p> <p>0003 Service stop RU/IM Stops which are used for non-commercial activities (e.g. boarding of staff)</p> <p>0004 System stop RU/IM allowing the RU to change a system (e.g. signalling system, safety system)</p> <p>0005 Reversing stop RU/IM stop to enable train unit to run in the opposite direction (without change of engine)</p> <p>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)</p> <p>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)</p> <p>0008 Technical check/inspection coaches/wagons RU/IM e.g. at origin or intermediate station: brake test, checking load</p> <p>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)</p> <p>0010 attach engine/unit RU Unit not previously in service</p> <p>0011 detach engine/unit RU Unit no longer in service</p> <p>0012 change engine RU</p> <p>0013 attach coach/wagon RU</p> <p>0014 detach coach/wagon RU</p> <p>0015 attach and detach coach/wagon RU</p> <p>0016 attach train Operational Train (in service)</p> <p>0017 split train Operational Train (in service)</p> <p>0018 Parking of vehicle RU e.g. need to park the train/composition midway for several hours</p> <p>0019 Mail/parcel services RU</p> <p>0020 shunting RU actual activity of shunting</p> <p>0021 shunting service RU Request for shunting service (if offered by the IM or a third party)</p> <p>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)</p> <p>0023 Loco driver change RU</p> <p>0024 Loco driver break RU legal issue, e.g. to respect working law</p> <p>0025 Crew change RU different to loco driver change as for the change of the crew a platform will be needed</p> <p>0026 Custom and passport facilities RU</p> <p>0027 Other stop reason (miscellaneous) RU/IM</p> <p>0028 Boarding only RU</p> <p>0029 Disembarking only RU</p> <p>0030 Stop on request RU</p> <p>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.</p> <p>0032 Departure after disembarking RU mainly used at the end of train run, train may continue as soon as all passengers have disembarked</p> <p>0033 No waiting for connection RU</p> <p>0034 Watering RU Indicates the IM that a track with water access will be needed.</p> <p>0035 Heating RU Indicates the IM that a track with heating equipment will be needed.</p> <p>0036 Cleaning / disinfecting RU</p> <p>0037 Treatment on plants and live animals RU Watering, Foddering, Milking, Spraying, Closing ventilation flaps, Opening ventilation flaps</p> <p>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</p> <p>0039 Administrative operations RU Weighing, Re-forwarding, Submission to phytosanitary inspections</p> <p>0040 Run Through (Passing Time) IM</p> <p>0041 Photo run-by / Photo-stop</p> <p>0042 Train Waiting Waiting according to local rules</p> <p>0043 Train running with another train RU Where trains have been attached at a previous location on the schedule</p> <p>0044 Connecting service to other train RU Association where there is a need to define a relationship between a train and its next service. The same vehicle is used for the next train service. Also called "train-set turnover"</p> <p>0045 Connecting service from other train RU Association where there is a need to define a</p>

	<p>relationship between a train and its previous service. The same vehicle is reused from the previous train service.</p> <p>National / company codes: Examples: Numbers 00 to 99 may be used by an IM for Network national purposes, code</p> <p>just adding ISO country code</p> <p>CZ01 Stops from new stop opening day</p> <p>UK55 Stop shorter than 1/2 min</p> <p>IT72 Train report stop cancelled</p>
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) 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 trainRU 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 engineRU 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</pre>

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 be 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 Connecting service to other train RU Association where there is a need to define a relationship between a train and its next service. The same vehicle is used for the next train service. Also called "train-set turnover"

0045 Connecting service from other train RU Association where there is a need to define a relationship between a train and its previous service. The same vehicle is reused from the previous train service.

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

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element **TrainAtLocation**

diagram	<p>TrainAtLocation Specifies information about a train at a specific location</p> <ul style="list-style-type: none"> TrainLocationStatus Identifies the status of a train related to the actual time at a reporting point OperationalTrainNumberIdentifier Identifies the train number ReferenceOTN Reference to the original planned Date and Time agreed by all involved IMs and RUs. TrainOperationalIdentification Identifies the train BookedLocationDateTime Scheduled Date and Time of a train at a specified location as defined in the path contract ReferencedLocationDateTime Reference to original planned Date and Time agreed by all involved IMs and RUs. LocationDateTime Identifies the actual or forecasted Date / Time at a specific reporting point TrainDelay Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> <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> </pre>

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element **TrainCC_System**

diagram	<div><div><div><div><div></div><div>TrainCC_System</div></div></div><div><p>Type of Train Control System. The following types are used:</p><p>CCS TSI Class A:</p><p>ETCS Level 0 ETCS Level NSC ETCS Level 1 ETCS Level 2 ETCS Level 3</p><p>ERA/TD/2011-11, Class B:</p><p>PZB LZB Crocodile TBL 1 TBL 2 TVM 430TBL1+ EBICAB 700 LS ZUB 123 ALSN ATP-VR/RHK KVB TVM 300 TVM 430 KVBP KCVp KCVB NEXTEO DAAT EVM CAWS ATP BACC RSDd/SCMT SSC MEMOR II+ SHP PKP ASFa EBICAB 900 SELCAB SIGNUM ZUB ATB 1st Gen ATB Next Gen GW ATP RETB TPWS</p><p>UIC Leaflet 407-1 Codes (legacy) are covered in the ERA/TD/2011-11:</p><table><tr><td>91</td><td>ETCS L1</td></tr><tr><td>92</td><td>ETCS L2</td></tr><tr><td>51</td><td>PZB</td></tr><tr><td>3</td><td>LZB</td></tr><tr><td>22</td><td>KVB</td></tr><tr><td>52</td><td>EVM</td></tr><tr><td>11</td><td>ZUB</td></tr><tr><td>31</td><td>ATB</td></tr><tr><td>32</td><td>ATBNG</td></tr></table></div></div></div>	91	ETCS L1	92	ETCS L2	51	PZB	3	LZB	22	KVB	52	EVM	11	ZUB	31	ATB	32	ATBNG
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92	ETCS L2																		
51	PZB																		
3	LZB																		
22	KVB																		
52	EVM																		
11	ZUB																		
31	ATB																		
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properties	content simple																																																																																																																																																																																																																				
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annotation	<div>documentation</div> <div>Type of Train Control System. The following types are used:</div> <table><thead><tr><th>CCS</th><th>TSI</th><th>Class</th><th>A:</th></tr></thead><tbody><tr><td>ETCS</td><td>Level</td><td></td><td>0</td></tr><tr><td>ETCS</td><td>Level</td><td></td><td>NSC</td></tr><tr><td>ETCS</td><td>Level</td><td></td><td>1</td></tr><tr><td>ETCS</td><td>Level</td><td></td><td>2</td></tr><tr><td>ETCS</td><td>Level</td><td></td><td>3</td></tr></tbody></table> <div>ERA/TD/2011-11, Class B:</div> <table><tbody><tr><td>PZB</td><td></td><td></td><td></td></tr><tr><td>LZB</td><td></td><td></td><td></td></tr><tr><td>Crocodile</td><td></td><td></td><td></td></tr><tr><td>TBL</td><td></td><td></td><td>1</td></tr><tr><td>TBL</td><td></td><td></td><td>2</td></tr><tr><td>TVM</td><td></td><td>430TBL1+</td><td></td></tr><tr><td>EBICAB</td><td></td><td></td><td>700</td></tr><tr><td>LS</td><td></td><td></td><td></td></tr><tr><td>ZUB</td><td></td><td></td><td>123</td></tr><tr><td>ALSN</td><td></td><td></td><td></td></tr><tr><td>ATP-VR/RHK</td><td></td><td></td><td></td></tr><tr><td>KVB</td><td></td><td></td><td></td></tr><tr><td>TVM</td><td></td><td></td><td>300</td></tr><tr><td>TVM</td><td></td><td></td><td>430</td></tr><tr><td>KVBP</td><td></td><td></td><td></td></tr><tr><td>KCVP</td><td></td><td></td><td></td></tr><tr><td>KCVB</td><td></td><td></td><td></td></tr><tr><td>NEXTEO</td><td></td><td></td><td></td></tr><tr><td>DAAT</td><td></td><td></td><td></td></tr><tr><td>EVM</td><td></td><td></td><td></td></tr><tr><td>CAWS</td><td></td><td></td><td></td></tr><tr><td>ATP</td><td></td><td></td><td></td></tr><tr><td>BACC</td><td></td><td></td><td></td></tr><tr><td>RSDD/SCMT</td><td></td><td></td><td></td></tr><tr><td>SSC</td><td></td><td></td><td></td></tr><tr><td>MEMOR</td><td></td><td></td><td>II+</td></tr><tr><td>SHP</td><td></td><td></td><td></td></tr><tr><td>PKP</td><td></td><td></td><td></td></tr><tr><td>ASFA</td><td></td><td></td><td></td></tr><tr><td>EBICAB</td><td></td><td></td><td>900</td></tr><tr><td>SELCAB</td><td></td><td></td><td></td></tr><tr><td>SIGNUM</td><td></td><td></td><td></td></tr><tr><td>ZUB</td><td></td><td></td><td></td></tr><tr><td>ATB</td><td>1st</td><td></td><td>Gen</td></tr><tr><td>ATB</td><td>Next</td><td></td><td>Gen</td></tr><tr><td>GW</td><td></td><td></td><td>ATP</td></tr><tr><td>RETB</td><td></td><td></td><td></td></tr><tr><td>TPWS</td><td></td><td></td><td></td></tr></tbody></table> <div>UIC Leaflet 407-1 Codes (legacy) are covered in the ERA/TD/2011-11:</div> <table><tbody><tr><td>91</td><td>ETCS</td><td></td><td>L1</td></tr><tr><td>92</td><td>ETCS</td><td></td><td>L2</td></tr><tr><td>51</td><td>PZB</td><td></td><td></td></tr><tr><td>3</td><td>LZB</td><td></td><td></td></tr><tr><td>22</td><td>KVB</td><td></td><td></td></tr><tr><td>52</td><td>EVM</td><td></td><td></td></tr><tr><td>11</td><td>ZUB</td><td></td><td></td></tr><tr><td>31</td><td>ATB</td><td></td><td></td></tr><tr><td>32</td><td>ATBNG</td><td></td><td></td></tr></tbody></table>	CCS	TSI	Class	A:	ETCS	Level		0	ETCS	Level		NSC	ETCS	Level		1	ETCS	Level		2	ETCS	Level		3	PZB				LZB				Crocodile				TBL			1	TBL			2	TVM		430TBL1+		EBICAB			700	LS				ZUB			123	ALSN				ATP-VR/RHK				KVB				TVM			300	TVM			430	KVBP				KCVP				KCVB				NEXTEO				DAAT				EVM				CAWS				ATP				BACC				RSDD/SCMT				SSC				MEMOR			II+	SHP				PKP				ASFA				EBICAB			900	SELCAB				SIGNUM				ZUB				ATB	1st		Gen	ATB	Next		Gen	GW			ATP	RETB				TPWS				91	ETCS		L1	92	ETCS		L2	51	PZB			3	LZB			22	KVB			52	EVM			11	ZUB			31	ATB			32	ATBNG		
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ETCS	Level	0
ETCS	Level	NSC
ETCS	Level	1
ETCS	Level	2
ETCS	Level	3
ERA/TD/2011-11, PZB	Class	B:
LZB		
Crocodile		
TBL		1
TBL		2
TVM		430TBL1+
EBICAB		700
LS		
ZUB		123
ALSN		
ATP-VR/RHK		
KVB		
TVM		300
TVM		430
KVBP		
KCVP		
KCVB		
NEXTEO		
DAAT		
EVM		
CAWS		
ATP		
BACC		
RSDD/SCMT		
SSC		
MEMOR		II+
SHP		
PKP		
ASFA		
EBICAB		900
SELCAB		
SIGNUM		
ZUB		
ATB	1st	Gen
ATB	Next	Gen
GW		ATP
RETB		
TPWS		
UIC Leaflet 407-1 Codes (legacy) are covered in the ERA/TD/2011-11:		
91	ETCS	L1
92	ETCS	L2
51	PZB	
3	LZB	
22	KVB	
52	EVM	
11	ZUB	
31	ATB	

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32    ATBNG
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element **TrainCompositionJourneySection**

diagram	<p>TrainCompositionJourneySection Defines the make up of a train for each section of its journey</p> <ul style="list-style-type: none"> JourneySection Defines the data provided by the IM for a journey section TrainRunningData Train relevant data for a running train Locolident 0..∞ Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train LivestockOrPeopleIndicator 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.' WagonData 0..∞ Wagon relevant data for the wagons within a running train
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	JourneySection TrainRunningData Locolident LivestockOrPeopleIndicator WagonData
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> <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 </pre>

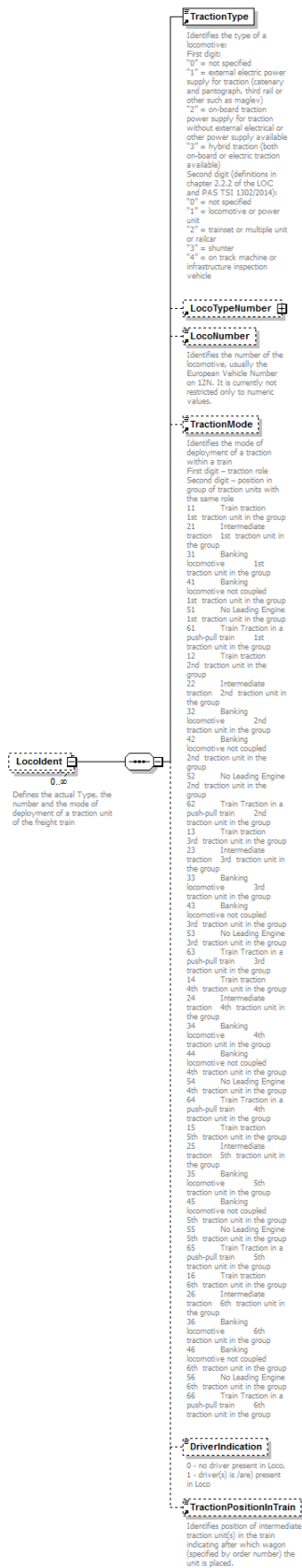
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</xs:annotation>
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  <xs:sequence>
    <xs:element ref="TractionType"/>
    <xs:element ref="LocoTypeNumber" minOccurs="0"/>
    <xs:element ref="LocoNumber" minOccurs="0"/>
    <xs:element ref="TractionMode" 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:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="LivestockOrPeopleIndicator"/>
<xs:element ref="WagonData" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **TrainCompositionJourneySection/Locoldent**

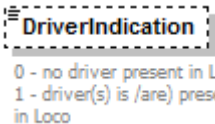
diagram

namespace <http://www.era.europa.eu/schemes/TAFTSI/2.4>

properties minOcc 0

	maxOcc unbounded content complex
children	TractionType LocoTypeNumber LocoNumber TractionMode DriverIndication TractionPositionInTrain
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="LocoTypeNumber" minOccurs="0"/> <xs:element ref="LocoNumber" minOccurs="0"/> <xs:element ref="TractionMode" 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:sequence> </xs:complexType> </xs:element> </pre>

element **TrainCompositionJourneySection/Locoldent/DriverIndication**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1
annotation	documentation 0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco
source	<pre> <xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> </pre>

```

<xs:restriction                                     base="xs:integer">
  <xs:enumeration                                   value="0"/>
  <xs:enumeration                                   value="1"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **TrainCompositionMessage**

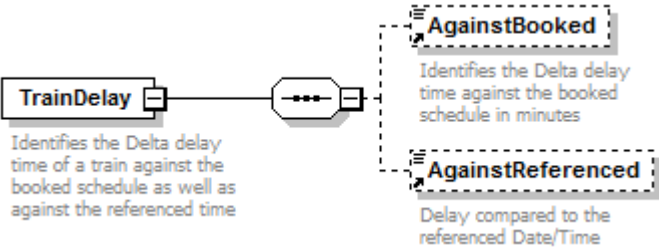
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN TransferPoint TransfereeIM TrainCompositionJourneySection
annotation	documentation This message 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"/> </pre>

	<pre> <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>
--	--

element **TrainContactDetails**

diagram	<div><div><div>☰</div><div>TrainContactDetails</div></div><div>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.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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	<div>documentation</div> <div>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.</div>									
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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:sequence> </xs:complexType> </xs:element> </pre>
--------	---

element **TrainDelayCauseMessage**

diagram	<p>TrainDelayCauseMessage</p> <p>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</p> <ul style="list-style-type: none"> MessageHeader (+): Used for all messages MessageStatus (+): Assigned by the Sender 1=creation, 2=modification, 3=deletion TrainOperationalIdentification (+): (Optional) OperationalTrainNumberIdentification (+): (Optional) ReferenceOTN (+): (Optional) ResponsibleRU (+): (Optional) RU Responsible for the physical operation of the train or wagon DelayEventReport (+): (Optional) Provides the detailed information about a single delay event (Replaced DelayReasonReport) TransferPoint (+): (Optional) Transfer point or station of destination in the considered network TransfereeIM (+): (Optional) Next IM
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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"/> <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 **TrainForecastAtReportingLocationMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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> </pre>

	<pre> <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 **TrainID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	CompositIdentifierOperationalType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements ArrivalInterchangeReport DepartureInterchangeReport WagonInterchangeNoticeMessage WagonInterchangeSubNoticeMessage
source	<pre><xs:element name="TrainID" type="CompositIdentifierOperationalType"/></pre>

element **TrainInformation**

diagram	<p>TrainInformation Train information provided by the RUs as an overview for the entire train journey from origin to destination</p> <p>PlannedJourneyLocation Any operation point along a train journey</p> <p>PlannedCalendar 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.</p> <p>PathPlanningReferenceLocation 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.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	PlannedJourneyLocation PlannedCalendar PathPlanningReferenceLocation
used by	element PathRequestMessage
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> </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:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </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	<p>PathPlanningReferenceLocation</p> <p>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.</p> <p>LocationIdent (extension)</p> <ul style="list-style-type: none"> 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/2.4
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	<p>documentation</p> <p>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.</p>
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	<div><div><div>TrainJourneyModificationIndicator...</div></div><p>This indicates what has changed in the train running e.g. rerouting, cancellation etc..</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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:restriction> </xs:simpleType> </xs:element></pre>									

```

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


```

element **TrainJourneyModificationMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN TrainJourneyModification ModificationReason TrainJourneyModificationTime Remarks

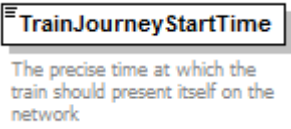
	TransferPoint InternalReferenceIdentifier TransfereeIM
annotation	documentation This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed
source	<pre> <xs:element name="TrainJourneyModificationMessage"> <xs:annotation> <xs:documentation> This message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

element **TrainJourneyModificationTime**

diagram	 <p>Indicates the time time when the modification was made to the train journey</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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>

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

element **TrainJourneyStartTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	<div><div><div><div><div></div><div>TrainLength</div></div></div><div>The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	Numeric4-4									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData									
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 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> </xs:element></pre>									

element **TrainLocationReport**

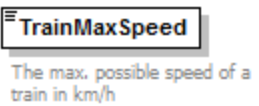
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Location LocationDateTime TrainLocationStatus BookedLocationDateTime ReferencedLocationDateTime TrainDelay
used by	elements TrainRunningForecastMessage TrainRunningInformationMessage
annotation	documentation Specifies the relevant running data of a train related to a specific location
source	<pre> <xs:element name="TrainLocationReport"> <xs:annotation> <xs:documentation>Specifies the relevant running data of a train related to a 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:sequence> </xs:complexType> </pre>

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

element **TrainLocationStatus**

diagram	<div><div><div><div><div></div><div>TrainLocationStatus</div></div></div><div>Identifies the status of a train related to the actual time at a reporting point</div></div></div>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	RunningStatus		
properties	content	simple	
used by	elements	ChangeofTrackMessage DelayEventReport LocationModified TrainAtLocation TrainLocationReport	
facets	Kind	Value	Annotation
	enumeration	00	
	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	
annotation	documentation	Identifies the status of a train related to the actual time at a reporting point	
source	<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>		

element **TrainMaxSpeed**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		

type	Speed		
properties	content simple		
used by	elements	PlannedTrainTechnicalData TrainRunningTechData	
facets	Kind	Value	Annotation
	minInclusive	001	
	maxInclusive	999	
annotation	documentation The max. possible speed of a train in km/h		
source	<pre><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></pre>		

element **TrainNotAtInterruptionPoint**

diagram	<div><div><div>TrainNotAtInterruptionPoint</div></div><p>It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainRunningInterruptionMessage									
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	<p>The diagram shows the structure of the TrainOperationalIdentification element. It is a complex type containing a sequence of two elements:</p> <ul style="list-style-type: none"> TransportOperationalIdentifiers: Occurs 1 to infinity times (1..∞). A note indicates that according to the new identifier structure, the ObjectType must be used to differ between train and path id. RelatedTransportOperationalId...: Occurs 0 to infinity times (0..∞). A note indicates that according to the new identifier structure, the ObjectType must be used to differ between train and path id.
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	TransportOperationalIdentifiers RelatedTransportOperationalIdentifiers
used by	elements ChangeofTrackMessage TrainAtLocation TrainDelayCauseMessage 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 **TrainReadyMessage**

diagram	<p>TrainReadyMessage</p> <p>This message is sent from an RU to an IM indicating that the train is ready for access to the network.</p> <ul style="list-style-type: none"> MessageHeader Used for all messages Message Status Assigned by the Sender 1=creation, 2=modification, 3=deletion TransportOperationalIdentifiers 0..∞ OperationalTrainNumberIdentifi... ReferenceOTN ResponsibleRU RU Responsible for the physical operation of the train or wagon 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. TrainLocation Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code TrainReadyStatus TransferPoint Transfer point or station of destination in the considered network where the Reference Train Numbers refers to TransfereeIM Next IM TrainStartTime The Date and Time at which the tain actually started the journey TrainReadyTime 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/2.4
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 ref="DelayCause" minOccurs="0"/> </xs:sequence> </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 </pre>

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>
```

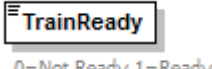
element **TrainReadyMessage/TrainLocation**

diagram	<p>The diagram illustrates the structure of the TrainLocation element. It is a complex type containing four fields: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. The entire structure is enclosed in a dashed box labeled LocationIdent. The TrainLocation element is shown as a dashed box with a description: "Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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**

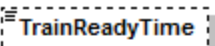
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 0 maxOcc 1 content complex
children	TrainReady TrainDelay DelayCause
source	<pre> <xs:element name="TrainReadyStatus" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not 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 ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainReadyMessage/TrainReadyStatus/TrainReady**

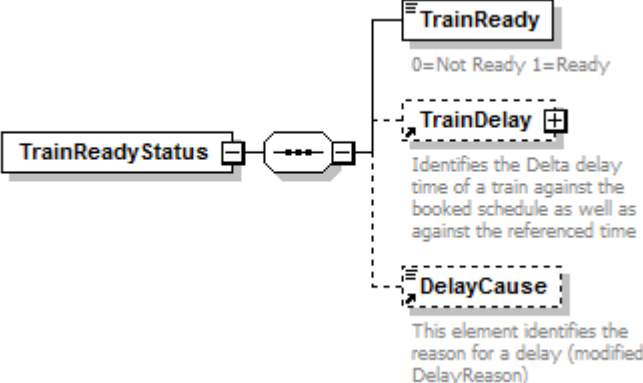
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>0</td><td></td></tr><tr><td>enumeration</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"></pre>									

	<pre> <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/TrainReadyTime**


diagram	 <p>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.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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	 <p>0=Not Ready 1=Ready</p> <p>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time</p> <p>This element identifies the reason for a delay (modified DelayReason)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4

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	 <p>0=Not Ready 1=Ready</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
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></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 **TrainRunningData**

diagram	<p>TrainRunningData Train relevant data for a running train</p> <p>TrainRunningTechData Shows the relevant technical data for a running train</p> <p>ExceptionalGaugingInd Indicates that an exceptional gauging is in the train or for the wagon - (true/false)</p> <p>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</p> <p>Activities 0..99</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	TrainRunningTechData ExceptionalGaugingInd DangerousGoodsIndicator Activities
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> </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 name="TrainActivity"/> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRunningData/Activities**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 0 maxOcc 99 content complex
children	TrainActivityType ActivityLocationIdent
source	<pre><xs:element name="Activities" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element <xs:element name="ActivityLocationIdent" ref="TrainActivity"/> type="LocationIdent"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **TrainRunningData/Activities/TrainActivityType**

diagram	<div><div><div>TrainActivityType</div><div></div></div><div><div>TrainActivityType</div><div><p>Indicates certain treatments or operations required for a train. If national codes are used, the first 2 portion will be the ISO country code, followed by 60 bits.</p><p>0001 Commercial stop RU: Scheduled passenger train, load/unload freight train 0002 Operational stop IM: Stops needed by the IM (e.g. en-passing by another train) 0003 Service stop RU/DM: Stops which are used for non-commercial activities (e.g. boarding of staff) 0004 System stop RU/DM: allowing the RU to change a system (e.g. signalling system, safety system) 0005 Reversing stop RU/DM: stop to enable train unit to run in the opposite direction (technical change of engine) 0006 Stops for reversing move or driver change with 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 be used 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 coach/wagon RU/DM e.g. at origin or intermediate station 0009 Change gauge RU/DM: connection on a network with a different gauge with change of bogies or substitution of the axle (P=4, D=5+V=7) 0010 attach engine/unit RU: Unit not previously in service 0011 detach engine/unit RU: Unit not previously in service 0012 change engine in service 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 in order for several hours 0019 Mail parcel services RU 0020 allowing RU actual activity of shunting 0021 allowing service RU Request for shunting service (if allowed by the IM or a third party) 0022 Terminal service (terminal in the meaning of final destination) RU Request for service at the end of train unit (if allowed by the IM or a third party) 0023 Loss driver change RU 0024 Loss driver break RU: legal break e.g. to respect working time 0025 Crew change RU: different to loss driver change as for the change of the crew position will be needed 0026 Crew and passport facilities RU 0027 Other stop reason (non-scheduled) RU/DM 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 be 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, may continue as soon as all passengers have disembarked 0033 No waiting for connection RU 0034 Warning RU Indicates the IM that a track with water access will be needed. 0035 Warning Indicates the IM that a track with heating equipment will be needed. 0036 Cleaning RU 0037 Treatment on plants and live animals RU: Warning 0038 Filtering, filling, spraying, cleaning, ventilation RU: Cleaning, ventilation 0039 Treatment of perishable goods RU 0040 Checking the temperature RU: Warning, Checking the proper functioning of the mechanical refrigeration equipment, checking machinery on or off 0041 Administrative operation RU 0042 Waiting, Reversing Submission to phytosanitary inspection 0043 Run Through (Passing Time) IM 0044 Photo run-by / Photo-run 0045 Train shunting Waiting according to local rule 0046 Train running with another train RU Where trains have been attached at a previous location on the schedule 0047 Connecting service to other train RU Association where there is a need to define a relationship between a train and its next service. The same vehicle is used for the next train service. Also called "train-use turnover" 0048 Connecting service from other train RU Association where there is a need to define a relationship between a train and its previous service. The same vehicle is reused from the previous train service. National / company codes Examples: Numbers 00 to 99 may be used for IM for Network national purposes, but adding ISO country code C001 Stop from new stop opening day UK00 Stop shorter than 12 min IT00 Train report stop cancelled</p><div>AssociatedAttachedTrain</div><div>AssociatedAttachedOTN</div></div></div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	TrainActivityType

properties	content complex
children	TrainActivityType AssociatedAttachedTrainID AssociatedAttachedOTN
used by	complexType TrainActivityType
source	<code><xs:element name="TrainActivityType" type="TrainActivityType"/></code>

element TrainRunningData/Activities/ActivityLocationIdent

diagram	<p>The diagram illustrates the structure of the ActivityLocationIdent element. It is a complex type containing four child elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. The diagram shows the ActivityLocationIdent element connected to a container box labeled LocationIdent, which then contains the four child elements. CountryCodeISO is described as "Identifies a County or State by code (ISO 3166-1)". LocationPrimaryCode is described as "Location Name in an offication language of the Country using the ISO Unicode alphabet". PrimaryLocationName is described as "Code, Name and allocation company of Subsidiary Location". LocationSubsidiaryIdentification is described as "Code, Name and allocation company of Subsidiary Location".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
source	<code><xs:element name="ActivityLocationIdent" type="LocationIdent"/></code>

element **TrainRunningForecastMessage**

diagram	<p>TrainRunningForecastMessage</p> <p>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</p> <p>MessageHeader Used for all messages</p> <p>MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion</p> <p>TrainOperationalIdentification</p> <p>OperationalTrainNumberIdentifi...</p> <p>ReferenceOTN</p> <p>ResponsibleRU RU Responsible for the physical operation of the train or wagon</p> <p>TrainLocationReport Specifies the relevant running data of a train related to a specific location</p> <p>TransferPoint Transfer point or station of destination in the considered network</p> <p>TransfereeIM Next IM</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereeIM
annotation	<p>documentation</p> <p>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</p>
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 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></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="TrainLocationReport"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **TrainRunningInformationMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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"></pre>

```

<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
location.</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="MessageHeader"/>
    <xs:element ref="MessageStatus">
      <xs:annotation>
        <xs:documentation>Assigned by the Sender 1=Creation,
2=Modification, 3=deletion</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="TrainOperationalIdentification" minOccurs="0"/>
    <xs:element ref="OperationalTrainNumberIdentifier"/>
    <xs:element ref="ReferenceOTN" minOccurs="0"/>
    <xs:element ref="ResponsibleRU" minOccurs="0"/>
    <xs:element ref="TrainLocationReport"/>
    <xs:element ref="TransferPoint" minOccurs="0"/>
    <xs:element ref="TransfereeIM" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

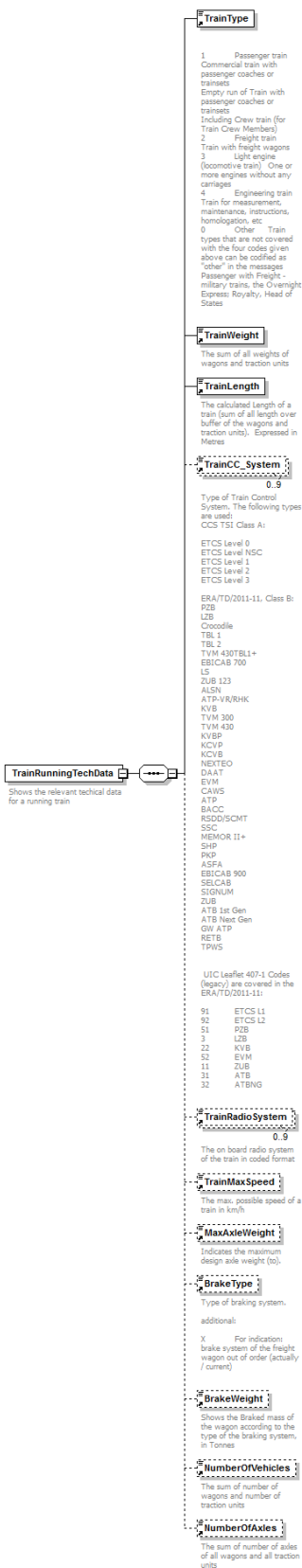
element **TrainRunningInterruptionMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU InterruptionPoint TrainNotAtInterruptionPoint 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> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre><xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="InterruptionPoint" minOccurs="0"/> <xs:element ref="TrainNotAtInterruptionPoint" minOccurs="0"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>
--	--

element **TrainRunningTechData**

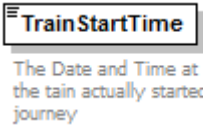
diagram

namespace <http://www.era.europa.eu/schemes/TAFTSI/2.4>

properties content complex

children	TrainType TrainWeight TrainLength TrainCC_System TrainRadioSystem TrainMaxSpeed MaxAxleWeight BrakeType BrakeWeight NumberOfVehicles NumberOfAxles
used by	element TrainRunningData
annotation	documentation Shows the relevant technical data for a running train
source	<pre> <xs:element name="TrainRunningTechData"> <xs:annotation> <xs:documentation>Shows the relevant technical 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="BrakeWeight" minOccurs="0"/> <xs:element ref="NumberOfVehicles" minOccurs="0"/> <xs:element ref="NumberOfAxles" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element TrainStartTime

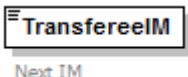
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	xs:dateTime
properties	content simple
used by	element TrainReadyMessage
annotation	documentation The Date and Time at which the train actually started the journey
source	<pre> <xs:element name="TrainStartTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The Date and Time at which the train actually started the journey</xs:documentation> </xs:annotation> </xs:element> </pre>

element TrainWeight

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of WeightValueTonne		
properties	content simple		
used by	elements PlannedTrainTechnicalData TrainRunningTechData		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
annotation	documentation The sum of all weights of wagons and traction units		
source	<pre><xs:element name="TrainWeight"> <xs:annotation> <xs:documentation>The sum of all weights of wagons and traction units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WeightValueTonne" <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element TransfereeIM

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	CompanyCode									
properties	content simple									
used by	elements ChangeofTrackMessage TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></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 Next IM									
source	<pre><xs:element name="TransfereeIM" type="CompanyCode"> <xs:annotation> <xs:documentation>Next IM</xs:documentation> </xs:annotation> </xs:element></pre>									

element **TransferPoint**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements ChangeofTrackMessage TrainCompositionMessage TrainDelayCauseMessage 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**

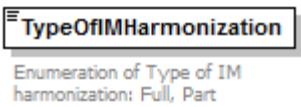
diagram	<div><div><div>≡</div><div>TransportInstruction</div></div><div>Special instructions regarding the transportation of the wagon or shipment in free text</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	FreeText									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
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</pre>									

the wagon or shipment in free text</xs:documentation>
 </xs:annotation>
 </xs:element>

element **TransportOperationalIdentifiers**

diagram	<p>TransportOperationalIdentifiers</p> <p>CompositIdentifierOperationalType (extension)</p> <ul style="list-style-type: none"> ObjectType: Provides a possibility for differentiation between the objects: Train, Path, Case Reference and Path Request 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/2.4
type	extension of CompositIdentifierOperationalType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements ErrorMessage TrainCompositionMessage TrainOperationalIdentification TrainReadyMessage
source	<pre> <xs:element name="TransportOperationalIdentifiers"> <xs:complexType> <xs:complexContent> <xs:extension base="CompositIdentifierOperationalType"/> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **TypeOfIMHarmonization**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	TypeOfIMHarmonizationCode									
properties	content simple									
used by	elements PathDetailsMessage PathRequestMessage									
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></table>	Kind	Value	Annotation	enumeration	Full		enumeration	Part	
Kind	Value	Annotation								
enumeration	Full									
enumeration	Part									
annotation	documentation Enumeration of Type of IM harmonization: Full, Part									
source	<pre><xs:element name="TypeOfIMHarmonization" type="TypeOfIMHarmonizationCode"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> </xs:element></pre>									

element **TypeOfInformation**

diagram	<div><div><div>TypeOfInformation</div></div><div>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</div></div>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	TypeOfInformationCode		
properties	content	simple	
used by	elements	PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage	
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 harmonisation - completed
	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 Preparation of draft offer - accepted
	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 30	documentation Create Dossier
	enumeration 31	documentation Close Dossier
	enumeration 40	documentation Fully Assembled Path (FAP, constructed path)
	enumeration 41	documentation Final Offer rejected
	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
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	<code><xs:element name="TypeOfInformation" type="TypeOfInformationCode"></code> <code><xs:annotation></code> <code><xs:documentation> Enumeration indicating to which process step / process</code> <code>type in the planning does the message belong: path study; pre-</code>	

	arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation</xs:documentation> </xs:annotation> </xs:element>
--	--

element **TypeOfRequest**

diagram	<div><div>TypeOfRequest</div><p>Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)</p></div>																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4																		
type	TypeOfRequestCode																		
properties	content simple																		
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage																		
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>9</td><td></td></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9		enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation																	
minInclusive	1																		
maxInclusive	9																		
enumeration	1																		
enumeration	2																		
enumeration	3																		
annotation	documentation Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)																		
source	<xs:element name="TypeOfRequest" type="TypeOfRequestCode"> <xs:annotation> <xs:documentation> Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3) </xs:documentation> </xs:annotation> </xs:element>																		

element **TypeOfRUHarmonization**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
type	TypeOfRUHarmonizationCode												
properties	content simple												
used by	elements PathDetailsMessage PathRequestMessage												
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	<div>documentation</div> <div>Type of RU harmonization: Full, Part, None.</div>												

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>
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element TypeofService

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	SpecialServiceDescriptionCode FacilityTypeDescriptionCode CharacteristicDescriptionCode
used by	element 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> <xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element TypeofService/SpecialServiceDescriptionCode


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	type7161CodeList
properties	minOcc 0 maxOcc unbounded content simple

facets	Kind	Value	Annotation
	maxLength	3	
	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

	enumeration	25	0 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

	<div>enumeration 38</div> <div>documentation Postal services documentation Postal services available documentation 0 documentation Meal at the seat documentation Meal is provided at the seat documentation 0</div> <div>enumeration 39</div> <div>documentation Self service documentation Self service meals documentation 0</div> <div>enumeration 40</div> <div>documentation Overnight stay documentation Overnight stay possible on board documentation 0</div> <div>enumeration 41</div> <div>documentation Luggage transport documentation Luggage transport offered documentation 0</div> <div>enumeration 42</div> <div>documentation Luggage transport excluded documentation Luggage transport is not offered documentation 0</div> <div>enumeration 43</div> <div>documentation Music documentation Music documentation 0</div> <div>enumeration 44</div> <div>documentation Check-in documentation Time at which the traveller checks in documentation 0</div> <div>enumeration 45</div> <div>documentation Check-out documentation Time at which the traveller checks out documentation 0</div>
source	<xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/>

element **TypeofService/FacilityTypeDescriptionCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	type9039CodeList
properties	<div>minOcc0</div> <div>maxOccunbounded</div> <div>contentsimple</div>

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 0
	enumeration	8	documentation Sleeperette documentation Sleeperette or reclining seat documentation 0
	enumeration	9	documentation Restaurant documentation Restaurant facility documentation 0
	enumeration	11	documentation First-class sleeper, single documentation First-class sleeper, single documentation 0
	enumeration	12	documentation First-class sleeper, special documentation First-class sleeper, special documentation 0
	enumeration	13	documentation First-class sleeper, double documentation First-class sleeper, double documentation 0
	enumeration	14	documentation Vehicle transport documentation

		Facilities for vehicle transport etc. Not bicycles. documentation
		Cars, boats, trailers, motorbikes, documentation
		0
enumeration	15	documentation Second-class, sleeper, T2 documentation Second-class sleeper, T2 (two-bed compartment) documentation
		0
enumeration	16	documentation Second-class sleeper, T3 documentation Second-class sleeper, T3 (three-bed compartment) documentation
		0
enumeration	17	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

		<p> RENFE documentation 0 </p>
enumeration	58	<p> documentation First-class sleeper, double shower, WC, documentation First-class sleeper, double with shower and WC documentation RENFE documentation 0 </p>
enumeration	59	<p> documentation Second class sleeper, T3, shower, WC documentation Second class sleeper, T3, shower, WC documentation 0 </p>
enumeration	60	<p> documentation Second class sleeper double documentation Second class sleeper for two documentation 0 </p>
enumeration	61	<p> documentation Second class sleeper double shower/toilets documentation Second class sleeper for two with shower and toilets documentation 0 </p>
enumeration	62	<p> documentation Second-class, couchette, two-bed, C2 documentation Second class compartment with 2 couchettes documentation 0 </p>
enumeration	63	<p> documentation Second-class, couchette, four-bed, C4 documentation Second class compartment with 4 couchettes documentation 0 </p>
enumeration	64	<p> documentation Second-class, couchette, six-bed, C6 documentation Second class compartment with 6 couchettes documentation 0 </p>
enumeration	65	<p> documentation Second class couchette wheelchair documentation Second class couchette with wheelchair space documentation 0 </p>
enumeration	66	<p> documentation Executive class documentation A class with comfort level higher than first class documentation Trenitalia documentation 1 </p>
enumeration	67	<p> documentation Business class documentation First class documentation Trenitalia documentation 1 </p>
enumeration	68	<p> documentation Premium class documentation A second class with comfort level higher than normal second class documentation </p>

	<div>enumeration69</div> <div>Trenitalia documentation 1 documentation Standard class documentation Trenitalia's normal second class documentation Trenitalia documentation 1</div> <div>enumeration70</div> <div>documentation Unified class documentation For services with no class differentiation. A service with only one class documentation UIC documentation 1</div> <div>enumeration101</div> <div>documentation Metro connection documentation Metro, subway, underground connection documentation Only used in TSDUPD documentation 0</div> <div>enumeration102</div> <div>documentation Taxi connection documentation Taxi connection documentation Only used in TSDUPD documentation 0</div> <div>enumeration103</div> <div>documentation Bus connection documentation Bus connections available documentation Used only in TSDUPD documentation 0</div> <div>enumeration104</div> <div>documentation Tram connection documentation Tram connections available documentation Used only in TSDUPD documentation 0</div> <div>enumeration105</div> <div>documentation 2nd Class couchette five beds C5 documentation 2nd Class couchette five beds C5 documentation DB Nachtzug documentation 0</div>
source	<div><xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/></div>

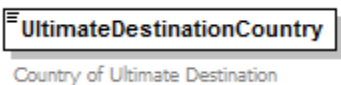
element TypeofService/CharacteristicDescriptionCode

diagram	<div></div>
namespace	<div>http://www.era.europa.eu/schemes/TAFTSI/2.4</div>

type	type7037CodeList		
properties	minOcc	0	
	maxOcc	unbounded	
	content	simple	
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

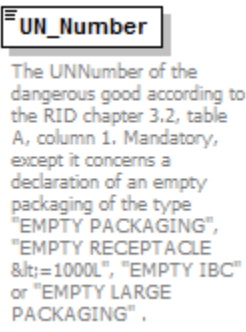
	enumeration	20	documentation Reservation in first class only documentation Reservation is only possible in first documentation 0
	enumeration	21	documentation Reservation compulsory from origin station documentation Reservation compulsory from origin station documentation 0
	enumeration	22	documentation 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
	source	<xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/>	

element **UltimateDestinationCountry**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	CountryIdentISO
properties	content simple
used by	element ITU Details

facets	Kind minLength maxLength	Value 2 2	Annotation
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>		

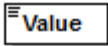
element **UN_Number**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:string		
properties	content	simple	
used by	element	SummaryOfGoodsWithSameRID	
facets	Kind length pattern	Value 4	Annotation
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .		
source	<pre><xs:element name="UN_Number"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **ValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	StartDateTime EndDateTime
used by	elements PlannedCalendar RequestedCalendar
source	<pre> <xs:element name="ValidityPeriod"> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime"/> <xs:element ref="EndDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

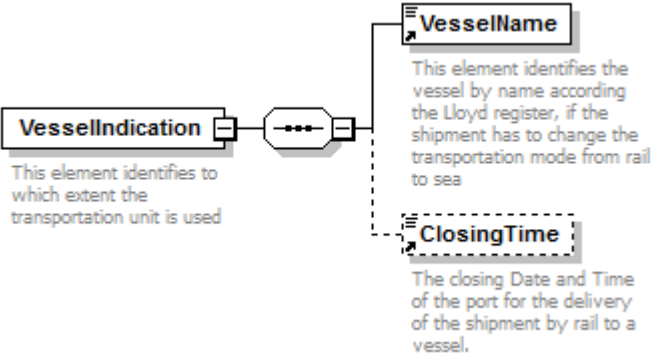
element **Value**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
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	<div><div><div>Variant</div></div><p>The variant shows a relationship between two identifiers referring to the same business case</p></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
type	restriction of xs:string												
properties	content simple												
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType												
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><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" value="2"/> <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/2.4
properties	content complex
children	VesselName ClosingTime
used by	elements WIMO Dataset/EventLevelData Ship
annotation	documentation This element identifies to which extent the transportation unit is used
source	<pre> <xs:element name="VesselIndication"> <xs:annotation> </pre>

	<pre> <xs:documentation>This element identifies to which extent the transportation unit is used</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ClosingTime" ref="VesselName"/> <xs:element minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **VesselName**

diagram	<div><div><div>VesselName</div></div><p>This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</p></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	Name						
properties	content simple						
used by	element VesselIndication						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>maxLength</td><td>254</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	254	
Kind	Value	Annotation					
maxLength	254						
annotation	<div>documentation</div> <p>This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</p>						
source	<pre><xs:element name="VesselName" type="Name"> <xs:annotation> <xs:documentation>This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</xs:documentation> </xs:annotation> </xs:element></pre>						

element **Volume**

diagram	 <p>Identifies the volume of a shipment, expressed in cubic metres</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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>

```
</xs:annotation>
</xs:element>
```

element **WagonArrivalNoticeMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader WagonInformation ArrivalAtDestination
annotation	<p>documentation</p> <p>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has arrived at its yard.</p>
source	<pre><xs:element name="WagonArrivalNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has arrived at its yard.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="ArrivalAtDestination"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonAtDeparture**

diagram	<p>The diagram shows the WagonAtDeparture element (a rectangle with a small square icon) connected to a sequence container (a rounded rectangle with three dots). This container is linked to two child elements: Location (a rectangle with a small square icon) and DepartureTimeAtLocation (a rectangle with a small square icon). The Location element is described as 'Identifies a Location using a LocationIdent'. The DepartureTimeAtLocation element is described as 'the scheduled departure date and time at a defined location'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Location DepartureTimeAtLocation
used by	element WagonDepartureNoticeMessage
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	<p>The diagram shows the WagonData element (a rectangle with a small square icon) connected to a sequence container (a rounded rectangle with three dots). This container is linked to four child elements: WagonNumberFreight (a rectangle with a small square icon), WagonTrainPosition (a rectangle with a small square icon), WagonOperationalData (a rectangle with a small square icon and a plus sign), and WagonTechData (a rectangle with a small square icon and a plus sign). The WagonNumberFreight element is described as 'Identifies uniquely the freight wagon by its number'. The WagonTrainPosition element is described as 'Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.'. The WagonOperationalData element is described as '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.'. The WagonTechData element is described as 'This element shows the wagon relevant technical data for the wagons within a running train'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4

properties	content complex
children	WagonNumberFreight WagonTrainPosition WagonOperationalData WagonTechData
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:element ref="WagonTechData"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonDeliveryNoticeMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader WagonInformation DeliveryAtDestination Customers
annotation	documentation This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding.
source	<pre> <xs:element name="WagonDeliveryNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding.</xs:documentation> </xs:annotation> </pre>

```

<xs:complexType>
  <xs:sequence>
    <xs:element ref="MessageHeader"/>
    <xs:element ref="WagonInformation"/>
    <xs:element ref="DeliveryAtDestination"/>
    <xs:element ref="Customers" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

element **WagonDepartureNoticeMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader RelatedReference WagonInformation Customers WagonAtDeparture
annotation	<p>documentation</p> <p>This message is used by the RU in charge to inform the LRU that the wagon has been picked-up (pulled) and has reached the RU's Yard of Departure. This message is the response to the WagonReleaseNoticeMessage.</p>
source	<pre> <xs:element name="WagonDepartureNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the RU in charge to inform the LRU that the wagon has been picked-up (pulled) and has reached the RU's Yard of Departure. This message is the response to the WagonReleaseNoticeMessage.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference" minOccurs="0"/> <xs:element ref="WagonInformation"/> <xs:element ref="Customers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre>	ref="WagonAtDeparture"/>
--	--	--------------------------

element **WagonDeviationMessage**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4	
properties	content complex	
children	MessageHeader RelatedReference WagonNumberFreight ActualETI WagonExceptionReport	
annotation	documentation This message is issued following receipt of an enquiry about the wagon deviation. It delivers a report of all deviations of a specified wagon at all reporting points.	
source	<pre> <xs:element <xs:annotation> <xs:documentation>This message is issued following receipt of an enquiry about the wagon deviation. It delivers a report of all deviations of a specified wagon at all reporting points.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element <xs:element <xs:element <xs:element <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre>	

element **WagonETI_ETA_Message**

diagram	<p>WagonETI_ETA_Message</p> <p>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.</p> <p>MessageHeader Used for all messages</p> <p>RelatedReference Identifies the message to which the actual message refers</p> <p>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</p> <p>ArrivalInterchangeReport The arrival or interchange station where ETI end</p> <p>DepartureInterchangeReport Departure or interchange station ETI Origin</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader RelatedReference WagonInformation ArrivalInterchangeReport DepartureInterchangeReport
annotation	<p>documentation</p> <p>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.</p>
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	<p>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</p> <p>Identifies a Location using a LocationIdent</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	WagonEvent EventDateTime Location
used by	element WIMO Dataset/EventLevelData
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/2.4
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/2.4
type	xs:dateTime
properties	content simple
source	<pre><xs:element name="EventDateTime" type="xs:dateTime"/></pre>

element **WagonExceptionMessage**

diagram	<p>WagonExceptionMessage</p> <p>This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold</p> <p>MessageHeader</p> <p>Used for all messages</p> <p>WagonInformation</p> <p>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</p> <p>WagonExceptionReport</p> <p>Specifies the exceptions of a wagon related to a specific location</p> <p>DangerousGoodsIndication</p> <p>Identifies dangerous goods</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader WagonInformation WagonExceptionReport DangerousGoodsIndication
annotation	documentation This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold
source	<pre> <xs:element name="WagonExceptionMessage"> <xs:annotation> <xs:documentation>This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="WagonExceptionReport"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonExceptionReasonMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader WagonInformation WagonExceptionReport DangerousGoodsIndication
annotation	documentation This message is used by the Lead RU to inform the other RU/Service providers about deviations and to request a new ETI/ETA.
source	<pre> <xs:element name="WagonExceptionReasonMessage"> <xs:annotation> <xs:documentation>This message is used by the Lead RU to inform the other RU/Service providers about deviations and to request a new ETI/ETA.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="WagonExceptionReport"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonExceptionReport**

diagram	<p>WagonExceptionReport Specifies the exceptions of a wagon related to a specific location</p> <p>ExceptionPoint Describes the interruption points with location and the time of the interruption</p> <p>ExceptionReason Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</p> <p>0..∞</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	ExceptionPoint ExceptionReason
used by	elements WagonDeviationMessage WagonExceptionMessage WagonExceptionReasonMessage
annotation	documentation Specifies the exceptions of a wagon related to a specific location
source	<pre> <xs:element name="WagonExceptionReport"> <xs:annotation> <xs:documentation>Specifies the exceptions of a wagon related to a specific location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ExceptionPoint"/> <xs:element ref="ExceptionReason" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonInformation**

diagram	<p>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</p> <p>WagonNumberFreight Identifies uniquely the freight wagon by its number</p> <p>LoadingStatus Loading status of the equipment. 0=Empty, 1=Loaded</p> <p>TotalWeight Total weight of the loaded wagon [kg].</p> <p>GoodsInWagon Goods</p> <p>0..99</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4

properties	content complex
children	WagonNumberFreight LoadingStatus TotalWeight GoodsInWagon
used by	elements WIMO Dataset/ConsignmentLevelData WagonArrivalNoticeMessage WagonDeliveryNoticeMessage WagonDepartureNoticeMessage WagonETI ETA Message WagonExceptionMessage WagonExceptionReasonMessage WagonInterchangeNoticeMessage WagonReleaseNoticeMessage
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	<p>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.</p> <ul style="list-style-type: none"> 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 (+) (dashed) Identifies dangerous goods OperationalTrainNumber (dashed) Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc. TrainID (+) (dashed)
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex

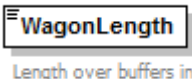
children	MessageHeader WagonInformation DeliveryInterchangePoint DangerousGoodsIndication OperationalTrainNumber TrainID
annotation	documentation This message is used by the RU/Service Provider to ask the neighbouring RU/Service Provider the acceptance of the responsibility for a wagon.
source	<pre> <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**

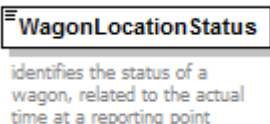
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader WagonNumberFreight AcceptanceInterchangePoint DangerousGoodsIndication OperationalTrainNumber TrainID
annotation	documentation This message is used by the RU/Service Provider to inform the IM that the responsibility is handed over to the next RU/Service Provider
source	<pre> <xs:element name="WagonInterchangeSubNoticeMessage"> </pre>

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

element **WagonLength**

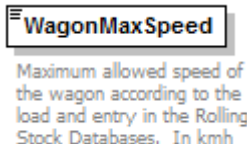
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:int		
properties	content	simple	
used by	element	Wagons/WagonDetails/WagonTypeDetails	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	999999	
annotation	documentation Length over buffers in cms		
source	<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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	RunningStatus

properties	content simple		
used by	element ExceptionPoint		
facets	Kind	Value	Annotation
	enumeration	00	
	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	
annotation	documentation identifies the status of a wagon, related to the actual time at a reporting point		
source	<pre><xs:element name="WagonLocationStatus" type="RunningStatus"> <xs:annotation> <xs:documentation>identifies the status of a wagon, related to the actual time at a reporting point</xs:documentation> </xs:annotation> </xs:element></pre>		

element **WagonMaxSpeed**


diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:int		
properties	content	simple	
used by	element	WagonOperationalData	
facets	Kind	Value	Annotation
	minInclusive	001	
	maxInclusive	999	
annotation	documentation Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh		
source	<pre><xs:element name="WagonMaxSpeed"></pre>		

	<pre> <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	<div><div><div>WagonNumberFreight</div></div><div>Identifies uniquely the freight wagon by its number</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	WagonIdent									
properties	content simple									
used by	elements RollingStockDataset/AdministrativeDataSet AlertMessage RollingStockDatasetMessage/RefusedWagonNumbers RollingStockDatasetQueryMessage WagonData WagonDeviationMessage WagonInformation WagonInterchangeSubNoticeMessage WagonReceivedAtInterchangeMessage WagonRefusedAtInterchangeMessage Wagons WagonYardArrivalMessage WagonYardDepartureMessage									
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> </xs:element></pre>									

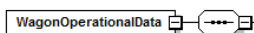
element **WagonNumberOfAxes**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:int									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet 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 Axes 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



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.

additional:

X For indication: brake system of the freight wagon out of order (actually / current)

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. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)

ExceptionalGaugingIdent

Indicates that an exceptional Gauging is in the train or for the wagon

DangerousGoodsDetails

0..99

InfoOnGoods Shape Type Danger

0..9

Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1

Codes to add

are given in the table below:

96 Environmentally hazardous substance (RID 5.2.1.8)
97 More than 8 tons of dangerous goods packaged in limited quantities (LQ)

The following documentation serves for the existing codes:

- 1 Container
- 2 Other intermodal traffic
- 3 Rolling road (RR)
- 6 Semi-Trailer on bogies
- 10 1 - danger of explosion (subclass 1.1, 1.2, 1.3)
- 14 1.4 - danger of explosion (subclass 1.4)
- 15 1.5 - danger of explosion (subclass 1.5)
- 16 1.6 - danger of explosion (subclass 1.6)
- 21 2.1 - inflammable gases
- 22 2.2 - non inflammable, non-toxic gases
- 23 2.3 - toxic gases
- 30 3 - fire hazard (inflammable liquids)
- 41 4.1 - fire hazard (inflammable solids)
- 42 4.2 - spontaneously inflammable
- 43 4.3 - gives off inflammable gas on contact with water
- 51 5.1 - combustible substance
- 52 5.2 - organic peroxide
- 61 6.1 - toxic substance
- 62 6.2 - infectious substance
- 71 7A - radioactive substance in category I packing WHITE
- 72 7B - radioactive substance in category II packing YELLOW
- 73 7C - radioactive substance in category III packing YELLOW
- 74 7D - Common label for radioactive substances included under 7A, 7B + 7C
- 75 7E - fissile substance
- 80 8 - corrosive substance
- 90 Various dangerous substance and objects not covered by the other classes
- 98 Livestock
- 99 Perishables

RestrictionsDueToLoadOrDamage

0..9

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 UTC Leaflet 920-13)

TotalLoadWeight

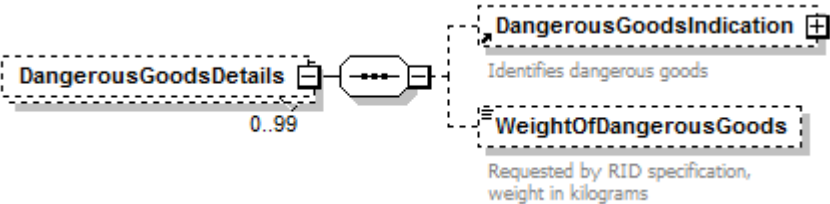
The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment

namespace <http://www.era.europa.eu/schemes/TAFTSI/2.4>

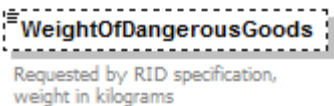
properties content complex

children	BrakeType BrakeWeight WagonMaxSpeed ExceptionalGaugingProfile ExceptionalGaugingIdent DangerousGoodsDetails InfoOnGoodsShapeTypeDanger RestrictionsDueToLoadOrDamage TotalLoadWeight
used by	element 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 name="DangerousGoodsDetails" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element name="WeightOfDangerousGoods" minOccurs="0"> <xs:annotation> <xs:documentation>Requested by RID specification, weight in kilograms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:totalDigits value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <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 **WagonOperationalData/DangerousGoodsDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 0 maxOcc 99 content complex
children	DangerousGoodsIndication WeightOfDangerousGoods
source	<pre> <xs:element name="DangerousGoodsDetails" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element name="WeightOfDangerousGoods" minOccurs="0"> <xs:annotation> <xs:documentation>Requested by RID specification, weight in kilograms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:totalDigits value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonOperationalData/DangerousGoodsDetails/WeightOfDangerousGoods**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
type	restriction of xs:decimal												
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>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>totalDigits</td><td>6</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		totalDigits	6	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
totalDigits	6												
annotation	<div>documentation</div> <div>Requested by RID specification, weight in kilograms</div>												
source	<pre><xs:element name="WeightOfDangerousGoods" minOccurs="0"> <xs:annotation> <xs:documentation>Requested by RID specification, weight in kilograms</xs:documentation> </xs:annotation> </xs:element></pre>												

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:totalDigits value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **WagonPickupAtOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Location DepartureTimeAtLocation
used by	element WagonReleaseNoticeMessage
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader RelatedReference WagonNumberFreight AcceptanceInterchangePoint
annotation	<p>documentation</p> <p>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.</p>
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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>

element **WagonReleaseNoticeMessage**

diagram	<p>WagonReleaseNoticeMessage This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform the RU in charge that the wagon is ready to be pulled.</p> <p>MessageHeader Used for all messages</p> <p>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</p> <p>Customers Information about the consignor and consignee</p> <p>WagonPickupAtOrigin Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader WagonInformation Customers WagonPickupAtOrigin
annotation	<p>documentation</p> <p>This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform the RU in charge that the wagon is ready to be pulled.</p>
source	<pre> <xs:element name="WagonReleaseNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform the RU in charge that the wagon is ready to be pulled.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="Customers" minOccurs="0"/> <xs:element ref="WagonPickupAtOrigin"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Wagons**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	WagonNumberFreight WagonDetails SummaryOfGoodsWithSameRID LoadingTackles Goods ITU RollingRoadUnit
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 </pre>

```

wagon</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element
        <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="500"/>
                  <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:element
                  name="ExceptionalConsignment"
                  minOccurs="0"

```

	<pre> 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="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 ref="ReferenceNumbers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0" maxOccurs="25"/> <xs:choice> <xs:sequence> <xs:element ref="LoadingTackles" minOccurs="0" maxOccurs="99"/> <xs:element ref="Goods" maxOccurs="99"/> </xs:sequence> <xs:element ref="ITU" maxOccurs="25"/> <xs:element ref="RollingRoadUnit" maxOccurs="5"/> </xs:choice> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--


element **Wagons/WagonDetails**

diagram	<p>WagonDetails Details for the specific wagon</p> <ul style="list-style-type: none"> 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 UTI. ExceptionalConsignment 0..10 Exceptional Consignment ShuntingModalLabel Shunting modal label according to chapter 5.3.4 RID ReferenceNumbers This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	LoadingStatus WagonInfo WagonTypeDetails TotalWeight LoadLimit Seals Ship DeliveryReference OriginCountry ExceptionalConsignment ShuntingModalLabel ReferenceNumbers

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:element> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:sequence> <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:complexType> </xs:element> </pre>

	<pre> </xs:element> <xs:element ref="DeliveryReference" minOccurs="0"/> <xs:element ref="OriginCountry" minOccurs="0"/> <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: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 ref="ReferenceNumbers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **Wagons/WagonDetails/WagonInfo**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1

	maxLength 500
annotation	documentation Additional information, concerning the goods of the whole wagon.
source	<pre> <xs:element name="WagonInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole wagon. </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

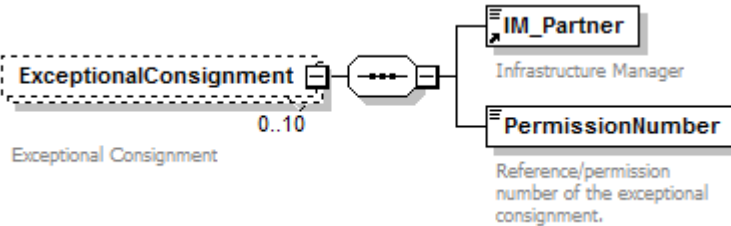
element **Wagons/WagonDetails/WagonTypeDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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: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/2.4
type	restriction of xs:decimal
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 totalDigits 4
annotation	documentation Load limit from table of load limits in [t].
source	<pre><xs:element name="LoadLimit" minOccurs="0"> <xs:annotation> <xs:documentation>Load limit from table of load limits in [t].</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:totalDigits value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Wagons/WagonDetails/ExceptionalConsignment**

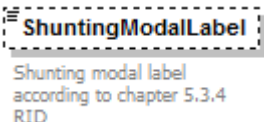
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	minOcc 0 maxOcc 10 content complex
children	IM_Partner PermissionNumber
annotation	documentation Exceptional Consignment
source	<pre> <xs:element name="ExceptionalConsignment" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Exceptional Consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IM_Partner"/> <xs:element name="PermissionNumber"> <xs:annotation> <xs:documentation>Reference/permission number of the exceptional consignment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </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>
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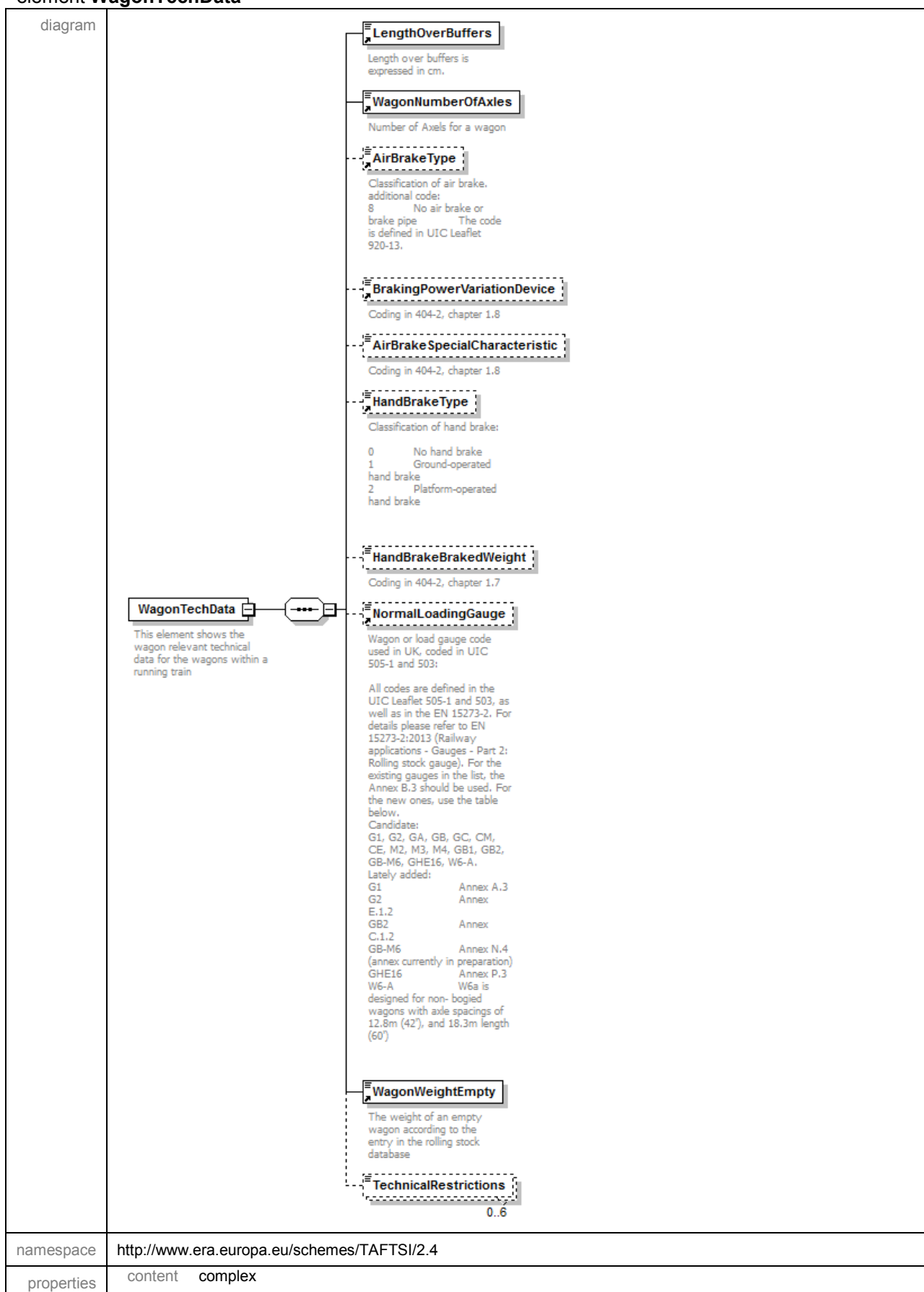
element **Wagons/WagonDetails/ExceptionalConsignment/PermissionNumber**

diagram	<div><div><div>PermissionNumber</div></div><div>Reference/permission number of the exceptional consignment.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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/ShuntingModalLabel**

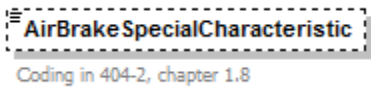
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	restriction of xs:token						
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>13</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	13	
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"> <xs:enumeration value="13"/> <xs:enumeration value="15"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **WagonTechData**

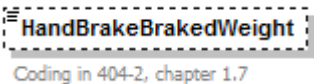
children	LengthOverBuffers WagonNumberOfAxles AirBrakeType BrakingPowerVariationDevice AirBrakeSpecialCharacteristic HandBrakeType HandBrakeBrakedWeight WagonWeightEmpty TechnicalRestrictions NormalLoadingGauge
used by	element WagonData
annotation	documentation This element shows the wagon relevant technical 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>Coding in 404-2, chapter 1.8</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 404-2, chapter 1.7 </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="NormalLoadingGauge" minOccurs="0"/> <xs:element ref="WagonWeightEmpty"/> <xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonTechData/AirBrakeSpecialCharacteristic**

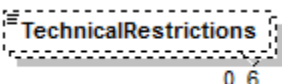
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:integer

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 9
annotation	documentation Coding in 404-2, chapter 1.8
source	<pre><xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.8</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	 <p>HandBrakeBrakedWeight Coding in 404-2, chapter 1.7</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 000 maxInclusive 999
annotation	documentation Coding in 404-2, chapter 1.7
source	<pre><xs:element name="HandBrakeBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.7 </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**

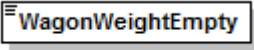
diagram	 <p>TechnicalRestrictions 0..6</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	Numeric2-2

properties	minOcc 0 maxOcc 6 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									
source	<xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/>									

element **WagonTrainPosition**

diagram	<div><div><div>WagonTrainPosition</div></div><p>Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:int									
properties	content simple									
used by	element WagonData									
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	<p>documentation</p> <p>Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.</p>									
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	 <p>The weight of an empty wagon according to the entry in the rolling stock database</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	WeightValueKilo
properties	content simple

used by	elements RollingStockDataset/DesignDataSet 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	<pre><xs:element name="WagonWeightEmpty" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The weight of an empty wagon according to the entry in the rolling stock database</xs:documentation> </xs:annotation> </xs:element></pre>		

element **WagonYardArrivalMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader WagonNumberFreight YardArrival
annotation	documentation This message is used by the RU to inform the LRU that the wagon has arrived at its yard.
source	<pre><xs:element name="WagonYardArrivalMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to inform the LRU that the wagon has arrived at its yard.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="YardArrival"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonYardDepartureMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	MessageHeader WagonNumberFreight YardDeparture
annotation	documentation This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the yard.
source	<pre> <xs:element name="WagonYardDepartureMessage"> <xs:annotation> <xs:documentation>This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the yard.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="YardDeparture"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WeightOfSetOfCarriages**

diagram	<div><div><div>≡</div><div>WeightOfSetOfCarriages</div></div><div>The calculated maximum weight of all carriages without the traction</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	WeightValueTonne									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation The calculated maximum weight of all carriages without the traction									
source	<pre><xs:element name="WeightOfSetOfCarriages" type="WeightValueTonne"> <xs:annotation> <xs:documentation>The calculated maximum weight of all carriages without the traction</xs:documentation> </xs:annotation></pre>									

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

element **WheelDiameter**

diagram	<div><div><div>WheelDiameter</div></div><div>Diameter of wheels measured in mm. Reference wheel diameter at maximum.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></tbody></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	<div><div><div>WheelsetGauge</div></div><div>Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></tbody></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 **Width**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Value Measure
used by	<div>element Dimensions</div> <div>complexType DimensionValue</div>
annotation	documentation Width of ITU
source	<pre> <xs:element name="Width"> <xs:annotation> <xs:documentation>Width of ITU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WIMO_Dataset**

diagram	
---------	--

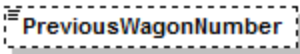
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	ConsignmentLevelData EventLevelData RollingStockDataset
annotation	documentation Comment describing your root element
source	<pre> <xs:element name="WIMO_Dataset"> <xs:annotation> <xs:documentation>Comment describing your root element</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignmentLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="Customer" maxOccurs="2"/> <xs:element ref="ConsignmentNumber"/> <xs:element ref="Goods"/> <xs:element ref="AgreedTimeOfDelivery"/> <xs:element ref="Destination"/> <xs:element ref="WagonInformation"/> <xs:element ref="ContractNumber" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element ref="SpecialTreatments" minOccurs="0"/> <xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/> <xs:element ref="PreviousConsignmentNumber" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="NextIntermediateDestination"/> <xs:element ref="PreviousResponsibleRU"/> <xs:element ref="NextResponsibleRU"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="EventLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="WagonEventInformation"/> <xs:element ref="VesselIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="RollingStockDataset"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WIMO_Dataset/ConsignmentLevelData**

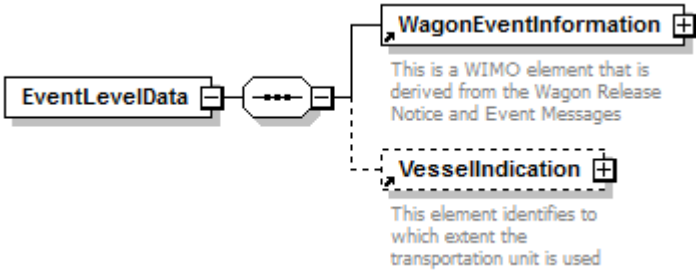
diagram	<p>Customer 1..2 Consignor or Consignee</p> <p>ConsignmentNumber Reference number assigned to a consignment by a lead RU</p> <p>Goods Describes the goods inside the means of transport</p> <p>AgreedTimeOfDelivery The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer sidings</p> <p>Destination Destination Location</p> <p>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</p> <p>ContractNumber Number of agreement between LeadRU and Responsible RU</p> <p>DangerousGoodsIndication Identifies dangerous goods</p> <p>SpecialTreatments Special treatment</p> <p>PreviousWagonNumber </p> <p>PreviousConsignmentNumber This element shows the previous Reference number assigned to a consignment by a lead RU</p> <p>NextIntermediateDestination Identifies next stopping point on the route of a train</p> <p>PreviousResponsibleRU This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point</p> <p>NextResponsibleRU The RU who is responsible for the train operation on the next journey section.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex

children	Customer ConsignmentNumber Goods AgreedTimeOfDelivery Destination WagonInformation ContractNumber DangerousGoodsIndication SpecialTreatments PreviousWagonNumber PreviousConsignmentNumber NextIntermediateDestination PreviousResponsibleRU NextResponsibleRU
source	<pre> <xs:element name="ConsignmentLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="Customer" maxOccurs="2"/> <xs:element ref="ConsignmentNumber"/> <xs:element ref="Goods"/> <xs:element ref="AgreedTimeOfDelivery"/> <xs:element ref="Destination"/> <xs:element ref="WagonInformation"/> <xs:element ref="ContractNumber" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element ref="SpecialTreatments" minOccurs="0"/> <xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/> <xs:element ref="PreviousConsignmentNumber" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="NextIntermediateDestination"/> <xs:element ref="PreviousResponsibleRU"/> <xs:element ref="NextResponsibleRU"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WIMO_Dataset/ConsignmentLevelData/PreviousWagonNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	WagonIdent									
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>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}									
source	<xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/>									

element **WIMO_Dataset/EventLevelData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4

properties	content complex
children	WagonEventInformation VesselIndication
source	<pre> <xs:element name="EventLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="WagonEventInformation"/> <xs:element ref="VesselIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **YardArrival**

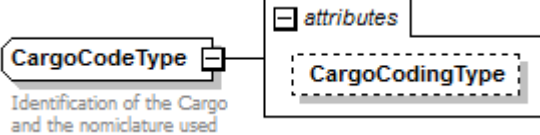
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	Location ArrivalTimeAtLocationActual
used by	element WagonYardArrivalMessage
annotation	documentation The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider
source	<pre> <xs:element name="YardArrival"> <xs:annotation> <xs:documentation>The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="ArrivalTimeAtLocationActual"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **YardDeparture**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4

properties	content complex
children	Location DepartureTimeAtLocation
used by	element WagonYardDepartureMessage
annotation	documentation The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider
source	<pre> <xs:element name="YardDeparture"> <xs:annotation> <xs:documentation>The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

complexType **CargoCodeType**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4					
type	extension of FreeText					
properties	base FreeText					
facets	Kind	Value	Annotation			
	minLength	1				
	maxLength	255				
attributes	Name	Type	Use	Default	Fixed	Annotation
	CargoCodingType	derived by: xs:token				
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" name="CargoCodingType"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="3"/> <xs:enumeration value="NHM"/> <xs:enumeration value="CN"/> </xs:restriction> </xs:simpleType> </xs:extension> </xs:simpleContent> </pre>					

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

attribute CargoCodeType/@CargoCodingType

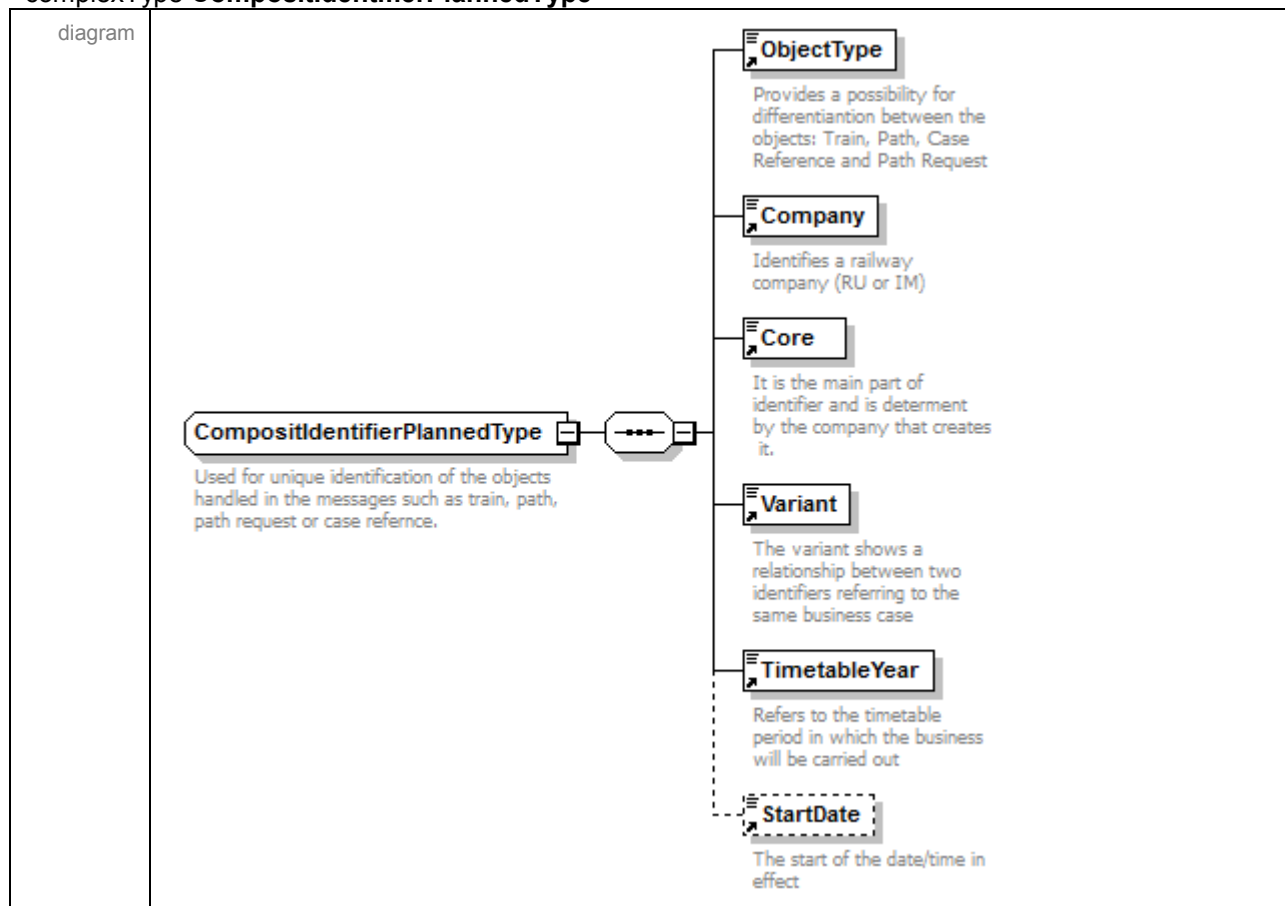
type	restriction of xs:token		
facets	Kind	Value	Annotation
	length	3	
	enumeration	NHM	
	enumeration	CN	
source	<pre><xs:attribute name="CargoCodingType"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="3"/> <xs:enumeration value="NHM"/> <xs:enumeration value="CN"/> </xs:restriction> </xs:simpleType> </xs:attribute></pre>		

complexType CompositIdentifierOperationalType

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
children	ObjectType Company Core Variant TimetableYear StartDate

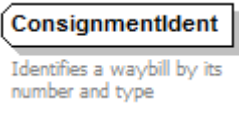
used by	elements RelatedTransportOperationalIdentifiers TrainID TransportOperationalIdentifiers
annotation	documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.
source	<pre> <xs:complexType name="CompositIdentifierOperationalType"> <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"/> <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:sequence> </xs:complexType> </pre>

complexType CompositIdentifierPlannedType



namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements AssociatedAttachedTrainID PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers
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/2.4
type	extension of xs:string
properties	base xs:string
used by	elements 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 CustomerCode

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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/2.4		
type	String1-14		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	14	
source	<xs:element name="PrimaryCode" type="String1-14"/>		

element CustomerCode/AdditionalCode

element AdditionalCode:AdditionalCode			
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	String1-7		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	7	

source	<xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/>
--------	--

complexType **DanGoodsType**

diagram

DanGoodsType

This element indicates the type of a dangerous load

HazardIdentificationNumber**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".

DangerLabel

0.5

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

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

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 <lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".
 I High danger
 The description of the codes is taken from:
 RID chapter 3.2, table A, column 4
 II Medium danger
 III Low danger

DangerousGoodsWeight

The weight of the dangerous goods in Kilograms

DangerousGoodsVolume

The volume of the dangerous goods in cubic meters

LimitedQuantityIndicator

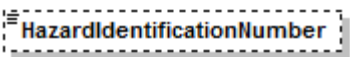
Indicator for labelled dangerous goods in limited quantity according to chapter 3.4 RID

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
children	HazardIdentificationNumber UN_Number DangerLabel RID_Class PackingGroup DangerousGoodsWeight

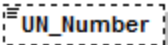
	DangerousGoodsVolume LimitedQuantityIndicator
used by	element DangerousGoodsIndication
annotation	documentation This element indicates the type of a dangerous load
source	<pre> <xs:complexType name="DanGoodsType"> <xs:annotation> <xs:documentation>This element indicates the type of a dangerous load</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs: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:restriction> </xs:simpleType> </xs:element> <xs:element ref="PackingGroup" minOccurs="0"/> <xs:element ref="DangerousGoodsWeight" minOccurs="0"> <xs:annotation> <xs:documentation>The weight of the dangerous goods in Kilograms</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </pre>

	<pre> </xs:annotation> </xs:element> <xs:element name="LimitedQuantityIndicator" type="xs:boolean"> <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**

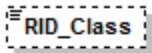
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	4	
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 **DanGoodsType/UN_Number**


diagram	<div></div> <p>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" .</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4						
type	restriction of xs:string						
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
used by	element SummaryOfGoodsWithSameRID						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>length</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	length	4	
Kind	Value	Annotation					
length	4						

	pattern \d*[1-9]\d*
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .
source	<pre> <xs:element name="UN_Number" 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>

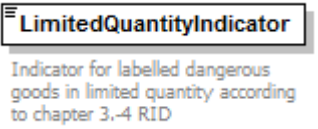
element **DanGoodsType/RID_Class**

diagram	 <p>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	4	
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>									

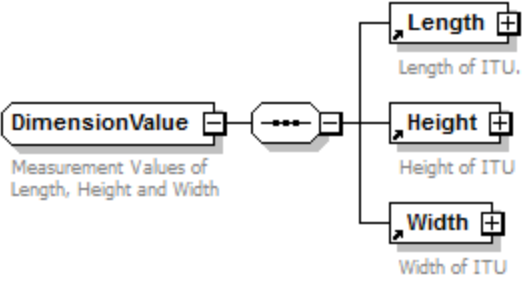
element **DanGoodsType/DangerousGoodsVolume**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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/2.4
type	xs:boolean
properties	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"> <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 **DimensionValue**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
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 LocationIdent

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	<p>elements</p> TrainRunningData/Activities/ActivityLocationIdent ArrivalTrackAtLocation DelayLocation DepartureJourneyTrack DepartureTrackAtLocation Destination ConsignmentOrderMessage/COMS/COM/RU Declarations/DifferentAcceptance/DifferentAcceptan cePoint EndLocation AffectedSection/EndOfSection IntermediateDestination JourneySection/JourneySectionDestination JourneySection/JourneySectionOrigin Location LocationActualTrack LocationPlannedTrack TrainInformation/PathPlanningReferenceLocation PlannedJourneyLocation StartLocation AffectedSection/StartOfSection Station TrainReadyMessage/TrainLocation TransferPoint
annotation	documentation Indication of the Railway or Customer Location
source	<pre> <xs:complexType name="LocationIdent"> <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>

diagram

TrainActivityType

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 9999.

0001 Commercial stop
RU transformation
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. handling 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 re-winding motor 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 rope and change of driver)

0007 Stops for locomotive to run round train
RU stop to enable train unit to run in the opposite direction (both using the same engine at the other end of the rope)

0008 Technical check/inspection
RU/IM e.g. at origin or intermediate stops

0009 Brake test, checking load
RU/IM Change gauge
RU/IM continuation on a network with a different gauge with change of bogies or adaptation of the axle (F=V, V=V, F=V)

0010 Attach engine/unit in service
RU Unit not previously in service

0011 Attach engine/unit
RU Unit no longer in service

0012 Change engine
RU

0013 Detach
RU/IM

0014 Detach
RU/IM

0015 Attach and detach
RU/IM

0016 Attach train
Operational Train (in service)

0017 Detach train
Operational Train (in service)

0018 Parking of vehicle
RU e.g. need to park the train/composition midway for several hours

0019 Railplant service
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
RU/IM the meaning of final destination

0023 Request for service at the end of a train run (if offered by the IM or a third party)

0024 Loop driver change
RU

0025 Loop driver break
RU legal issue, e.g. to meet working time

0026 Crew change
RU

0027 Offsets to leave
driver change as for the change of the train a platform will be needed

0028 Customs and passport facilities
RU

0029 Other stop reason (miscellaneous)
RU/IM

0030 Boarding only
RU

0031 Disembarking only
RU

0032 Stop on request
RU

0033 Departure equals to arrival time
RU
If in 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.

0034 Departure after disembarking
RU
mainly used at the end of train run, may continue as soon as all passengers have disembarked

0035 No waiting for connection
RU

0036 Waiting
RU
Indicates the IM that a track with water access will be needed.

0037 Waiting
RU
Indicates the IM that a track with heating equipment will be needed.

0038 Cleaning / disinfecting
RU

0039 Treatment on plants and live animals
RU
Weeding, Foddering, Hiding, Spraying, Closing ventilation fans, Opening ventilation fans

0040 Treatment of catchable goods
RU
Checking for vermin, Re-crop, Heating, Checking the correct functioning of the mechanical refrigeration equipment, Refuelling machinery, Switching machinery on or off

0041 Administrative operations
RU
Tagging, Re-forwarding, Submission to phytosanitary requirements

0042 Run Through
IM

0043 Photo runby / Photo stop
IM

0044 Train linking
IM
Linking according to local rules

0045 Train running with another train
RU
Where trains have been attached at a previous location on the schedule

0046 Connecting service to other train
RU
Where there is a need to define a relationship between a train and its previous service. The same vehicle is used for the next trip service. Also called "train-set transfer".

0047 Connecting service from other train
RU
Association where there is a need to define a relationship between a train and its previous service. The same vehicle is used from the previous train service.

National / company codes

Examples:
Numbers 00 to 99 may be used by an IM for national seasonal purposes, just adding ISO country code.

C001 Stops from new stop opening day

UNCS Stop shorter than 12 min

T772 Train report stop cancelled

AssociatedAttachedTrainID

TrainID of the Associated Train in an Attached Activity

AssociatedAttachedOTN

Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSM-R services, etc.

namespace

http://www.era.europa.eu/schemes/TAFTSI/2.4

children	TrainActivityType AssociatedAttachedTrainID AssociatedAttachedOTN
used by	elements TrainActivity TrainRunningData/Activities/TrainActivityType
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:sequence> </xs:complexType> </pre>

complexType ValidityPeriod

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
children	StartDate EndDate
used by	elements LocationPrimaryInformation/FreightValidityPeriod LocationValidityPeriod LocationPrimaryInformation/PassengerValidityPeriod
source	<pre> <xs:complexType name="ValidityPeriod"> <xs:sequence> <xs:element ref="StartDate"/> <xs:element ref="EndDate" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

simpleType CauseCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
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/2.4		
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/2.4		
type	restriction of Numeric4-4		
properties	base	Numeric4-4	
used by	elements	AllocationCompany Company CoordinatingIM ConsignmentOrderMessage/COMS/COM/RU Declarations/RU Declaration/DeclaringRU IM Partner ImpactedRU LeadRU NextResponsibleRU PreviousResponsibleRU ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU ConsignmentOrderMessage/COMS/COM Header/ReceivingRU Recipient ResponsibleApplicant ResponsibleIM ResponsibleRU RU Partner Sender ConsignmentOrderMessage/COMS/COM Header/SendingRU TransfereeIM	
facets	Kind	Value	Annotation
	minInclusive	0001	
	maxInclusive	9999	
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="Numeric4-4"> <xs:minInclusive value="0001"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType></pre>		

simpleType CountryIdentISO

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:string

properties	base xs:string
used by	elements CountryCodeISO 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 DeltaTime

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:string
properties	base xs:string
used by	elements AgainstBooked AgainstReferenced
facets	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/2.4
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 The EDT MDV Non	following	values	are	device. defined: 101 100 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/2.4		
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/2.4		
type	restriction of xs:token		
properties	base xs:token		
used by	element	ITU_Type	
facets	Kind	Value	Annotation
	enumeration	cn	documentation Container
	enumeration	sw	documentation

	enumeration te swap body 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" value="cn"> <xs:enumeration> <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/2.4		
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/2.4
type	restriction of xs:string
properties	base xs:string
used by	<p>elements</p> <p>AdditionalInstruction Address CauseDescription Comments ContractNumberMovement InterruptionPoint/DetailedDescriptionOfLocation FreeTextField GoodsDescription HandlingInstruction InternalReferenceIdentifier InterruptionDescription LocationSubsidiaryName MessageIdentifier ErrorMessage/ErrorCauseReference/MessageSenderReference Name PrimaryLocationName RelatedIdentifier RelatedSenderReference Remarks RouteInformation SenderReference TransportInstruction NetworkSpecificParameter/Value CargoCodeType</p> <p>complexType</p>
facets	<p>Kind Value Annotation</p> <p>minLength 1</p> <p>maxLength 255</p>
annotation	<p>documentation</p> <p>Clear Text in ISO Unicode character set</p>
source	<pre> <xs:simpleType name="FreeText"> <xs:annotation> <xs:documentation>Clear Text in ISO Unicode character set</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </pre>

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

simpleType Name

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
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/2.4		
type	restriction of xs:string		
properties	base xs:string		
used by	elements	NHM_Code Goods/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 Numeric1-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:positiveInteger		
properties	base xs:positiveInteger		
used by	<table> <tr> <td>elements</td><td> RollingStockDataset/DesignDataSet/BogiePivotPitch RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen RollingStockDataset/DesignDataSet/InnerWheelbase LocationPrimaryCode </td></tr> </table>	elements	RollingStockDataset/DesignDataSet/BogiePivotPitch RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen RollingStockDataset/DesignDataSet/InnerWheelbase LocationPrimaryCode
elements	RollingStockDataset/DesignDataSet/BogiePivotPitch RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen RollingStockDataset/DesignDataSet/InnerWheelbase LocationPrimaryCode		

	<u>RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory</u>		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
source	<pre> <xs:simpleType <xs:restriction name="Numeric1-5"> 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/2.4		
type	restriction of xs:int		
properties	base xs:int		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	999999	
source	<pre> <xs:simpleType <xs:restriction name="Numeric1-6"> base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType Numeric2-2

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements	<u>RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAccreditedRecognizedBody</u> <u>RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear</u> <u>MessageRoutingID</u> <u>RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType</u> <u>AirBrake/NumberOfBrakes</u> <u>RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN</u> <u>WagonTechData/TechnicalRestrictions</u> <u>CI InstanceNumber</u>	
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
source	<pre> <xs:simpleType <xs:restriction name="Numeric2-2"> 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/2.4		
-----------	---	--	--

type	restriction of xs:integer		
properties	base xs:integer		
used by	elements	AirBrake/LoadChangeDevice/AirBrakedMassLoaded AirBrake/LoadChangeDevice/ChangeOverWeight Speed	
facets	Kind	Value	Annotation
	minInclusive	001	
	maxInclusive	999	
source	<pre><xs:simpleType <xs:restriction <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType></pre>		
			<pre>name="Numeric3-3"> base="xs:integer"> value="001"/> value="999"/></pre>

simpleType Numeric4-4

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements	LengthOfSetOfCarriages RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode TrainLength CauseCode CompanyCode	
facets	Kind	Value	Annotation
	minInclusive	0001	
	maxInclusive	9999	
source	<pre><xs:simpleType <xs:restriction <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType></pre>		
			<pre>name="Numeric4-4"> base="xs:integer"> value="0001"/> value="9999"/></pre>

simpleType Speed

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	Numeric3-3		
properties	base Numeric3-3		
used by	elements	HighestPlannedSpeed TrainMaxSpeed	
facets	Kind	Value	Annotation
	minInclusive	001	
	maxInclusive	999	
annotation	documentation Shown in Km/h		
source	<pre><xs:simpleType <xs:annotation> <xs:documentation>Shown in Km/h</xs:documentation> </xs:annotation> <xs:restriction base="Numeric3-3"/> </xs:simpleType></pre>		
			<pre>name="Speed"></pre>

simpleType String1-10

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
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/2.4		
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/2.4		
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/2.4		
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/2.4		
type	restriction of xs:string		
properties	base	xs:string	
used by	elements	AssociatedAttachedOTN 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 String5-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
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/2.4		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	minLength	5	
	maxLength	8	
source	<pre> <xs:simpleType <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> name="String5-8" base="xs:string" value="5"/> value="8"/> </pre>		

simpleType Time

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
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>		

simpleType VolumeValue

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	xs:float		
properties	base xs:float		
used by	elements	DangerousGoodsVolume DanGoodsType/DangerousGoodsVolume Volume	
annotation	documentation	Volume value of the load units by cbm	
source	<pre><xs:simpleType name="VolumeValue"> <xs:annotation> <xs:documentation>Volume value of the load units by cbm</xs:documentation> </xs:annotation> <xs:restriction base="xs:float"/> </xs:simpleType></pre>		

simpleType WagonIdent

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:string		
properties	base	xs:string	

used by	elements	WIMO Dataset/ConsignmentLevelData/PreviousWagonNumber RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight WagonNumberFreight
facets	Kind Value Annotation maxLength 12 pattern [0-9]{12}	
annotation	documentation Identification code of a freight wagon based on the TSI OPE and CEN Recommendations and CIS wagons coded according to OSJD-UIC leaflet 402, which allows the conversion from 8 digits to 12 digits and viceversa.	
source	<pre> <xs:simpleType name="WagonIdent"> <xs:annotation> <xs:documentation>Identification code of a freight wagon based on the TSI OPE and CEN Recommendations and CIS wagons coded according to OSJD-UIC leaflet 402, which allows the conversion from 8 digits to 12 digits and viceversa.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="12"/> <xs:pattern value="[0-9]{12}"/> </xs:restriction> </xs:simpleType> </pre>	

simpleType WeightValueKilo

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4	
type	restriction of xs:integer	
properties	base	xs:integer
used by	elements	DangerousGoodsWeight GrossWeight MaxGrossWeight ITU Details/TareWeight RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle TotalLoadWeight TotalWeight LoadingTackles/TotalWeightLoadingTackles WagonWeightEmpty
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse	
annotation	documentation In Kilograms	
source	<pre> <xs:simpleType name="WeightValueKilo"> <xs:annotation> <xs:documentation>In Kilograms</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:whiteSpace value="collapse"/> </xs:restriction> </xs:simpleType> </pre>	

simpleType WeightValueTonne

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4	
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/2.4		
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>		

3. taf_cat_codelists.xsd

schema location: [C:\Projects\TAF-TSI\taf_cat_codelists.xsd](#)
 attributeFormDefault: **unqualified**
 elementFormDefault: **qualified**
 targetNamespace: [http://www.era.europa.eu/schemes/TAFTSI/2.4](#)

Elements

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[BrakeSpecialCharacteristics](#)
[BrakeType](#)
[BrakingPowerVariationDevice](#)
[CombinedTrafficLoadProfile](#)
[ConsignmentOrderType](#)
[CouplingType](#)
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[InfoOnGoodsShapeTypeDanger](#)
[InteropCapability](#)
[LivestockOrPeopleIndicator](#)

Simple types

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[DelayCode](#)
[InfoIndex](#)
[MessageCode](#)
[RestrictionCodes](#)
[RunningStatus](#)
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- [PackingGroup](#)
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- [TractionMode](#)
- [TractionType](#)
- [TrainCC SystemCode](#)
- [TrainRadioSystem](#)
- [TrainType](#)
- [TypeOfRemovableAccessories](#)
- [WheelSetTransformationMethod](#)

element **AirBrakeType**

diagram	<div><div><div>AirBrakeType</div></div><div>Classification of air brake. additional code: 8 No air brake or brake pipe The code is defined in UIC Leaflet 920-13.</div></div>																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4																					
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>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>8</td><td></td></tr><tr><td>enumeration</td><td>9</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	8		enumeration	9	
Kind	Value	Annotation																				
enumeration	0																					
enumeration	1																					
enumeration	2																					
enumeration	3																					
enumeration	8																					
enumeration	9																					
annotation	<table><tr><td>documentation</td><td></td><td></td><td></td></tr><tr><td>Classification</td><td></td><td>of</td><td>air</td></tr><tr><td>additional</td><td></td><td></td><td>brake.</td></tr><tr><td>8</td><td>No air brake or brake pipe</td><td>The code is defined in UIC Leaflet 920-13.</td><td>code:</td></tr></table>	documentation				Classification		of	air	additional			brake.	8	No air brake or brake pipe	The code is defined in UIC Leaflet 920-13.	code:					
documentation																						
Classification		of	air																			
additional			brake.																			
8	No air brake or brake pipe	The code is defined in UIC Leaflet 920-13.	code:																			
source	<pre><xs:element name="AirBrakeType"> <xs:annotation> <xs:documentation>Classification of air brake. additional code: 8 No air brake or brake pipeThe code is defined in UIC Leaflet 920-13. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"></pre>																					

	<pre> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="8"/> <xs:enumeration value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **BrakeSpecialCharacteristics**

diagram	<div><div><div>BrakeSpecialCharacteristics</div></div><p>General brake characteristics. The values refer to UIC leaflet 920-13: 0 = Cast Iron Brake Blocks 1 = Disc Brake 2 = K-Brake Blocks 3 = Cast Iron Brake Blocks, single release brake 4 = Composite Brake Blocks, single release brake 5 = L-Brake Blocks 6 = LL-Brake Blocks 9 = Unknown or non-coded information</p></div>																																																
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4																																																
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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 Cast Iron Brake Blocks</td></tr><tr><td>enumeration</td><td>1</td><td>documentation Disc Brake</td></tr><tr><td>enumeration</td><td>2</td><td>documentation K-Brake Blocks</td></tr><tr><td>enumeration</td><td>3</td><td>documentation Cast Iron Brake Blocks, single release brake</td></tr><tr><td>enumeration</td><td>4</td><td>documentation Composite Brake Blocks, single release brake</td></tr><tr><td>enumeration</td><td>5</td><td>documentation L-Brake Blocks</td></tr><tr><td>enumeration</td><td>6</td><td>documentation LL-Brake Blocks</td></tr><tr><td>enumeration</td><td>9</td><td>documentation Unknown or non-coded information</td></tr></tbody></table>	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																					
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enumeration	9	documentation Unknown or non-coded information																																															
annotation	<p>documentation</p> <p>General brake characteristics. The values refer to UIC leaflet 920-13:</p> <table><tbody><tr><td>0</td><td>=</td><td>Cast</td><td>Iron</td><td>Brake</td><td>Blocks</td></tr><tr><td>1</td><td>=</td><td></td><td>Disc</td><td>Brake</td><td></td></tr><tr><td>2</td><td>=</td><td></td><td>K-Brake</td><td>Blocks</td><td></td></tr><tr><td>3</td><td>=</td><td>Cast</td><td>Iron</td><td>Brake</td><td>Blocks, single release brake</td></tr><tr><td>4</td><td>=</td><td>Composite</td><td>Brake</td><td>Blocks, single release</td><td>brake</td></tr><tr><td>5</td><td>=</td><td></td><td>L-Brake</td><td>Blocks</td><td></td></tr><tr><td>6</td><td>=</td><td></td><td>LL-Brake</td><td>Blocks</td><td></td></tr><tr><td>9</td><td>=</td><td>Unknown</td><td>or</td><td>non-coded</td><td>information</td></tr></tbody></table>	0	=	Cast	Iron	Brake	Blocks	1	=		Disc	Brake		2	=		K-Brake	Blocks		3	=	Cast	Iron	Brake	Blocks, single release brake	4	=	Composite	Brake	Blocks, single release	brake	5	=		L-Brake	Blocks		6	=		LL-Brake	Blocks		9	=	Unknown	or	non-coded	information
0	=	Cast	Iron	Brake	Blocks																																												
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3	=	Cast	Iron	Brake	Blocks, single release brake																																												
4	=	Composite	Brake	Blocks, single release	brake																																												
5	=		L-Brake	Blocks																																													
6	=		LL-Brake	Blocks																																													
9	=	Unknown	or	non-coded	information																																												
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:element></pre>																																																

0	=	Cast	Iron	Brake	Blocks
1		=		Disc	Brake
2		=		K-Brake	Blocks
3	=	Cast	Iron	Brake	Blocks, single release
4	=	Composite		Brake	Blocks, single release
5		=		L-Brake	Blocks
6		=		LL-Brake	Blocks
9	=	Unknown	or	non-coded	information

```


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

```


element **BrakeType**

diagram	<div><div><div>BrakeType</div></div><div>Type of braking system. additional: X For indication: brake system of the freight wagon out of order (actually / current)</div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
type	restriction of xs:token												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>G</td><td></td></tr><tr><td>enumeration</td><td>P</td><td></td></tr><tr><td>enumeration</td><td>X</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	G		enumeration	P		enumeration	X	
Kind	Value	Annotation											
enumeration	G												
enumeration	P												
enumeration	X												
annotation	<div>documentation Type of braking system. additional: X For indication: brake system of the freight wagon out of order (actually / current)</div>												
source	<pre><xs:element name="BrakeType"> <xs:annotation> <xs:documentation>Type of braking system. additional: X For indication: brake system of the freight wagon out of order (actually / current) </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="G"/> <xs:enumeration value="P"/> <xs:enumeration value="X"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **BrakingPowerVariationDevice**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:integer		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	0	documentation no braked weight variation device
	enumeration	1	documentation

	<p>enumeration 2 empty/loaded manual or automatic device with one changeover weight documentation</p> <p>enumeration 8 empty/loaded manual or automatic device with two or three changeover weights documentation</p> <p>enumeration 9 linear auto continuous device with indication of maximum braked weight documentation non-codable variation device</p>
annotation	<p>documentation Coding in 404-2, chapter 1.8</p>
source	<pre> <xs:element name="BrakingPowerVariationDevice"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer" value="0"> <xs:enumeration> <xs:annotation> <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 **CombinedTrafficLoadProfile**

diagram	<p>CombinedTrafficLoadProfile</p> <p>This element does refer to combined load units that can be used for Freight Requests only. There are two entry options:</p> <ul style="list-style-type: none"> • One option refers to "P" (Semi-trailer/road semi-trailer): P1 requires the code in case the gauge of the semi-trailer is ≤ 2500 mm. P2 requires the code in case the gauge of the semi-trailer is > 2500 mm ≤ 2600 mm • The other option refers to "C" (Swap body): C1 requires the code in case the gauge of the swap body is ≤ 2550 mm. C2 requires the code in case the gauge of the swap body is > 2550 mm ≤ 2600 mm <p>• 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. vValue for all 4 elements (P1, P2, C1, C2)</p> <p>P1 P1 requires the code in case the gauge of the semi-trailer is ≤ 2500 mm.</p> <p>P2 P2 requires the code in case the gauge of the semi-trailer is > 2500 mm ≤ 2600 mm</p> <p>C1</p> <p>C2 C2 requires the code in case the gauge of the swap body is > 2550 mm ≤ 2600 mm</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
properties	content complex
children	P1 P2 C1 C2
annotation	<p>documentation</p> <p>This element does refer to combined load units that can be used for Freight Requests only. There are two entry options:</p> <ul style="list-style-type: none"> • One option refers to "P" (Semi-trailer/road semi-trailer): P1 requires the code in case the gauge of the semi-trailer is ≤ 2500 mm. P2 requires the code in case the gauge of the semi-trailer is > 2500 mm ≤ 2600 mm • The other option refers to "C" (Swap body): C1 requires the code in case the gauge of the swap body is ≤ 2550 mm. C2 requires the code in case the gauge of the swap body is > 2550 mm ≤ 2600 mm <p>• 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. vValue for all 4 elements (P1, P2, C1, C2)</p>
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): P1 requires the code in case the gauge of the semi-trailer is ≤ 2500 mm. P2 requires the code in case the gauge of the semi-trailer is > 2500 mm ≤ 2600 mm •The other option refers to "C" (Swap body): C1 requires the code in case the gauge of the swap body is ≤ 2550 mm. C2 requires the code in case the gauge of the swap body is > 2550 mm ≤ 2600 mm</pre>

• The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. vValue for all 4 elements (P1, P2, C1, C2)

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</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="P1">
      <xs:annotation>
        <xs:documentation>P1 requires the code in case the gauge of the
semi-trailer is ≤ 2500 mm.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
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          <xs:minInclusive value="001"/>
          <xs:maxInclusive value="999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="P2">
      <xs:annotation>
        <xs:documentation>P2 requires the code in case the gauge of the
semi-trailer is > 2500 mm ≤ 2600 mm</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
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          <xs:minInclusive value="001"/>
          <xs:maxInclusive value="999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="C1">
      <xs:simpleType>
        <xs:annotation>
          <xs:documentation>C1 requires the code in case the gauge of the
swap body is ≤ 2550 mm.</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:integer">
          <xs:minInclusive value="001"/>
          <xs:maxInclusive value="999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="C2">
      <xs:annotation>
        <xs:documentation>C2 requires the code in case the gauge of the
swap body is > 2550 mm ≤ 2600 mm</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:integer">
          <xs:minInclusive value="001"/>
          <xs:maxInclusive value="999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
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	<pre></xs:complexType> </xs:element></pre>
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element CombinedTrafficLoadProfile/P1

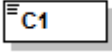
diagram	<div><div><div>P1</div></div><p>P1 requires the code in case the gauge of the semi-trailer is ≤ 2500 mm.</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>001</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation P1 requires the code in case the gauge of the semi-trailer is ≤ 2500 mm.									
source	<pre><xs:element name="P1"> <xs:annotation> <xs:documentation>P1 requires the code in case the gauge of the semi- trailer is ≤ 2500 mm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="001"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element CombinedTrafficLoadProfile/P2

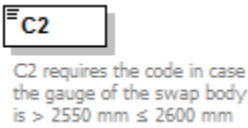
diagram	<div><div><div>P2</div></div><p>P2 requires the code in case the gauge of the semi-trailer is > 2500 mm ≤ 2600 mm</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>001</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	<div>documentation</div> <p>P2 requires the code in case the gauge of the semi-trailer is > 2500 mm ≤ 2600 mm</p>									
source	<pre><xs:element name="P2"> <xs:annotation> <xs:documentation>P2 requires the code in case the gauge of the semi- trailer is > 2500 mm ≤ 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"></pre>									

	<pre> <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> value="001"/> value="999"/> </pre>
--	---	--

element **CombinedTrafficLoadProfile/C1**


diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4										
type	restriction of xs:integer										
properties	content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th><th>Value</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>minInclusive</td><td>001</td><td></td></tr> <tr> <td>maxInclusive</td><td>999</td><td></td></tr> </tbody> </table>		Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation									
minInclusive	001										
maxInclusive	999										
source	<pre> <xs:element <xs:simpleType> <xs:annotation> <xs:documentation>C1 requires the code in case the gauge of the swap body is ≤ 2550 mm.</xs:documentation> </xs:annotation> <xs:restriction <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element> </pre>										

element **CombinedTrafficLoadProfile/C2**

diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4										
type	restriction of xs:integer										
properties	content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th><th>Value</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>minInclusive</td><td>001</td><td></td></tr> <tr> <td>maxInclusive</td><td>999</td><td></td></tr> </tbody> </table>		Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation									
minInclusive	001										
maxInclusive	999										
annotation	documentation C2 requires the code in case the gauge of the swap body is > 2550 mm ≤ 2600 mm										
source	<pre> <xs:element <xs:annotation> <xs:documentation>C2 requires the code in case the gauge of the swap body is > 2550 mm ≤ 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction <xs:minInclusive </pre>										

	<pre> <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element> </pre>	value="999"/>
--	---	---------------

element **ConsignmentOrderType**

diagram	<div>  <p>ConsignmentOrderType</p> <p>Preliminary list of messages, by now restricted on different types of consignment orders. CIM: none.</p> <p>ORU: original consignment order message from origin location</p> <p>ORX: update for consignment order from origin location</p> <p>ORD: deletion for consignment order from origin location</p> <p>TRU : original transit consignment order</p> <p>TRX: update for transit consignment order</p> <p>TRD: deletion of transit consignment order</p> <p>DRU : original consignment order to destination location</p> <p>DRX: update for consignment order to destination location</p> <p>DRD: deletion of consignment order to destination location</p> </div>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	ORU	documentation Subset for RU which fetches consignment at origin.
	enumeration	ORX	documentation Update for ORU
	enumeration	ORD	documentation Deletion of ORU
	enumeration	TRU	documentation Subset for transit RU
	enumeration	TRX	documentation Update for TRU
	enumeration	TRD	documentation Deletion of TRU
	enumeration	DRU	documentation Subset for RU which takes consignment to destination
	enumeration	DRX	documentation Update for DRU
	enumeration	DRD	documentation Deletion for DRU
annotation	<p>documentation</p> <p>Preliminary list of messages, by now restricted on different types of consignment orders. CIM: none.</p> <p>ORU: original consignment order message from origin location</p> <p>ORX: update for consignment order from origin location</p> <p>ORD: deletion for consignment order from origin location</p> <p>TRU : original transit consignment order</p> <p>TRX: update for transit consignment order</p> <p>TRD: deletion of transit consignment order</p> <p>DRU : original consignment order to destination location</p> <p>DRX: update for consignment order to destination location</p>		

	DRD: deletion of consignment order to destination location
source	<pre> <xs:element name="ConsignmentOrderType"> <xs:annotation> <xs:documentation>Preliminary list of messages, by now restricted on different types of consignment orders. CIM: none. ORU: original consignment order message from origin location ORX: update for consignment order from origin location ORD: deletion for consignment order from origin location TRU : original transit consignment order TRX: update for transit consignment order TRD: deletion of transit consignment order DRU : original consignment order to destination location DRX: update for consignment order to destination location DRD: deletion of consignment order to destination location </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="ORU"> <xs:annotation> <xs:documentation>Subset for RU which fetches consignment at origin.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ORX"> <xs:annotation> <xs:documentation>Update for ORU</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ORD"> <xs:annotation> <xs:documentation>Deletion of ORU</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="TRU"> <xs:annotation> <xs:documentation>Subset for transit RU</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="TRX"> <xs:annotation> <xs:documentation>Update for TRU</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="TRD"> <xs:annotation> <xs:documentation>Deletion of TRU</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DRU"> <xs:annotation> </pre>

	<pre> <xs:documentation>Subset for RU which takes consignment to destination</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DRX"> <xs:annotation> <xs:documentation>Update for DRU</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DRD"> <xs:annotation> <xs:documentation>Deletion for DRU</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element CouplingType

diagram	<div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div>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element **DangerLabel**

diagram	<div><div><div><div><div></div><div>DangerLabel</div></div></div><div>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). 1 Explosive materials, divisions 1.1, 1.2 and 1.3 1.4 Explosive materials, division 1.4 1.5 Explosive materials, division 1.5 1.6 Explosive materials, division 1.6 2.1 Flammable gases 2.2 Non-flammable, non-toxic gases 2.3 Toxic gases 3 Flammable liquids 4.1 Flammable solids , self-reactive substances and solid desensitized explosives 4.2 Substances liable to spontaneous combustion 4.3 Substances which, in contact with water, emit flammable gases 5.1 Oxidizing substances 5.2 Organic peroxides 6.1 Toxic substances 6.2 Infectious substances 7A Radioactive material, category I 7B Radioactive material, category II 7C Radioactive material, category III 7D (obsolete) should be used for general information about class 7 7E Fissile radioactive material 8 Corrosive substances 9 Miscellaneous dangerous substances and articles</div></div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4

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

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

diagram	<div><div><div>HandBrakeType</div></div><div>Classification of hand brake:</div><div><div>0</div><div>No hand brake</div></div><div><div>1</div><div>Ground-operated hand brake</div></div><div><div>2</div><div>Platform-operated hand brake</div></div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
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>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	<div>documentation</div> <div>Classification of hand brake:</div> <div><div>0</div><div>No hand brake</div></div> <div><div>1</div><div>Ground-operated hand brake</div></div> <div><div>2</div><div>Platform-operated hand brake</div></div>												
source	<pre><xs:element name="HandBrakeType"> <xs:annotation> <xs:documentation>Classification of hand brake: 0 No hand brake 1 Ground-operated hand brake 2 Platform-operated hand brake </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **InfoOnGoodsShapeTypeDanger**

diagram	<div> <div>InfoOnGoodsShapeTypeDanger</div> <p>Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1</p> <p>Codes to add are given in the table below:</p> <p>96 Environmentally hazardous substance (RID 5.2.1.8)</p> <p>97 More than 8 tons of dangerous goods packaged in limited quantities (LQ)</p> <p>The following documentation serves for the existing codes:</p> <p>1 Container</p> <p>2 Other intermodal traffic</p> <p>3 Rolling road (RR)</p> <p>6 Semi-Trailer on bogies</p> <p>10 1 - danger of explosion (subclass 1.1, 1.2, 1.3)</p> <p>14 1.4 - danger of explosion (subclass 1.4)</p> <p>15 1.5 - danger of explosion (subclass 1.5)</p> <p>16 1.6 - danger of explosion (subclass 1.6)</p> <p>21 2.1 - inflammable gases</p> <p>22 2.2 - non inflammable,non-toxic gases</p> <p>23 2.3 - toxic gases</p> <p>30 3 - fire hazard (inflammable liquids)</p> <p>41 4.1 - fire hazard (inflammable solids)</p> <p>42 4.2 - spontaneously inflammable</p> <p>43 4.3 - gives off inflammable gas on contact with water</p> <p>51 5.1 - combustible substance</p> <p>52 5.2 - organic peroxide</p> <p>61 6.1 - toxic substance</p> <p>62 6.2 - infectious substance</p> <p>71 7A - radioactive substance in category I packing WHITE</p> <p>72 7B - radioactive substance in category II packing YELLOW</p> <p>73 7C - radioactive substance in category III packing YELLOW</p> <p>74 7D - Common label for radioactive substances included under 7A, 7B + 7C</p> <p>75 7E - fissible substance</p> <p>80 8 - corrosive substance</p> <p>90 Various dangerous substance and objects not covered by the other classes</p> <p>98 Livestock</p> <p>99 Perishables</p> </div>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
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	enumeration	02	
	enumeration	03	
	enumeration	06	
	enumeration	98	
	enumeration	99	
	enumeration	10	
	enumeration	14	

	<p>enumeration 15</p> <p>enumeration 16</p> <p>enumeration 21</p> <p>enumeration 22</p> <p>enumeration 23</p> <p>enumeration 30</p> <p>enumeration 41</p> <p>enumeration 42</p> <p>enumeration 43</p> <p>enumeration 51</p> <p>enumeration 52</p> <p>enumeration 61</p> <p>enumeration 62</p> <p>enumeration 71</p> <p>enumeration 72</p> <p>enumeration 73</p> <p>enumeration 74</p> <p>enumeration 75</p> <p>enumeration 80</p> <p>enumeration 90</p> <p>enumeration 96</p> <p>enumeration 97</p>
annotation	<p>documentation</p> <p>Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1</p> <p>Codes to add are given in the table below:</p> <p>96 Environmentally hazardous substance (RID 5.2.1.8)</p> <p>97 More than 8 tons of dangerous goods packaged in limited quantities (LQ)</p> <p>The following documentation serves for the existing codes:</p> <p>1 Container</p> <p>2 Other intermodal traffic</p> <p>3 Rolling road (RR)</p> <p>6 Semi-Trailer on bogies</p> <p>10 1 - danger of explosion (subclass 1.1, 1.2, 1.3)</p> <p>14 1.4 - danger of explosion (subclass 1.4)</p> <p>15 1.5 - danger of explosion (subclass 1.5)</p> <p>16 1.6 - danger of explosion (subclass 1.6)</p> <p>21 2.1 - inflammable gases</p> <p>22 2.2 - inflammable, non-toxic gases</p> <p>23 2.3 - toxic gases</p> <p>30 3 - fire hazard (inflammable liquids)</p> <p>41 4.1 - fire hazard (inflammable solids)</p> <p>42 4.2 - spontaneously inflammable</p> <p>43 4.3 - gives off inflammable gas on contact with water</p> <p>51 5.1 - combustible substance</p> <p>52 5.2 - organic peroxide</p> <p>61 6.1 - toxic substance</p> <p>62 6.2 - infectious substance</p> <p>71 7A - radioactive substance in category I packing WHITE</p> <p>72 7B - radioactive substance in category II packing YELLOW</p> <p>73 7C - radioactive substance in category III packing YELLOW</p> <p>74 7D - Common label for radioactive substances included under 7A, 7B + 7C</p> <p>75 7E - fissible substance</p> <p>80 8 - corrosive substance</p> <p>90 Various dangerous substance and objects not covered by the other classes</p> <p>98 Livestock</p> <p>99 Perishables</p>
source	<p><xs:element name="InfoOnGoodsShapeTypeDanger"></p> <p><xs:annotation></p>

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<xs:documentation>Additional codified information on the load. Coding
Structures as defined in 404-2 chapter 4.1
Codes to add are given in the table below:
96 Environmentally hazardous substance (RID 5.2.1.8)
97 More than 8 tons of dangerous goods packaged in limited quantities (LQ)

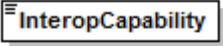
The following documentation serves for the existing codes:
1 Container
2 Other intermodal traffic
3 Rolling road (RR)
6 Semi-Trailer on bogies
10 1 - danger of explosion (subclass 1.1, 1.2, 1.3)
14 1.4 - danger of explosion (subclass 1.4)
15 1.5 - danger of explosion (subclass 1.5)
16 1.6 - danger of explosion (subclass 1.6)
21 2.1 - inflammable gases
22 2.2 - non inflammable, non-toxic gases
23 2.3 - toxic gases
30 3 - fire hazard (inflammable liquids)
41 4.1 - fire hazard (inflammable solids)
42 4.2 - spontaneously inflammable
43 4.3 - gives off inflammable gas on contact with water
51 5.1 - combustible substance
52 5.2 - organic peroxide
61 6.1 - toxic substance
62 6.2 - infectious substance
71 7A - radioactive substance in category I packing WHITE
72 7B - radioactive substance in category II packing YELLOW
73 7C - radioactive substance in category III packing YELLOW
74 7D - Common label for radioactive substances included under 7A, 7B +
7C
75 7E - fissible substance
80 8 - corrosive substance
90 Various dangerous substance and objects not covered by the other
classes
98 Livestock
99 Perishables

</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="01"/>
    <xs:enumeration value="02"/>
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    <xs:enumeration value="99"/>
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    <xs:enumeration value="21"/>
    <xs:enumeration value="22"/>
    <xs:enumeration value="23"/>
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  </xs:restriction>
</xs:simpleType>

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	<pre> <xs:enumeration value="43"/> <xs:enumeration value="51"/> <xs:enumeration value="52"/> <xs:enumeration value="61"/> <xs:enumeration value="62"/> <xs:enumeration value="71"/> <xs:enumeration value="72"/> <xs:enumeration value="73"/> <xs:enumeration value="74"/> <xs:enumeration value="75"/> <xs:enumeration value="80"/> <xs:enumeration value="90"/> <xs:enumeration value="96"/> <xs:enumeration value="97"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element InteropCapability

diagram	 <p>Identification of the general interoperability capability of the wagon The following values/codes are proposed for the usage:</p> <p>01 = National 02 = Bi-/Multilateral (with agreement or authorisation grid)</p> <p>03 = RIV 05 = TEN</p> <p>06 = TEN-GE 07 = TEN-CW 08 = TEN RIV</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:integer		
properties	content	simple	
facets	Kind	Value	Annotation
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	enumeration	01	
	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	05	
	enumeration	07	
	enumeration	08	
annotation	<p>documentation Identification of the general interoperability capability of the wagon The following values/codes are proposed for the usage:</p> <p>01 = National 02 = Bi-/Multilateral (with agreement or authorisation grid)</p> <p>03 = RIV</p>		

	05 = TEN
	06 = TEN-GE
	07 = TEN-CW
	08 = TEN RIV
source	<pre> <xs:element name="InteropCapability"> <xs:annotation> <xs:documentation>Identification of the general interoperability capability of the wagon The following values/codes are proposed for the usage: 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:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="2"/> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="05"/> <xs:enumeration value="07"/> <xs:enumeration value="08"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **LivestockOrPeopleIndicator**

diagram	<div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div>LivestockOrPeopleIndicator</div><p>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.'</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									

annotation	documentation 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 LoadTableStars

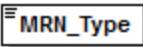
diagram	<div><div><div>LoadTableStars</div></div><div>Number of load table stars. Currently recognized values/codes: 1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not meet all the requirements for 100 km/h conditions 2 = Authorised to run loaded in trains up to 120 km/h 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.</div></div>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4															
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>totalDigits</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr></tbody></table>	Kind	Value	Annotation	totalDigits	1		enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation														
totalDigits	1															
enumeration	1															
enumeration	2															
enumeration	3															
annotation	<div>documentation</div> <div>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.</div>															

source	<pre> <xs:element name="LoadTableStars"> <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:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="1"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element MessageStatus

diagram	<div><div><div>MessageStatus</div></div><div>Assigned by the Sender 1=creation, 2=modification, 3=deletion</div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
type	restriction of xs:token												
properties	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>3</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation											
enumeration	1												
enumeration	2												
enumeration	3												
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:enumeration value="2"/> <xs:enumeration value="3"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **MRN_Type**

diagram	 <p>Type of MRN given, CODE: CIT GLV-CIM appendix 2: MRN-E if an EXPORT declaration has been lodged MRN-T if a TRANSIT declaration has been lodged MRN-TS if a TRANSIT declaration with SECURITY data has been lodged MRN-EXS if the EXIT SUMMARY declaration has been made separately by the consignor MRN-ENS if the ENTRY SUMMARY declaration has been made separately by the consignor</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:token		
properties	content simple		
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: MRN-E if an EXPORT declaration has been lodged MRN-T if a TRANSIT declaration has been lodged MRN-TS if a TRANSIT declaration with SECURITY data has been lodged MRN-EXS if the EXIT SUMMARY declaration has been made separately by the consignor MRN-ENS if the ENTRY SUMMARY declaration has been made separately by the consignor		
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element **NormalLoadingGauge**

diagram	<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div>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	<p>G1, G2, GA, GB, GC, CM, CE, M2, M3, M4, GB1, GB2, GB-M6, GHE16, W6-A.</p> <p>Lately added:</p> <p>G1 Annex A.3</p> <p>G2 Annex E.1.2</p> <p>GB2 Annex C.1.2</p> <p>GB-M6 Annex N.4 (annex currently in preparation) P.3</p> <p>GHE16 Annex</p> <p>W6-A W6a is designed for non- bogied wagons with axle spacings of 12.8m (42'), and 18.3m length (60')</p>
source	<pre> <xs:element name="NormalLoadingGauge"> <xs:annotation> <xs:documentation>Wagon or load gauge code used in UK, coded in UIC 505- 1 and 503: All codes are defined in the UIC Leaflet 505-1 and 503, as well as in the EN 15273-2. 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. For the new ones, use the table below. Candidate: G1, G2, GA, GB, GC, CM, CE, M2, M3, M4, GB1, GB2, GB-M6, GHE16, W6-A. Lately added: G1 Annex A.3 G2 Annex E.1.2 GB2 Annex C.1.2 GB-M6 Annex N.4 (annex currently in preparation) P.3 GHE16 Annex W6-A W6a is designed for non- bogied wagons with axle spacings of 12.8m (42'), and 18.3m length (60') </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="CM"/> <xs:enumeration value="CE"/> <xs:enumeration value="M2"/> <xs:enumeration value="M3"/> <xs:enumeration value="M4"/> <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 **PackingGroup**


diagram	<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> <p>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".</p> <div><div>IHigh danger</div><div>The description of the codes is taken from: RID chapter 3.2, table A, column 4</div><div>IIMedium danger</div><div>IIILow danger</div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4												
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>I</td><td></td></tr><tr><td>enumeration</td><td>II</td><td></td></tr><tr><td>enumeration</td><td>III</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	I		enumeration	II		enumeration	III	
Kind	Value	Annotation											
enumeration	I												
enumeration	II												
enumeration	III												
annotation	<div>documentation</div> <p>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".</p> <div><div>IHigh danger</div><div>The description of the codes is taken from: RID chapter 3.2, table A, column 4</div><div>IIMedium danger</div><div>IIILow danger</div></div>												
source	<div><div><div><div><xs:element</div><div></div><div>name="PackingGroup"></div><div><xs:annotation></div><div><xs:documentation></div><div>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".</div><div>IHigh danger</div><div>The description of the codes is taken from: RID chapter 3.2, table A, column 4</div><div>IIMedium danger</div><div>IIILow danger</div><div></xs:documentation></div><div></xs:annotation></div><div><xs:simpleType></div><div><xs:restriction</div><div></div><div>base="xs:token"></div><div><xs:enumeration</div><div></div><div>value="I"/></div><div><xs:enumeration</div><div></div><div>value="II"/></div><div></xs:restriction></div><div></xs:simpleType></div><div></xs:element></div></div></div></div>												

	<pre> <xs:enumeration </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> value="III"/> </pre>
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element **RefusalCode**

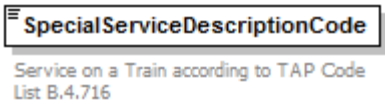
diagram	<div><div><div>RefusalCode</div></div><div>Code List Candidate: 1 = Data not authorised by Wagon Keeper 2 = Wagon number freight unknown</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	1		enumeration	2	
Kind	Value	Annotation								
enumeration	1									
enumeration	2									
annotation	<div>documentation</div> <div>Code List Candidate: 1 = Data not authorised by Wagon Keeper 2 = Wagon number freight unknown</div>									
source	<pre><xs:element name="RefusalCode"> <xs:annotation> <xs:documentation>Code List Candidate: 1 = Data not authorised by Wagon Keeper 2 = Wagon number freight unknown</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 **RouteClass**

diagram	 <p>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.</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:string		
properties	content	simple	
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">		

	<pre> <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"> <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>
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element **SpecialServiceDescriptionCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:integer		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	3	documentation Additional loading
	enumeration	4	documentation Additional unloading
	enumeration	5	documentation Breakfast

	enumeration 6	documentation Dinner
	enumeration 7	documentation Loading
	enumeration 8	documentation Lunch
	enumeration 9	documentation Unloading
	enumeration 11	documentation Child
	enumeration 21	documentation Cold buffet
	enumeration 22	documentation Restaurant in 1st class only
	enumeration 23	documentation Hot buffet
	enumeration 24	documentation Meal included for 1st class passengers
	enumeration 25	documentation Trolley
	enumeration 26	documentation Snack
	enumeration 27	documentation Disabled
	enumeration 28	documentation Movies
	enumeration 29	documentation Business
	enumeration 30	documentation Nursery
	enumeration 31	documentation Buffet
	enumeration 32	documentation Special services for military
	enumeration 33	documentation Boarding possible 2 hours before departure
	enumeration 34	documentation Alighting possible until 2 hours after arrival
	enumeration 35	documentation Boarding possible 30 minutes before departure
	enumeration 36	documentation Alighting possible until 30 minutes after arrival
	enumeration 37	documentation Postal services
	enumeration 38	documentation Meal at the seat
	enumeration 39	documentation Self service
	enumeration 40	documentation Overnight stay
	enumeration 41	documentation Luggage transport
	enumeration 42	documentation Luggage transport excluded
	enumeration 43	documentation Music
	enumeration 44	documentation Check-in
	enumeration 45	documentation Check-out
annotation	documentation Service on a Train according to TAP Code List B.4.716	
source	<pre> <xs:element name="SpecialServiceDescriptionCode"> <xs:annotation> <xs:documentation>Service on a Train according to TAP Code List B.4.716</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="3"> <xs:annotation> </pre>	

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

diagram	<div> <div>TractionMode</div> <p>Identifies the mode of deployment of a traction within a train</p> <p>First digit – traction role</p> <p>Second digit – position in group of traction units with the same role</p> <p>11 Train traction 1st traction unit in the group</p> <p>21 Intermediate traction 1st traction unit in the group</p> <p>31 Banking locomotive 1st traction unit in the group</p> <p>41 Banking locomotive not coupled 1st traction unit in the group</p> <p>51 No Leading Engine 1st traction unit in the group</p> <p>61 Train Traction in a push-pull train 1st traction unit in the group</p> <p>12 Train traction 2nd traction unit in the group</p> <p>22 Intermediate traction 2nd traction unit in the group</p> <p>32 Banking locomotive 2nd traction unit in the group</p> <p>42 Banking locomotive not coupled 2nd traction unit in the group</p> <p>52 No Leading Engine 2nd traction unit in the group</p> <p>62 Train Traction in a push-pull train 2nd traction unit in the group</p> <p>13 Train traction 3rd traction unit in the group</p> <p>23 Intermediate traction 3rd traction unit in the group</p> <p>33 Banking locomotive 3rd traction unit in the group</p> <p>43 Banking locomotive not coupled 3rd traction unit in the group</p> <p>53 No Leading Engine 3rd traction unit in the group</p> <p>63 Train Traction in a push-pull train 3rd traction unit in the group</p> <p>14 Train traction 4th traction unit in the group</p> <p>24 Intermediate traction 4th traction unit in the group</p> <p>34 Banking locomotive 4th traction unit in the group</p> <p>44 Banking locomotive not coupled 4th traction unit in the group</p> <p>54 No Leading Engine 4th traction unit in the group</p> <p>64 Train Traction in a push-pull train 4th traction unit in the group</p> <p>15 Train traction 5th traction unit in the group</p> <p>25 Intermediate traction 5th traction unit in the group</p> <p>35 Banking locomotive 5th traction unit in the group</p> <p>45 Banking locomotive not coupled 5th traction unit in the group</p> <p>55 No Leading Engine 5th traction unit in the group</p> <p>65 Train Traction in a push-pull train 5th traction unit in the group</p> <p>16 Train traction 6th traction unit in the group</p> <p>26 Intermediate traction 6th traction unit in the group</p> <p>36 Banking locomotive 6th traction unit in the group</p> <p>46 Banking locomotive not coupled 6th traction unit in the group</p> <p>56 No Leading Engine 6th traction unit in the group</p> <p>66 Train Traction in a push-pull train 6th traction unit in the group</p> </div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4
type	restriction of xs:integer

120 Rue Marc Lefrancq | BP 20392 | FR-59307 Valenciennes Cedex
Tel. +33 (0)327 09 65 00 | era.europa.eu

	<p>42 Banking locomotive not coupled 2nd traction unit in the group</p> <p>52 No Leading Engine 2nd traction unit in the group</p> <p>62 Train Traction in a push-pull train 2nd traction unit in the group</p> <p>13 Train traction 3rd traction unit in the group</p> <p>23 Intermediate traction 3rd traction unit in the group</p> <p>33 Banking locomotive 3rd traction unit in the group</p> <p>43 Banking locomotive not coupled 3rd traction unit in the group</p> <p>53 No Leading Engine 3rd traction unit in the group</p> <p>63 Train Traction in a push-pull train 3rd traction unit in the group</p> <p>14 Train traction 4th traction unit in the group</p> <p>24 Intermediate traction 4th traction unit in the group</p> <p>34 Banking locomotive 4th traction unit in the group</p> <p>44 Banking locomotive not coupled 4th traction unit in the group</p> <p>54 No Leading Engine 4th traction unit in the group</p> <p>64 Train Traction in a push-pull train 4th traction unit in the group</p> <p>15 Train traction 5th traction unit in the group</p> <p>25 Intermediate traction 5th traction unit in the group</p> <p>35 Banking locomotive 5th traction unit in the group</p> <p>45 Banking locomotive not coupled 5th traction unit in the group</p> <p>55 No Leading Engine 5th traction unit in the group</p> <p>65 Train Traction in a push-pull train 5th traction unit in the group</p> <p>16 Train traction 6th traction unit in the group</p> <p>26 Intermediate traction 6th traction unit in the group</p> <p>36 Banking locomotive 6th traction unit in the group</p> <p>46 Banking locomotive not coupled 6th traction unit in the group</p> <p>56 No Leading Engine 6th traction unit in the group</p> <p>66 Train Traction in a push-pull train 6th traction unit in the group</p>
source	<pre><xs:element name="TractionMode"> <xs:annotation> <xs:documentation>Identifies the mode of deployment of a traction within a First digit - traction role Second digit - position in group of traction units with the same role 11 Train traction 1st traction unit in the group 21 Intermediate traction 1st traction unit in the group 31 Banking locomotive 1st traction unit in the group 41 Banking locomotive not coupled 1st traction unit in the group 51 No Leading Engine 1st traction unit in the group 61 Train Traction in a push-pull train 1st traction unit in the group 12 Train traction 2nd traction unit in the group 22 Intermediate traction 2nd traction unit in the group 32 Banking locomotive 2nd traction unit in the group 42 Banking locomotive not coupled 2nd traction unit in the group 52 No Leading Engine 2nd traction unit in the group 62 Train Traction in a push-pull train 2nd traction unit in the group 13 Train traction 3rd traction unit in the group 23 Intermediate traction 3rd traction unit in the group 33 Banking locomotive 3rd traction unit in the group 43 Banking locomotive not coupled 3rd traction unit in the group 53 No Leading Engine 3rd traction unit in the group 63 Train Traction in a push-pull train 3rd traction unit in the group 14 Train traction 4th traction unit in the group 24 Intermediate traction 4th traction unit in the group 34 Banking locomotive 4th traction unit in the group 44 Banking locomotive not coupled 4th traction unit in the group 54 No Leading Engine 4th traction unit in the group 64 Train Traction in a push-pull train 4th traction unit in the group 15 Train traction 5th traction unit in the group 25 Intermediate traction 5th traction unit in the group 35 Banking locomotive 5th traction unit in the group 45 Banking locomotive not coupled 5th traction unit in the group 55 No Leading Engine 5th traction unit in the group</pre>

```

65   Train Traction in a push-pull train   5th traction unit in the group
16   Train traction   6th traction unit in the group
26   Intermediate traction   6th traction unit in the group
36   Banking locomotive 6th traction unit in the group
46   Banking locomotive not coupled 6th traction unit in the group
56   No Leading Engine 6th traction unit in the group
66   Train Traction in a push-pull train   6th traction unit in the group

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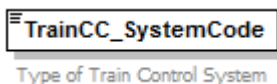
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element **TractionType**

diagram	 <p>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</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	01	
	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	21	
	enumeration	22	
	enumeration	23	
	enumeration	24	
	enumeration	31	
	enumeration	32	
	enumeration	33	
	enumeration	34	
annotation	documentation	<p>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</p>	

	"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 "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="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="14"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="24"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="33"/> <xs:enumeration value="34"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TrainCC_SystemCode**

element TrainCC_SystemCode			
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	01	
	enumeration	02	
	enumeration	03	

	enumeration 04 enumeration 05 enumeration 06 enumeration 11 enumeration 12 enumeration 21 enumeration 22 enumeration 31 enumeration 32 enumeration 91 enumeration
annotation	documentation Type of Train Control System
source	<pre> <xs:element name="TrainCC_SystemCode"> <xs:annotation> <xs:documentation>Type of Train Control System</xs:documentation> </xs:annotation> <xs:simpleType> <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="11"/> <xs:enumeration value="12"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="91"/> <xs:enumeration value=""/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TrainRadioSystem**

diagram	<div><div><div><div></div><div>TrainRadioSystem</div></div></div><div>The on board radio system of the train in coded format</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
type	restriction of xs:token									
properties	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></tbody></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	<div><xs:element<div><div><xs:annotation></div><div></div></div></div> <div>name="TrainRadioSystem"></div>									

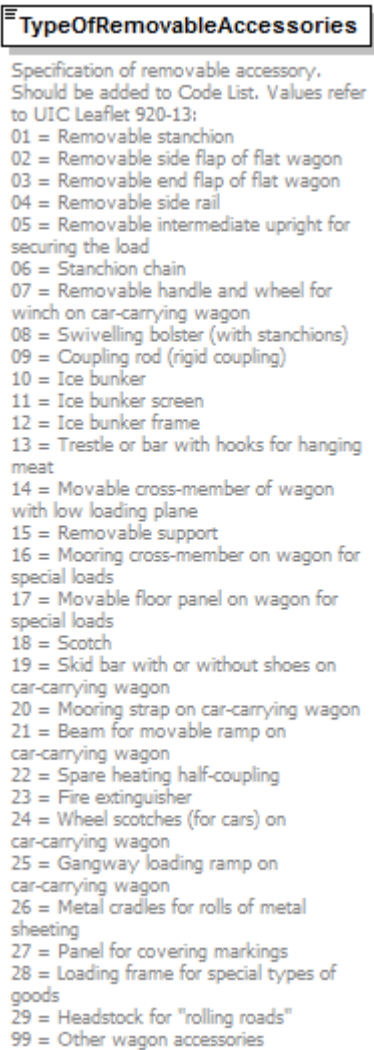
	<pre><xs:documentation>The on board radio system of the train in coded format</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
--	---

element **TrainType**

diagram	<div><div><div>TrainType</div></div><div><div>1</div><div>Passenger train</div><div>Commercial train with passenger coaches or trainsets</div><div>Empty run of Train with passenger coaches or trainsets</div><div>Including Crew train (for Train Crew Members)</div><div>2</div><div>Freight train</div><div>Train with freight wagons</div><div>3</div><div>Light engine (locomotive train)</div><div>One or more engines without any carriages</div><div>4</div><div>Engineering train</div><div>Train for measurement, maintenance, instructions, homologation, etc</div><div>0</div><div>Other</div><div>Train types that are not covered with the four codes given above can be codified as "other" in the messages</div><div>Passenger with Freight - military trains, the Overnight Express; Royalty, Head of States</div></div></div>																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4																		
type	restriction of xs:integer																		
properties	content simple																		
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr><tr><td>enumeration</td><td>4</td><td></td></tr><tr><td>enumeration</td><td>0</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	0	
Kind	Value	Annotation																	
enumeration	1																		
enumeration	2																		
enumeration	3																		
enumeration	4																		
enumeration	0																		
annotation	<div><div>documentation</div><div><div>1</div><div>Passenger train</div><div>Commercial train with passenger coaches or trainsets</div><div>Empty run of Train with passenger coaches or trainsets</div><div>Including Crew train (for Train Crew Members)</div><div>2</div><div>Freight train</div><div>Train with freight wagons</div><div>3</div><div>Light engine (locomotive train)</div><div>One or more engines without any carriages</div><div>4</div><div>Engineering train</div><div>Train for measurement, maintenance, instructions, homologation, etc</div><div>0</div><div>Other</div><div>Train types that are not covered with the four codes given above can be codified as "other" in the messages</div><div>the</div></div></div>																		

	Passenger with Freight - military trains, the Overnight Express; Royalty, Head of States
source	<div><div><xs:elementname="TrainType"></div><div><xs:annotation></div><div><xs:documentation></div><div>1 Passenger train Commercial train with passenger coaches or trainsets Empty run of Train with passenger coaches or trainsets Including Crew train (for Train Crew Members) 2 Freight trainTrain with freight wagons 3 Light engine (locomotive train) One or more engines without any carriages 4 Engineering train Train for measurement, maintenance, instructions, homologation, etc 0 Other Train types that are not covered with the four codes given above can be codified as "other" in the messages Passenger with Freight - military trains, the Overnight Express; Royalty, Head of States</div><div></xs:documentation></div><div></xs:annotation></div><div><xs:simpleType></div><div><xs:restrictionbase="xs:integer"></div><div><xs:enumerationvalue="1"/></div><div><xs:enumerationvalue="2"/></div><div><xs:enumerationvalue="3"/></div><div><xs:enumerationvalue="4"/></div><div><xs:enumerationvalue="0"/></div><div></xs:restriction></div><div></xs:simpleType></div><div></xs:element></div></div>

element **TypeOfRemovableAccessories**

diagram	 <p>TypeOfRemovableAccessories</p> <p>Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13:</p> <ul style="list-style-type: none"> 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 		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
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	enumeration	05	
	enumeration	06	
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	

	<p>enumeration 14</p> <p>enumeration 15</p> <p>enumeration 16</p> <p>enumeration 17</p> <p>enumeration 18</p> <p>enumeration 19</p> <p>enumeration 20</p> <p>enumeration 21</p> <p>enumeration 22</p> <p>enumeration 23</p> <p>enumeration 24</p> <p>enumeration 25</p> <p>enumeration 26</p> <p>enumeration 27</p> <p>enumeration 28</p> <p>enumeration 29</p> <p>enumeration 99</p>
annotation	<p>documentation</p> <p>Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13:</p> <p>01 = Removable stanchion</p> <p>02 = Removable side flap of flat wagon</p> <p>03 = Removable end flap of flat wagon</p> <p>04 = Removable side rail</p> <p>05 = Removable intermediate upright for securing the load</p> <p>06 = Stanchion chain</p> <p>07 = Removable handle and wheel for winch on car-carrying wagon</p> <p>08 = Swivelling bolster (with stanchions)</p> <p>09 = Coupling rod (rigid coupling)</p> <p>10 = Ice bunker</p> <p>11 = Ice bunker screen</p> <p>12 = Ice bunker frame</p> <p>13 = Trestle or bar with hooks for hanging meat</p> <p>14 = Movable cross-member of wagon with low loading plane</p> <p>15 = Removable support</p> <p>16 = Mooring cross-member on wagon for special loads</p> <p>17 = Movable floor panel on wagon for special loads</p> <p>18 = Scotch</p> <p>19 = Skid bar with or without shoes on car-carrying wagon</p> <p>20 = Mooring strap on car-carrying wagon</p> <p>21 = Beam for movable ramp on car-carrying wagon</p> <p>22 = Spare heating half-coupling</p> <p>23 = Fire extinguisher</p> <p>24 = Wheel scotches (for cars) on car-carrying wagon</p> <p>25 = Gangway loading ramp on car-carrying wagon</p> <p>26 = Metal cradles for rolls of metal sheeting</p> <p>27 = Panel for covering markings</p> <p>28 = Loading frame for special types of goods</p> <p>29 = Headstock for "rolling roads"</p> <p>99 = Other wagon accessories</p>
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: 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</pre>

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:simpleType>

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base="xs:token">

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value="28"/>

<xs:enumeration

value="29"/>

<xs:enumeration

value="99"/>

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

element **WheelSetTransformationMethod**

diagram	<div><div><div>WheelSetTransformationMethod</div></div><div><div>„Description of the wheel set transformation method for wagons with a changeable wheel set gauge. Code list:</div><div><div>1 = Automatic,</div><div>2 = Bogie/axle</div></div><div>change</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4									
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>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	<div>documentation</div> <div><div>wheel</div><div>set</div><div>1</div><div>2</div><div>=</div><div>=</div><div>Bogie/axle</div><div>„Description of the wheel set transformation method for wagons with a changeable gauge. Code list:</div><div>Automatic,</div><div>change</div></div>									
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. Code list: 1 = Automatic, 2 = Bogie/axle </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>									

simpleType **ConsignmentTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:token		
properties	base	xs:token	
facets	Kind	Value	Annotation
	enumeration	CIM	
	enumeration	Other	

annotation	documentation Identifies the type of a waybill. CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)
source	<pre><xs:simpleType name="ConsignmentTypeCode"> <xs:annotation> <xs:documentation>Identifies the type of a waybill. CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF) </xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"/> <xs:enumeration value="Other"/> </xs:restriction> </xs:simpleType></pre>

simpleType DelayCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
	enumeration	11	
	enumeration	10	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	18	
	enumeration	19	
	enumeration	20	
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	enumeration	22	
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	enumeration	31	
	enumeration	30	
	enumeration	32	
	enumeration	39	
	enumeration	40	
	enumeration	41	
	enumeration	50	
	enumeration	51	
	enumeration	52	
	enumeration	53	
	enumeration	54	
	enumeration	58	

	<p>enumeration 59</p> <p>enumeration 60</p> <p>enumeration 61</p> <p>enumeration 62</p> <p>enumeration 63</p> <p>enumeration 64</p> <p>enumeration 68</p> <p>enumeration 70</p> <p>enumeration 69</p> <p>enumeration 71</p> <p>enumeration 80</p> <p>enumeration 81</p> <p>enumeration 82</p> <p>enumeration 83</p> <p>enumeration 84</p> <p>enumeration 89</p> <p>enumeration 90</p> <p>enumeration 91</p> <p>enumeration 92</p> <p>enumeration 93</p> <p>enumeration 94</p> <p>enumeration 95</p>
annotation	<p>documentation</p> <p>Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C.</p> <p>The first digit in the code has to following meaning:</p> <p>1 Operational planning, Management (IM)</p> <p>2 Infrastructure installations (IM)</p> <p>3 Civil engineering causes (IM)</p> <p>4 Causes of other IM (IM)</p> <p>5 Commercial causes (RU)</p> <p>6 Rolling stock (RU)</p> <p>7 Causes of other RU (RU)</p> <p>8 External causes</p> <p>9 Secondary causes</p> <p>New codes added:</p> <p>23 Power supply equipment</p> <p>58 Staff</p> <p>68 Staff</p> <p>90 Dangerous incidents, accidents and hazards</p> <p>91 Track occupation caused by the lateness of the same train</p> <p>92 Track occupation caused by the lateness of another train</p> <p>93 Turn round</p> <p>94 Connection</p> <p>95 Further investigation needed</p>
source	<pre> <xs:simpleType name="DelayCode"> <xs:annotation> <xs:documentation>Reason for a delay or interruption. UIC Leaflet 450- 2, Appendix C. The first digit in the code has to following meaning: 1 Operational planning, Management (IM) 2 Infrastructure installations (IM) 3 Civil engineering causes (IM) 4 Causes of other IM (IM) 5 Commercial causes (RU) 6 Rolling stock (RU) 7 Causes of other RU (RU) </pre>

8	External	causes
9	Secondary	causes
New	codes	added:
23	Power supply equipment	
58	Staff	
68	Staff	
90	Dangerous incidents, accidents and hazards	
91	Track occupation caused by the lateness of the same train	
92	Track occupation caused by the lateness of another train	
93	Turn round	
94	Connection	
95	Further investigation needed	
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</xs:annotation>		
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simpleType InfoIndex

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
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 MessageCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:integer		
properties	base xs:integer		
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 **RestrictionCodes**

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
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	14	
	enumeration	15	
	enumeration	18	
	enumeration	25	
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	enumeration	39	
	enumeration	41	
	enumeration	42	
	enumeration	50	
	enumeration	52	
	enumeration	62	
	enumeration	63	
	enumeration	68	
	enumeration	70	
	enumeration	71	
	enumeration	90	
	enumeration	91	
	enumeration	92	
	enumeration	94	
	enumeration	99	
annotation	<p>documentation</p> <p>restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list.</p> <p>P = Freight T = Passenger D = Technical L = Damage Load</p> <p>Code F or P Description</p>		

			T	D	L		
07	F	Shunt only when hand brake operable with ground staff					
08	F	Tank wagon loaded with liquid				x	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	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				
16	F	Do not fly shunt or gravity shunt (3 red triangles)	x	x	x		
18	F	Must not use active braking equipment				x	x
25	F	Gas carrying tank wagon with orange side stripe					
30	P (+F)	CCS fault (see CCS coding list)					
31	P (+F)	Braking system fault	x				
32	P (+F)	Wheelset, bogie fault		x			
33	P (+F)	Headlighting or back lighting fault		x			
34	P (+F)	Front glass broken	x				
35	P (+F)	Horn fault		x			
36	P (+F)	Radio fault			x		
37	P (+F)	Energy supply fault				x	
38	P (+F)	Traction or motor fault		x			
39	P	Access door fault		x			

[illegible]

Code	F or P	Description
07	F	Shunt only when hand brake operable with ground staff
08	F	Tank wagon loaded with liquid
09	F	Wagon loaded with people
11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres
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
16	F	Do not fly shunt or gravity shunt (3 red triangles)
18	F	Must not use active braking equipment
25	F	Gas carrying tank wagon with orange side stripe
30	P (+F)	CCS fault (see CCS coding list)
31	P (+F)	Braking system fault
32	P (+F)	Wheelset, bogie fault
33	P (+F)	Headlighting or back lighting fault
34	P (+F)	Front glass broken

			x	
35	P (+F)	Horn fault		
				x
36	P (+F)	Radio fault		
				x
37	P (+F)	Energy supply fault		
			x	
38	P (+F)	Traction or motor fault		
			x	
39	P	Access door fault		
				x
41	F	Place this wagon at the front of the train		
			x	x
42	F	Place this wagon at the rear of the train		
			x	x
50	P (+F)	Speed restriction		
			x	x
52	P (+F)	Diesel locomotive instead of electric locomotive		
	x	(X)		F
61	F	Wagon forming part of a consignment of several wagons		
	x			
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	x
71	F	Shunt with special care (2 red triangle)		

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)			
94	F	Gas carrying wagon without orange side stripe		x	x
99	P	Other	x		
					x
			x		
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	<pre> <xs:enumeration <xs:enumeration </xs:restriction> </xs:simpleType> </pre>	<pre> value="94"/> value="99"/> </pre>
--	---	--

simpleType RunningStatus

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4																										
type	restriction of xs:token																										
properties	base xs:token																										
facets	Kind	Value	Annotation																								
	enumeration	00																									
	enumeration	01																									
	enumeration	02																									
	enumeration	03																									
	enumeration	04																									
	enumeration	05																									
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	enumeration	13																									
	enumeration	14																									
	enumeration	15																									
	enumeration	16																									
	enumeration	17																									
	enumeration	18																									
	enumeration	19																									
annotation	<p>documentation</p> <p>Identifies the status of a train related to the actual time at the reporting point. Documentation to the existing codes is provided in the table below:</p> <table> <tr> <td>00</td><td>Not</td><td></td><td>specified</td></tr> <tr> <td>01</td><td>Arrival</td><td>at</td><td>destination</td></tr> <tr> <td>02</td><td>Departure</td><td>at</td><td>origin</td></tr> <tr> <td>03</td><td>Intermediate</td><td></td><td>arrival</td></tr> <tr> <td>04</td><td>Intermediate</td><td></td><td>departure</td></tr> <tr> <td>05</td><td>Pass</td><td></td><td>through</td></tr> </table> <p>06 NEW CODES: Some IMs are transmitting these codes (6 - 9)</p> <p>07</p> <p>08</p> <p>09</p> <p>10 Not specified for wagon Starting from 10, the values are only wagon related.</p> <p>11 Wagon arrival at its destination by train</p> <p>12 Wagon departure from its station of origin by train</p> <p>13 Wagon arrival at reporting point by train</p> <p>14 Wagon departure from reporting point by train</p> <p>15 Wagon run-through at reporting point by train</p> <p>16 Wagon parked at reporting point</p> <p>17 Wagon shunted at reporting point</p> <p>18 Wagon arrived at reporting point</p> <p>19 Wagon departure from reporting point</p>			00	Not		specified	01	Arrival	at	destination	02	Departure	at	origin	03	Intermediate		arrival	04	Intermediate		departure	05	Pass		through
00	Not		specified																								
01	Arrival	at	destination																								
02	Departure	at	origin																								
03	Intermediate		arrival																								
04	Intermediate		departure																								
05	Pass		through																								

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. Documentation to the existing codes is provided in the table below: 00 Not specified 01 Arrival at destination 02 Departure at origin 03 Intermediate arrival 04 Intermediate departure 05 Pass through 06 NEW CODES: Some IMs are transmitting these codes (6 - 9) 07 08 09 10 Not specified for wagon Starting from 10, the values are only wagon related. 11 Wagon arrival at its destination by train 12 Wagon departure from its station of origin by train 13 Wagon arrival at reporting point by train 14 Wagon departure from reporting point by train 15 Wagon run-through at reporting point by train 16 Wagon parked at reporting point 17 Wagon shunted at reporting point 18 Wagon arrived at reporting point 19 Wagon departure from reporting point </xs:documentation> </xs:annotation> <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="05"/> <xs:enumeration value="06"/> <xs:enumeration value="07"/> <xs:enumeration value="08"/> <xs:enumeration value="09"/> <xs:enumeration value="10"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="14"/> <xs:enumeration value="15"/> <xs:enumeration value="16"/> <xs:enumeration value="17"/> <xs:enumeration value="18"/> <xs:enumeration value="19"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType TrainCC_Syst

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
	enumeration	01	
	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	05	
	enumeration	06	
	enumeration	11	
	enumeration	12	
	enumeration	21	
	enumeration	22	
	enumeration	23	
	enumeration	31	
annotation	documentation Identifies the command control system of the train in coded values		
source	<pre> <xs:simpleType name="TrainCC_Syst"> <xs:annotation> <xs:documentation>Identifies the command control system of the train in coded values</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="11"/> <xs:enumeration value="12"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="31"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType TypeOfIMHarmonizationCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	Full	
	enumeration	Part	
annotation	documentation Enumeration of Type of IM harmonization: Full, Part		
source	<pre> <xs:simpleType name="TypeOfIMHarmonizationCode"> </pre>		

	<pre> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Full"/> <xs:enumeration value="Part"/> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType TypeOfInformationCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:integer		
properties	base xs:integer		
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 harmonisation - completed
	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 Preparation of draft offer - accepted

	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	30	documentation Create Dossier
	enumeration	31	documentation Close Dossier
	enumeration	40	documentation Fully Assembled Path (FAP, constructed path)
	enumeration	41	documentation Final Offer rejected
	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
annotation	documentation		Enumeration indicating to which process step / process type in the planning does the message belong: 01 harmonisation - in process 02 harmonisation - - accepted 03 harmonisation - - rejected 04 harmonisation - completed 05 path study request 06 pre-arranged path/reserve capacity 07 create offer 08 coordination update 09 draft offer 10 draft alternative offer 11 observation - in process 12 observation - complete 13 preparation of final offer - in process 14 preparation of final offer offer - accepted 15 preparation of final offer offer - rejected 16 final offer 17 final offer - accepted 18 alternative offer accepted 19 - Final Offer pre-accepted offer 20 - no alternative rejected 21 booked 22 progress 23 - preparation of draft alternative offer is in 24 - Preparation of draft offer offer - 25 - offer/final offer rejected (without revision) 26 - alternative offer rejected (without revision) 27 - offer/final offer rejected (revision required) 28 - alternative offer rejected (revision required) 31 Close Dossier 30 Create Dossier 40 Fully Assembled Path (FAP, constructed path) 41 - Final Offer rejected 42 - Preparation of draft offer – accepted 43 - Preparation of draft offer – rejected 44 - Draft Draft offer rejected 45 - Draft no alternative available 50 activate path (utilisation notification) 51 deactivate path (utilisation notification) 52 confirmation of utilisation notification 53 Path and train cancelled

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: 01 harmonisation - in process 02 harmonisation - accepted 03 harmonisation - rejected 04 harmonisation - completed 05 path study request 06 pre-arranged path/reserve capacity 07 create offer 08 coordination update 09 draft offer 10 draft alternative offer 11 observation - in process 12 observation - complete 13 preparation of final offer - in process 14 preparation of final offer - accepted 15 preparation of final offer - rejected 16 final offer 17 final offer - accepted 18 alternative offer accepted 19 - Final pre-accepted offer 20 - Final Offer rejected 21 no alternative available 22 booked 23 - preparation of draft alternative offer is in progress 24 - Preparation of draft offer - accepted 25 - offer/final offer rejected (without revision) 26 - alternative offer rejected (without revision) 27 - offer/final offer rejected (revision required) 28 - alternative offer rejected (revision required) 31 Close Dossier 30 Create Dossier 40 Fully Assembled Path (FAP, constructed path) 41 - Final Offer rejected 42 - Preparation of draft offer - accepted 43 - Preparation of draft offer - rejected 44 - Draft Draft offer rejected 45 - Draft no alternative available 50 activate path (utilisation notification) 51 deactivate path (utilisation notification) 52 confirmation of utilisation notification 53 Path and train cancelled </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> </pre>
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rejected	</xs:documentation>			

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properties	base xs:short		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	9	
	enumeration	1	
	enumeration	2	
	enumeration	3	
annotation	documentation Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)		
source	<pre><xs:simpleType name="TypeOfRequestCode"> <xs:annotation> <xs:documentation> Enumeration for 3 different basic types of the</pre>		

	<pre> processes in the planning: Study (1), Request (2), Modification (3) </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType TypeOfRUHarmonizationCode

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type	restriction of xs:string		
properties	base xs:string		
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

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properties	base xs:token		
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	enumeration	2	
	enumeration	4	
	enumeration	6	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	40	
	enumeration	41	

	<p>enumeration 42</p> <p>enumeration 43</p> <p>enumeration 50</p> <p>enumeration 41</p>
annotation	<p>documentation</p> <p>Indicates the type of a Transportation unit.</p> <p>1 Container</p> <p>2 Other intermodal traffic</p> <p>4 Rolling road (RR)</p> <p>6 Semi-trailer on bogies</p> <p>10 Container less than 20'</p> <p>11 Container 20'</p> <p>12 Container 30'</p> <p>13 Container 40'</p> <p>40 Semi-trailer truck/articulated lorry</p> <p>41 Road tractor</p> <p>42 Lorry without trailer</p> <p>43 Lorry with trailer</p> <p>50 Semi-trailer/road semi-trailer</p> <p>51 Swap bodies</p>
source	<pre> <xs:simpleType name="UnitType"> <xs:annotation> <xs:documentation>Indicates the type of a Transportation unit. 1 Container 2 Other intermodal traffic 4 Rolling road (RR) 6 Semi-trailer on bogies 10 Container less than 20' 11 Container 20' 12 Container 30' 13 Container 40' 40 Semi-trailer truck/articulated lorry 41 Road tractor 42 Lorry without trailer 43 Lorry with trailer </pre>

50	Semi-trailer/road	semi-trailer
51	Swap	bodies


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attribute **JourneyLocationTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4																																
type	restriction of xs:token																																
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><tr><td>enumeration</td><td>05</td><td></td></tr><tr><td>enumeration</td><td>06</td><td></td></tr><tr><td>enumeration</td><td>07</td><td></td></tr><tr><td>enumeration</td><td>08</td><td></td></tr><tr><td>enumeration</td><td>99</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	99			
Kind	Value	Annotation																															
enumeration	01																																
enumeration	02																																
enumeration	03																																
enumeration	04																																
enumeration	05																																
enumeration	06																																
enumeration	07																																
enumeration	08																																
enumeration	99																																
annotation	<table><tr><td colspan="2">documentation</td></tr><tr><td>01</td><td>= Origin</td></tr><tr><td>02</td><td>= Intermediate</td></tr><tr><td>03</td><td>= Destination</td></tr><tr><td>04</td><td>= Handover</td></tr><tr><td>05</td><td>= Interchange</td></tr><tr><td>06</td><td>= Handover and Interchange</td></tr><tr><td>07</td><td>= State Border</td></tr><tr><td>08</td><td>= None</td></tr><tr><td>99</td><td>= Mutually Defined</td></tr></table>			documentation		01	= Origin	02	= Intermediate	03	= Destination	04	= Handover	05	= Interchange	06	= Handover and Interchange	07	= State Border	08	= None	99	= Mutually Defined										
documentation																																	
01	= Origin																																
02	= Intermediate																																
03	= Destination																																
04	= Handover																																
05	= Interchange																																
06	= Handover and Interchange																																
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08	= None																																
99	= Mutually Defined																																
source	<pre><xs:attribute <xs:annotation> <xs:documentation></pre> <div>name="JourneyLocationTypeCode"></div>																																

	<pre> 01 = Origin 02 = Intermediate 03 = Destination 04 = Handover 05 = Interchange 06 = Handover and Interchange 07 = State Border 08 = None 99 = Mutually Defined </xs:documentation> </xs:annotation> <xs:simpleType> <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="99"/> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>
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attribute LocationSubsidiaryTypeCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:token		
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	2	documentation Private Siding
			documentation Tracks are not for open access
	enumeration	3	documentation Border Point Code
			documentation Special code for the Border Points are allocated at the country border and the points between different IM networks. Location of these points sometimes are not geographically same with the station or yard. Therefore these points are "logical point"
	enumeration	4	documentation Sorting Code
			documentation Destination station of the wagon has a code in order to provide shunting technology.
	enumeration	5	documentation Vehicle Parking Points
			documentation All points (tracks)
	enumeration	6	documentation Public Loading Places
			documentation Is a type of physical location on the open access network where consignor or consignee can load or unload wagons
	enumeration	7	documentation

		Private Loading Places documentation Is a type of physical location outside the open access network where consignor or consignee can load or unload wagons
enumeration	8	documentation IM Path Tariff Point documentation
enumeration	9	documentation Price Segment change between two IM Networks. documentation Depot / Maintenance workshop. Place for overhaul or maintenance of the rolling stock.
enumeration	10	documentation Switch/turnout documentation
enumeration	11	documentation The location where two tracks meet or diverge. documentation Grade Crossing documentation
enumeration	12	documentation The location where two tracks on the same level cross each other. documentation Section of the track documentation
enumeration	13	documentation Section is inside of the location considered part of a track. documentation Twin track point documentation
enumeration	14	documentation The spot where is end or start of the twinned track section. documentation Retarder (rail brake) documentation
enumeration	15	documentation Trackside equipment to control the speed of the wagons running from the shunting hump. documentation Platform documentation
enumeration	16	documentation The area next to the track which has been raised to make access to railway vehicles easier. documentation Railing documentation
enumeration	17	documentation barrier Safety equipment used to prevent access to the track by people and animals. documentation Movable scotch block documentation
enumeration	18	documentation Safety equipment across the track avoiding any unnecessary moving beyond that point. documentation Derailing stop / Trap points / Catch points documentation
enumeration	19	documentation Safety equipment is on one rail avoiding any unnecessary moving beyond that point. documentation Loading equipment documentation
enumeration	20	documentation Special equipment to facilitate the loading and unloading on the Public Loading Places. documentation Weighbridge documentation
enumeration	21	documentation Special equipment is to facilitate the measure of the weight of the wagon. documentation Building documentation
enumeration	22	documentation Those buildings where IM placed his staff for direct communication with RU staff or the IM buildings serve RU activities as well. documentation Level crossing documentation
enumeration	23	documentation Place where rail and road crossing in level. on the same level (grade) documentation Bridge documentation
enumeration	24	documentation Special built structure is over the road 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	26	documentation	Block section
		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.
enumeration	27	documentation	Signal
		documentation	A signal is a mechanical or electrical device erected beside a railway line to pass information relating to the state of the line ahead to train drivers/engineers.
enumeration	28	documentation	Sign and board
		documentation	Equipment to inform the board staff for train traffic and shunting.
enumeration	29	documentation	Phase break
		documentation	Border of the power supply systems (catenary).
enumeration	30	documentation	Leap in kilometer
		documentation	The section has deviation in length i. e. the section more or less than called.
enumeration	32	documentation	Balise
		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.
enumeration	33	documentation	Hot spot detector
		documentation	Trackside equipment which detects hot wheels or axle-box on passing trains.
enumeration	34	documentation	Flat wheel detector
		documentation	Trackside equipment which detects flat spots on wheels on passing trains.
enumeration	35	documentation	Dynamic wheel load
		documentation	detector Special equipment is in trackside for inspect of the overloaded wagons.
enumeration	36	documentation	Freight yard
		documentation	A freight yard is commercial usage of a physical location which can be used as a sending or a destination station in freight orders of rail freight transports. The freight yard can have his own codification
enumeration	37	documentation	Loading point
		documentation	A loading point is a commercial usage of a physical location. Each loading point is assigned to a yard.
enumeration	38	documentation	IM Network link
		documentation	It allows to link two locations from different IM Networks
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	44	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
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	49	documentation	Compressed plant Train on a track with motion stabled with external air supply for braking systems
enumeration	50	documentation	Indoor cleaning platform Cleaning point - interior
enumeration	51	documentation	Car-wash plant Cleaning point -outdoor
enumeration	52	documentation	Short dry-cleaning track Cleaning point
enumeration	53	documentation	Pollution protective plate Track where floor that avoids pollution of the earth below
enumeration	54	documentation	Sand-filling station Location where sand is filled
enumeration	55	documentation	Repair track Location where a

	<p>train/wagon/engine can be repaired</p> <p>enumeration 56 documentation</p> <p>containing Signal box signalling The location of a building equipment</p> <p>enumeration 66 documentation Location ENEE Code documentation Legacy ENEE code of the parent primary location</p> <p>enumeration 90 documentation Test Loc</p> <p>enumeration 99 documentation Relation to Station documentation An indicator used to show that this location is a subsidiary of another location.</p>
annotation	<p>documentation</p> <p>New codes added:</p> <p>42 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).</p> <p>43 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</p> <p>44 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</p> <p>45 Sewage dump Place for cleaning purposes - disposal of the waste</p> <p>46 Refuelling Point Location where refuelling takes place</p> <p>47 Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating</p> <p>48 Water Supply Location where water supply can be provided for the rolling stock</p> <p>49 Compressed plant Train on a track with motion stabled with external air supply for braking systems</p> <p>50 Indoor cleaning platform Cleaning point -interior</p> <p>51 Car-wash plant Cleaning point -outdoor</p> <p>52 Short dry-cleaning track Cleaning point</p> <p>53 Pollution protective plate Track where floor that avoids pollution of the earth below</p> <p>54 Sand-filling station Location where sand is filled</p> <p>55 Repair track Location where a train/wagon/engine can be repaired</p> <p>56 Signal box The location of a building containing signalling equipment</p>
source	<pre><xs:attribute name="LocationSubsidiaryTypeCode"> <xs:annotation> <xs:documentation> New codes added: 42 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). 43 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 44 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 45 Sewage dump Place for cleaning purposes - disposal of the waste 46 Refuelling Point Location where refuelling takes place 47 Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating 48 Water Supply Location where water supply can be provided for the rolling stock 49 Compressed plant Train on a track with motion stabled with external air supply for braking systems 50 Indoor cleaning platform Cleaning point -interior 51 Car-wash plant Cleaning point -outdoor 52 Short dry-cleaning track Cleaning point 53 Pollution protective plate Track where floor that avoids pollution of</pre>

the earth below
 54 Sand-filling station Location where sand is filled
 55 Repair track Location where a train/wagon/engine can be repaired
 56 Signal box The location of a building containing signalling equipment

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          <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:restriction>
  </xs:simpleType>

```

	<pre> <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="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="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="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> </pre>
--	---

	<pre> <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="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="21"> <xs:annotation> <xs:documentation>Building</xs:documentation> <xs:documentation>Those buildings where IM placed his staff for direct communication with RU staff or the IM buildings serve RU activities as well.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="22"> <xs:annotation> <xs:documentation>Level crossing</xs:documentation> <xs:documentation>Place where rail and road crossing in level. on the same level (grade)</xs:documentation> </xs:annotation> </xs:enumeration> </pre>
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	<pre> <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="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="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="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> </pre>
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	<pre> <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) </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="34"> <xs:annotation> <xs:documentation>Flat wheel detector</xs:documentation> <xs:documentation>Trackside equipment which detects flat spots on wheels on passing trains.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="35"> <xs:annotation> <xs:documentation>Dynamic wheel load</xs:documentation> <xs:documentation>detector Special equipment is in trackside for inspect of the overloaded wagons.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="36"> <xs:annotation> <xs:documentation>Freight yard</xs:documentation> <xs:documentation>A freight yard is commercial usage of a physical location which can be used as a sending or a destination station in freight orders of rail freight transports. The freight yard can have his own codification</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="37"> <xs:annotation> <xs:documentation>Loading point</xs:documentation> <xs:documentation>A loading point is a commercial usage of a physical location. Each loading point is assigned to a yard.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="38"> <xs:annotation> <xs:documentation>IM Network link</xs:documentation> <xs:documentation>It allows to link two locations from different IM Networks</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="39"> <xs:annotation> <xs:documentation>Reservation code</xs:documentation> <xs:documentation/> </xs:annotation> </pre>
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	<pre> </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="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="45"> <xs:annotation> <xs:documentation> Sewage dump Place 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> </pre>
--	--

	<pre> </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="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="50"> <xs:annotation> <xs:documentation> Indoor cleaning platform Cleaning 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 track Cleaning point </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="54"> <xs:annotation> <xs:documentation> </pre>
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filled	Sand-filling station	Location where sand is
	<code></xs:documentation></code> <code></xs:annotation></code> <code></xs:enumeration></code> <code><xs:enumeration value="55"></code> <code><xs:annotation></code> <code><xs:documentation></code>	
can	Repair track Location where a train/wagon/engine be repaired	
	<code></xs:documentation></code> <code></xs:annotation></code> <code></xs:enumeration></code> <code><xs:enumeration value="56"></code> <code><xs:annotation></code> <code><xs:documentation></code>	
signalling	Signal box	The location of a building containing equipment
	<code></xs:documentation></code> <code></xs:annotation></code> <code></xs:enumeration></code> <code><xs:enumeration value="66"></code> <code><xs:annotation></code> <code><xs:documentation></code> Location ENEE Code	
location	Legacy ENEE code of the parent primary	
	<code></xs:documentation></code> <code></xs:annotation></code> <code></xs:enumeration></code> <code><xs:enumeration value="90"></code> <code><xs:annotation></code> <code><xs:documentation></code> Test Loc	
a	subsidary of another location.	
	<code></xs:documentation></code> <code></xs:annotation></code> <code></xs:enumeration></code> <code></xs:restriction></code> <code></xs:simpleType></code> <code></xs:attribute></code>	

attribute **TimingQualifierCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.4		
type	restriction of xs:token		
facets	Kind	Value	Annotation
	enumeration	PLA	
	enumeration	PLD	
	enumeration	ELA	
	enumeration	ELD	
	enumeration	LLA	

	enumeration LLD enumeration ALA enumeration ALD
annotation	documentation 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
source	<pre> <xs:attribute name="TimingQualifierCode"> <xs:annotation> <xs:documentation> 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</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="PLA"/> <xs:enumeration value="PLD"/> <xs:enumeration value="ELA"/> <xs:enumeration value="ELD"/> <xs:enumeration value="LLA"/> <xs:enumeration value="LLD"/> <xs:enumeration value="ALA"/> <xs:enumeration value="ALD"/> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>