



Moving Europe towards a sustainable and safe railway system without frontiers.

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Valenciennes, 4/7/2024

IRAIL Project Compliance Test – CEF Grant Agreement INEA/CEF/TRAN/M2018/ 1777054

Dear Javier García Arenas,

I confirm and certify herewith that the following TAF TSI functionalities implemented by the company DSI – Transfesa Logistics (Spain), within the project “CEF Grant Agreement INEA/CEF/TRAN/M2018/ 1777054”, are compliant with the appropriate provisions of the [TAF-TSI Regulation \(EU\) 2021/541](#) and its [Technical Documents](#) (XSD version 2.2.2 and 3.4.0) as follows:

TAF function / milestone tested	TAF TSI chapter	Type Compliance
M04 - Consignment note	4.2.1. Consignment Note data	Soft
M05 - WIMO	4.2.10.2. Wagon and Intermodal unit Operational Database	Soft
M06 – Inter Change reporting	4.2.6. Shipment ETA	Soft
M07 - Wagon reporting	4.2.7. Wagon Movement	Soft
M08 - Path Request	4.2.2.2. Path Request message	Hard
M09 - Train composition	4.2.3.2. Train Composition message	Hard
M10 - Train Ready	4.2.3.3. Train ready message	Hard
M11 - Train Running Forecast	4.2.4.2. Train running forecast message	Hard
M12 - Train Running Interrupted	4.2.5.2. Train running interrupted	Hard
M13 - Reference files	4.2.10.1. Reference files	Hard
M14 - Common Interface	4.2.11.1. General Architecture and 4.2.11.5. Common Interface	Hard

M15 - Unique Train ID	4.2.1. Object Identifiers of the ERA recommendation 006REC1128 V2.0 from 27/01/2022	Hard
M16 - RSRD	4.2.9.2. The Rolling Stock Reference Databases	Soft

Above *soft* compliance is based on the fact that above message carries all mandatory elements from the TAF TSI XSD (see chapter 6.2.1 of the TAF TSI).

To enable the ERA verification, DSI – Transfesa Logistics has sent in April and May 2024 to ERA TAF TSI compliant

- Consignment note
- WIMO
- Inter Change reporting
- Wagon reporting
- Path Request
- Train composition
- Train Ready
- Train Running Forecast
- Train Running Interrupted
- Reference files
- Common Interface
- Unique Train ID
- RSRD

messages / datasets implemented and used in operation in its own IT system (see Annexes).

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Operational Data Unit
Project Officer
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Annex – Message / Datasets

Consignment note

```
<?xml version="1.0" encoding="utf-16"?>
<IMECNMessages xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="file:///C:/... version_1_5(2024_01_02)_0.xsd">
```

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<InterchangeHeader>
  <InterchangeID>2023122710234</InterchangeID>
  <SenderIdentification>1012</SenderIdentification>
  <ReceiverIdentification>9876</ReceiverIdentification>
  <MsgPreparationDatetime>2023-12-
27T10:23:12.4182412+01:00</MsgPreparationDatetime>
  <xsdVersion>1.5</xsdVersion>
</InterchangeHeader>
<ECNs>
  <ECNHeader>
    <SendingCarrier>1012</SendingCarrier>
    <ReceivingCarrier>1012</ReceivingCarrier>
    <MessageReferenceNumber>2023122710234</MessageReferenceNumber>
    <ShipmentType>CIM</ShipmentType>
    <MessageType>ECN</MessageType>
    <ECNPreparationDatetime>2023-12-
27T10:23:12.4182412+01:00</ECNPreparationDatetime>
    <DossierNumber>2180202310183940000</DossierNumber>
    <ECNVersionNumber>1</ECNVersionNumber>
  </ECNHeader>
  <ECN>
    <AcceptancePoint>
      <Station>
        <CountryCodeISO>MT</CountryCodeISO>
        <LocationPrimaryCode>12345</LocationPrimaryCode>
        <PrimaryLocationName>City A</PrimaryLocationName>
      </Station>
      <ProductionStation>
        <CountryCodeISO>MT</CountryCodeISO>
        <LocationPrimaryCode>12345</LocationPrimaryCode>
        <PrimaryLocationName>City A</PrimaryLocationName>
      </ProductionStation>
      <AcceptanceDate>2023-10-22T00:00:00+02:00</AcceptanceDate>
      <ConsignmentNumber>000026</ConsignmentNumber>
    </AcceptancePoint>
    <DeliveryPoint>
      <Station>
        <CountryCodeISO>MT</CountryCodeISO>
        <LocationPrimaryCode>12345</LocationPrimaryCode>
        <PrimaryLocationName>City A</PrimaryLocationName>
      </Station>
      <ProductionStation>
        <CountryCodeISO>MT</CountryCodeISO>
        <LocationPrimaryCode>12345</LocationPrimaryCode>
        <PrimaryLocationName>City A</PrimaryLocationName>
      </ProductionStation>
    </DeliveryPoint>
    <Customers>
      <Customer Type="CR">
        <Name>YYYXXX</Name>
        <Street>Langer Lane 34 I</Street>
        <Country>IS</Country>
        <ZIPCode>9999</ZIPCode>
        <City>City C</City>
        <Contacts>

```

```

<PhoneNumber>+391234567899</PhoneNumber>
<Email>test@test.com</Email>
</Contacts>
</Customer>
<Customer Type="CE">
  <Name>YYYXXX</Name>
  <Street>Carrer Y</Street>
  <Country>IS</Country>
  <ZIPCode>9999</ZIPCode>
  <City>City C</City>
</Contacts>
  <PhoneNumber>+3412345111111111</PhoneNumber>
  <Email>test@test.com</Email>
</Contacts>
</Customer>
</Customers>
<AdditionalInformation>
  <ConsignorReference>10</ConsignorReference>
  <InformationConsignee>A City 17.05BZA
225BD622</InformationConsignee>
</AdditionalInformation>

```

WIMO

Warning: only the top 250 items are shown. Click here to load the top 4000 items

Type	Wagon No	Type	Wagon SubType	Keeper	ECM	Owner	UserCreatedBy	R...	Ta...	Axes	Defect Code	Wagon Status	Next Required ...	Next revision	Next cartage
■ Type: Etko	32715928282-8	Etko		TRANSFESA RAIL	Transportes Ferroviarios Especial...	TRANSFESA RAIL	O.Gonzalez.Teixeira	72	23,2	4		Not checked by ...	30/08/2027	30/11/2027	
■ Type: GBS	24711500378-8	GBS		TRANSFESA RAIL	Transportes Ferroviarios Especial...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	10	2		Cartage not valid	05/03/2005	05/06/2005	
■ Type: Laers	22714370098-6	Laers		RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	O.Gonzalez.Teixeira	0	38	0		Not checked by ...			
	22714370099-2	Laers		RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	O.Gonzalez.Teixeira	0	38	0		Not checked by ...			
	22714370093-7	Laers		RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	O.Gonzalez.Teixeira	0	38	0		Not checked by ...			
	22714370099-5	Laers		RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	O.Gonzalez.Teixeira	0	38	0		Not checked by ...			
	22714370084-6	Laers		RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	O.Gonzalez.Teixeira	0	38	0		Not checked by ...			
	22714370063-0	Laers		RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	O.Gonzalez.Teixeira	0	38	0		Not checked by ...			
	22714370065-8	Laers		RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	O.Gonzalez.Teixeira	0	38	0		Not checked by ...			
	22714370051-5	Laers		RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	O.Gonzalez.Teixeira	0	38	0		Not checked by ...			
	22714370049-9	Laers		RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	O.Gonzalez.Teixeira	0	38	0		Not checked by ...			
	22714370088-7	Laers		RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	O.Gonzalez.Teixeira	0	38	0		Not checked by ...			
	22714370086-1	Laers		RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	O.Gonzalez.Teixeira	0	38	0		Not checked by ...			
	22714370083-8	Laers		RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	O.Gonzalez.Teixeira	0	38	0		Not checked by ...			
	22714370069-7	Laers		RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	RENFE ALQUILER DE MA	O.Gonzalez.Teixeira	0	38	0		Not checked by ...			
	24714370179-2	Laers		TRANSFESA RAIL	Transportes Ferroviarios Especial...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	72	32,7	4		Not checked by ...	26/06/2024	26/09/2024	
	25804363159-1	Laers		TRANSFESA RAIL	Transportes Ferroviarios Especial...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	72	34	4		Not checked by ...	06/09/2026	06/12/2026	
	25804363160-9	Laers		TRANSFESA RAIL	Transportes Ferroviarios Especial...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	72	34	4		Not checked by ...	07/02/2028	07/01/2027	
	25804363158-3	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			
	25804363157-5	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			
	25804363155-9	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			
	25804363156-7	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			
	25804363154-2	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			
	25804363153-4	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			
	25804363152-6	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			
	25804363151-8	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			
	25804363150-0	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			
	25804363149-2	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			
	25804363148-4	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			
	25804363147-6	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			
	25804363146-8	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			
	25804363145-0	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			
	25804363144-3	Laers		OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY TRANSP...	OLD DRIVER AGENCY T...	O.Gonzalez.Teixeira	0	34	0		Not checked by ...			

Wagon Movement

```

<?xml version="1.0" encoding="utf-8"?>
<FILE xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <FIELD00>

```

```

    <F000IDN>1</F000IDN>
    <F001SEID>1012</F001SEID>
    <F002REID>9876</F002REID>
    <F003TIME>2023-12-20T17:35:30.3106066+01:00</F003TIME>
    <F004VERS>05</F004VERS>
  </FIELD00>
  <MESSAGE>
    <FIELD10 F010EVRU="1012" F020ETYP="03" F030TIME="20231220173538"/>
    <FIELD20 F030WAGO="249927701239" F040FLAG="1" F050TRAI="12345"
F060CREA="20231218" F070WADA="202312181105" F080FORA="71" F090FSCO="65123"
F100FSDE="D Town" F110INSR="71" F120INSC="45600" F130INSD="AVillage" F150DERA="71"
F160DSTC="98111" F170DSTD="C Lake" F180REAL="202312181620" F190TWEW="65000"/>
    <FIELD40 F320FORA="71" F330FOST="65987" F340FOSN="00002"
F350FOSD="BCity" F360FODA="20231213" F380CRDE="Client Test"/>
    <FIELD70>
      <FIELD71>
        <F710CACO>1012</F710CACO>
        <F720CAST>2</F720CAST>
      </FIELD71>
      <FIELD71>
        <F710CACO>2171</F710CACO>
        <F720CAST>0</F720CAST>
      </FIELD71>
      <FIELD72>
        <F750DSCC>71</F750DSCC>
        <F760DSSC>98222</F760DSSC>
        <F770DSDE>VICV-MER-PTO SEC</F770DSDE>
      </FIELD72>
    </FIELD70>
  </MESSAGE>
</FILE>

```

Path Request

```

<?xml version="1.0"?>
<PathRequestMessage xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://www.era.europa.eu/schemes/TAFTSI/3.4"
xsi:schemaLocation="http://www.era.europa.eu/schemes/TAFTSI/3.4
file:///C:/Users/.../XSD%203.4.0/taf_cat_complete.xsd">
  <MessageHeader>
    <MessageReference>
      <MessageType>2006</MessageType>
      <MessageTypeVersion>3.4.0</MessageTypeVersion>
      <MessageIdentifier>67b497c4-21cd-4e14-bd3e-
d969caa87c9e</MessageIdentifier>
      <MessageDateTime>2024-02-
20T14:26:05.6137415+01:00</MessageDateTime>
    </MessageReference>
    <SenderReference>631c9a88-d6ea-449b-8ea2-e1f478d28fbb</SenderReference>
    <Sender>1012</Sender>
    <Recipient>9876</Recipient>
  </MessageHeader>
  <AdministrativeContactInformation>

```

```

        <Name>YYYYXX</Name>
    </AdministrativeContactInformation>
    <Identifiers>
        <PlannedTransportIdentifiers>
            <ObjectType>PR</ObjectType>
            <Company>6543</Company>
            <Core>-----12345</Core>
            <Variant>00</Variant>
            <TimetableYear>2024</TimetableYear>
        </PlannedTransportIdentifiers>
        <PlannedTransportIdentifiers>
            <ObjectType>TR</ObjectType>
            <Company>6543</Company>
            <Core>-----12345</Core>
            <Variant>00</Variant>
            <TimetableYear>2024</TimetableYear>
        </PlannedTransportIdentifiers>
        <PlannedTransportIdentifiers>
            <ObjectType>CR</ObjectType>
            <Company>6543</Company>
            <Core>-----12345</Core>
            <Variant>00</Variant>
            <TimetableYear>2024</TimetableYear>
        </PlannedTransportIdentifiers>
    </Identifiers>
    <MessageStatus>1</MessageStatus>
    <TypeOfRequest>2</TypeOfRequest>
    <TypeOfInformation>4</TypeOfInformation>
    <TrainInformation>
        <PlannedJourneyLocation>
            <CountryCodeISO>MT</CountryCodeISO>
            <LocationPrimaryCode>12345</LocationPrimaryCode>
            <PrimaryLocationName>City A</PrimaryLocationName>
            <TimingAtLocation>
                <Timing d5p1:TimingQualifierCode="ELD"
xmlns:d5p1="http://www.era.europa.eu/schemes/TAFTSI/3.4">
                    <d5p1:Time>12:00:00.0000000+01:00</d5p1:Time>
                    <d5p1:Offset>-1</d5p1:Offset>
                </Timing>
            </TimingAtLocation>
            <ResponsibleRU>9876</ResponsibleRU>
            <ResponsibleIM>1234</ResponsibleIM>
            <PlannedTrainData>
                <TrainType>2</TrainType>
                <TrafficType>
                    <TrafficTypeCode>C5</TrafficTypeCode>
                </TrafficType>
                <PlannedTrainTechnicalData>
                    <TrainWeight>1111</TrainWeight>
                    <TrainLength>213</TrainLength>
                    <TractionDetails>
                        <LocoTypeNumber>
                            <TypeCode1>9</TypeCode1>
                            <TypeCode2>1</TypeCode2>
                            <CountryCode>80</CountryCode>

```

```

        <SeriesNumber>6186</SeriesNumber>
    </LocoTypeNumber>
    <TractionWeight>1111</TractionWeight>
    <Length>
        <Value>12550</Value>
        <Measure>mm</Measure>
    </Length>
</TractionDetails>
<TrainMaxSpeed>100</TrainMaxSpeed>
<BrakeType>1</BrakeType>
<BrakingRatio>57</BrakingRatio>
</PlannedTrainTechnicalData>
</PlannedTrainData>
<OperationalTrainNumber>11111</OperationalTrainNumber>
<JourneyLocationTypeCode>01</JourneyLocationTypeCode>
</PlannedJourneyLocation>
<PlannedJourneyLocation>
    <CountryCodeISO>MT</CountryCodeISO>
    <LocationPrimaryCode>12345</LocationPrimaryCode>
    <PrimaryLocationName>City A</PrimaryLocationName>
    <TimingAtLocation>
        <Timing d5p1:TimingQualifierCode="ELA"
xmlns:d5p1="http://www.era.europa.eu/schemes/TAFTSI/3.4">
            <d5p1:Time>12:00:00.0000000+01:00</d5p1:Time>
            <d5p1:Offset>-1</d5p1:Offset>
        </Timing>
        <Timing d5p1:TimingQualifierCode="LLA"
xmlns:d5p1="http://www.era.europa.eu/schemes/TAFTSI/3.4">
            <d5p1:Time>18:00:00.0000000+01:00</d5p1:Time>
            <d5p1:Offset>0</d5p1:Offset>
        </Timing>
    </TimingAtLocation>
    <ResponsibleRU>9876</ResponsibleRU>
    <ResponsibleIM>1234</ResponsibleIM>
...

```

Train composition

```

?xml version="1.0"?>
<TrainCompositionMessage xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://www.era.europa.eu/schemes/TAFTSI/3.4"
xsi:schemaLocation="http://www.era.europa.eu/schemes/TAFTSI/3.4
file:///C:/Users/.../XSD%203.4.0/taf_cat_complete.xsd">
    <MessageHeader>
        <MessageReference>
            <MessageType>3003</MessageType>
            <MessageTypeVersion>3.4.0.adif</MessageTypeVersion>
            <MessageIdentifier>6e851303-6cd6-4ed7-9a2f-
177ce6eb74c6</MessageIdentifier>
            <MessageDateTime>2024-04-
09T17:59:11.6210843+02:00</MessageDateTime>
        </MessageReference>
    </MessageHeader>

```

```

        <SenderReference>XXXXX</SenderReference>
        <Sender>1012</Sender>
        <Recipient>9876</Recipient>
    </MessageHeader>
    <MessageStatus>1</MessageStatus>
    <TransportOperationalIdentifiers>
        <ObjectType>TR</ObjectType>
        <Company>6543</Company>
        <Core>-----12345</Core>
        <Variant>00</Variant>
        <TimetableYear>2024</TimetableYear>
        <StartDate>2024-04-05</StartDate>
    </TransportOperationalIdentifiers>
    <OperationalTrainNumberIdentifier>
        <OperationalTrainNumber>11111</OperationalTrainNumber>
        <ScheduledTimeAtHandover>2024-04-05T11:30:00</ScheduledTimeAtHandover>
    </OperationalTrainNumberIdentifier>
    <TrainCompositionJourneySection>
        <JourneySection>
            <JourneySectionOrigin>
                <CountryCodeISO>MT</CountryCodeISO>
                <LocationPrimaryCode>12345</LocationPrimaryCode>
                <PrimaryLocationName>City A</PrimaryLocationName>
            </JourneySectionOrigin>
            <JourneySectionDestination>
                <CountryCodeISO>MT</CountryCodeISO>
                <LocationPrimaryCode>12345</LocationPrimaryCode>
                <PrimaryLocationName>City A</PrimaryLocationName>
            </JourneySectionDestination>
            <ResponsibilityActualSection>
                <ResponsibleRU>9876</ResponsibleRU>
                <ResponsibleIM>1234</ResponsibleIM>
            </ResponsibilityActualSection>
            <ResponsibilityNextSection>
                <ResponsibleRU>9876</ResponsibleRU>
                <ResponsibleIM>1234</ResponsibleIM>
            </ResponsibilityNextSection>
        </JourneySection>
    <TrainRunningData>
        <TrainRunningTechData>
            <TrainType>2</TrainType>
            <TrainWeight>1111</TrainWeight>
            <TrainLength>54</TrainLength>
            <TrainMaxSpeed>100</TrainMaxSpeed>
            <NumberOfVehicles>3</NumberOfVehicles>
            <NumberOfAxles>10</NumberOfAxles>
        </TrainRunningTechData>
        <DangerousGoodsIndicator>false</DangerousGoodsIndicator>
    </TrainRunningData>
    <LocoIdent>
        <TractionType>21</TractionType>
        <LocoTypeNumber>
            <TypeCode1>1</TypeCode1>
            <TypeCode2>1</TypeCode2>
            <CountryCode>11</CountryCode>

```

```

        <SeriesNumber>1111</SeriesNumber>
        <SerialNumber>111</SerialNumber>
        <ControlDigit>1</ControlDigit>
    </LocoTypeNumber>
    <LocoNumber>11111111111</LocoNumber>
    <TractionMode>11</TractionMode>
</LocoIdent>
<WagonData>
    <WagonNumberFreight>11111111111</WagonNumberFreight>
    <WagonTrainPosition>1</WagonTrainPosition>
    <WagonOperationalData>
        <BrakeType>1</BrakeType>
        <WagonMaxSpeed>120</WagonMaxSpeed>
        <TotalLoadWeight>1111</TotalLoadWeight>

```

...

Train Ready

```

<?xml version="1.0"?>
<TrainReadyMessage xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns="http://www.era.europa.eu/schemes/TAFTSI/3.4"
xsi:schemaLocation="http://www.era.europa.eu/schemes/TAFTSI/3.4
file:///C:/Users/.../XSD%203.4.0/taf_cat_complete.xsd">
    <MessageHeader>
        <MessageReference>
            <MessageType>3006</MessageType>
            <MessageTypeVersion>2.2.2</MessageTypeVersion>
            <MessageIdentifier>0bff33fc-6f3d-4b1f-a44b-
3222d9709c26</MessageIdentifier>
            <MessageDateTime>2023-12-
01T11:06:03.077523+01:00</MessageDateTime>
        </MessageReference>
        <SenderReference>0bff33fc-6f3d-4b1f-a44b-3222d9709c26</SenderReference>
        <Sender>1012</Sender>
        <Recipient>1234</Recipient>
    </MessageHeader>
    <MessageStatus>1</MessageStatus>
    <TransportOperationalIdentifiers>
        <ObjectType>TR</ObjectType>
        <Company>1012</Company>
        <Core>-----</Core>
        <Variant>00</Variant>
        <TimetableYear>2023</TimetableYear>
        <StartDate>2023-12-01</StartDate>
    </TransportOperationalIdentifiers>
    <OperationalTrainNumberIdentifier>
        <OperationalTrainNumber>90681</OperationalTrainNumber>
    </OperationalTrainNumberIdentifier>
    <TrainContactDetails>Unknown</TrainContactDetails>
    <TrainLocation>
        <CountryCodeISO>CY</CountryCodeISO>
        <LocationPrimaryCode>98765</LocationPrimaryCode>
    </TrainLocation>

```

```

    <TrainReadyStatus>
      <TrainReady>1</TrainReady>
    </TrainReadyStatus>
    <TransferPoint>
      <CountryCodeISO>CY</CountryCodeISO>
      <LocationPrimaryCode>12345</LocationPrimaryCode>
    </TransferPoint>
    <TransfereeIM>0099</TransfereeIM>
    <TrainStartTime>0001-01-01T00:00:00</TrainStartTime>
    <TrainReadyTime>0001-01-01T00:00:00</TrainReadyTime>
  </TrainReadyMessage>

```

Train Running Forecast

```

<?xml version="1.0" encoding="UTF-8"?>
<ns1:TrainRunningForecastMessage
  xmlns:ns1="http://www.era.europa.eu/schemes/TAFTSI/3.4"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.era.europa.eu/schemes/TAFTSI/3.4
file:///C:/Users/.../XSD%203.4.0/taf_cat_complete.xsd">
  <ns1:MessageHeader>
    <ns1:MessageReference>
      <ns1:MessageType>4004</ns1:MessageType>
      <ns1:MessageTypeVersion>3.4.0</ns1:MessageTypeVersion>
      <MessageIdentifier
xmlns="http://www.era.europa.eu/schemes/TAFTSI/3.4">28fe452e-902b-11ee-a185-
005056be0f5a</MessageIdentifier>
      <MessageDateTime
xmlns="http://www.era.europa.eu/schemes/TAFTSI/3.4">2023-12-
01T10:22:34.101+01:00</MessageDateTime>
    </ns1:MessageReference>
    <ns1:Sender>0071</ns1:Sender>
    <ns1:MessageDateTimeCreated>2023-12-
01T10:22:33.985+01:00</ns1:MessageDateTimeCreated>
    <ns1:Recipient>9876</ns1:Recipient>
  </ns1:MessageHeader>
  <ns1:MessageStatus>1</ns1:MessageStatus>
  <ns1:OperationalTrainNumberIdentifier>
    <ns1:OperationalTrainNumber>98765</ns1:OperationalTrainNumber>
    <ns1:ScheduledTimeAtHandover>2023-12-
01T10:02:30+01:00</ns1:ScheduledTimeAtHandover>
    <ns1:ScheduledDateTimeAtTransfer>2023-12-
01T18:39:00+01:00</ns1:ScheduledDateTimeAtTransfer>
  </ns1:OperationalTrainNumberIdentifier>
  <ns1:ResponsibleRU>1012</ns1:ResponsibleRU>
  <ns1:TrainLocationReport>
    <ns1:Location>
      <ns1:CountryCodeISO>MT</ns1:CountryCodeISO>
      <ns1:LocationPrimaryCode>12345</ns1:LocationPrimaryCode>
      <ns1:PrimaryLocationName>B Village</ns1:PrimaryLocationName>
    </ns1:Location>
    <ns1:LocationDateTime>2023-12-01T17:39:00+01:00</ns1:LocationDateTime>
    <ns1:TrainLocationStatus>01</ns1:TrainLocationStatus>
  </ns1:TrainLocationReport>
</ns1:TrainRunningForecastMessage>

```

```

    <ns1:BookedLocationDateTime>2023-12-
01T18:39:00+01:00</ns1:BookedLocationDateTime>
    <ns1:TrainDelay>
      <ns1:AgainstBooked>-0060</ns1:AgainstBooked>
    </ns1:TrainDelay>
  </ns1:TrainLocationReport>
  <ns1:TransferPoint>
    <ns1:CountryCodeISO>CY</ns1:CountryCodeISO>
    <ns1:LocationPrimaryCode>98765</ns1:LocationPrimaryCode>
    <ns1:PrimaryLocationName>B Stad</ns1:PrimaryLocationName>
  </ns1:TransferPoint>
</ns1:TrainRunningForecastMessage>

```

Train Running Interrupted

```

<?xml version="1.0" encoding="UTF-8"?>
<ns1:TrainRunningInterruptionMessage
  xmlns:ns1="http://www.era.europa.eu/schemes/TAFTSI/3.4"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.era.europa.eu/schemes/TAFTSI/3.4
file:///C:/Users/.../XSD%203.4.0/taf_cat_complete.xsd">
  <ns1:MessageHeader>
    <ns1:MessageReference>
      <ns1:MessageType>4006</ns1:MessageType>
      <ns1:MessageTypeVersion>3.4.0</ns1:MessageTypeVersion>
      <ns1:MessageIdentifier
xmlns="http://www.era.europa.eu/schemes/TAFTSI/3.4">a</ns1:MessageIdentifier>
      <ns1:MessageDateTime
xmlns="http://www.era.europa.eu/schemes/TAFTSI/3.4">2001-12-
17T09:30:47Z</ns1:MessageDateTime>
    </ns1:MessageReference>
    <ns1:Sender>0071</ns1:Sender>
    <ns1:MessageDateTimeCreated>2023-12-
01T10:37:56.221+01:00</ns1:MessageDateTimeCreated>
    <ns1:Recipient>9876</ns1:Recipient>
  </ns1:MessageHeader>
  <ns1:MessageStatus>1</ns1:MessageStatus>
  <ns1:OperationalTrainNumberIdentifier>
    <ns1:OperationalTrainNumber>1111</ns1:OperationalTrainNumber>
    <ns1:ScheduledTimeAtHandover>2023-12-
01T10:02:30+01:00</ns1:ScheduledTimeAtHandover>
    <ns1:ScheduledDateTimeAtTransfer>2023-12-
01T18:39:00+01:00</ns1:ScheduledDateTimeAtTransfer>
  </ns1:OperationalTrainNumberIdentifier>
  <ns1:ResponsibleRU>1012</ns1:ResponsibleRU>
  <ns1:InterruptionPoint>
    <ns1:Location>
      <ns1:CountryCodeISO>CY</ns1:CountryCodeISO>
      <ns1:LocationPrimaryCode>98765</ns1:LocationPrimaryCode>
      <ns1:PrimaryLocationName>A River</ns1:PrimaryLocationName>
    </ns1:Location>
    <ns1:DetailedDescriptionOfLocation>2023-12-
01T10:14:20+01:00</ns1:DetailedDescriptionOfLocation>

```

```

<ns1: Interruption>
  <ns1: InterruptionDateTime>2023-12-
01T09:14:20+01:00</ns1: InterruptionDateTime>
</ns1: Interruption>
</ns1: InterruptionPoint>
<ns1: TransferPoint>
  <ns1: CountryCodeISO>MT</ns1: CountryCodeISO>
  <ns1: LocationPrimaryCode>12345</ns1: LocationPrimaryCode>
  <ns1: PrimaryLocationName>B City</ns1: PrimaryLocationName>
</ns1: TransferPoint>
</ns1: TrainRunningInterruptionMessage>

```

Reference files

The screenshot shows the RailCube application interface. On the left is a navigation menu with options like Messaging, Accounts, My Profile, Export data, Import data wizard, Refresh, Reset server planning cache, Change password, View release notes, About, and Exit. The main area displays a table of infrastructure data with columns: Station, Country, Active, ENEE (SJC), Code, PLC, RNF Unique..., Connected RNF Border, Trigram, Short Name, Long Name, and Type. The table lists various railway lines and stations across different countries, including Spain, Turkey, Tunisia, Syria, Switzerland, Korea, Slovenia, Serbia, Senegal, Romania, Republic of Moldova, Poland, Norway, Netherlands, Portugal, Office National des, Czech Republic, Hungary, Macedonia, Luxembourg, Lithuania, Latvia, and Kyrgyzstan.

Common Interface

The screenshot shows the RNECCS Common Components System interface. The top navigation bar includes Dashboard, Administration, Reference Data, Log & Audit, Metadata, Mapping, LI Information, and Reports. The main area is titled 'Administration >> Routing Configuration >> Message Routing'. It features a 'Filter' section with dropdowns for Message Direction, Message Type, Status, Routing Name, Instance Name, Remote LI, Sender Company, and Receiver Company. Below the filter are buttons for 'Add In-Bound Message Routing' and 'Add Out-Bound Message Routing'. The bottom section displays a table of records with columns: Actions, Routing Name, Instance Name/RemoteLI, Message Direction, Message Type, and Status. The table shows four records for ADIF_TCM, ADIF_TCM3400, ADIF_TR, and ADIF_TR3400, all with 'Out-bound' direction and 'Active' status.

Unique Train ID

```

<PlannedTransportIdentifiers>
  <ObjectType>TR</ObjectType>
  <Company>6543</Company>
  <Core>-----12345</Core>
  <Variant>00</Variant>
  <TimetableYear>2024</TimetableYear>
</PlannedTransportIdentifiers>
<PlannedTransportIdentifiers>
  <ObjectType>CR</ObjectType>
  <Company>6543</Company>
  <Core>-----12345</Core>
  <Variant>00</Variant>
  <TimetableYear>2024</TimetableYear>
</PlannedTransportIdentifiers>

```

RSRD

```

<<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<!-- edited with XMLSpy v2020 rel. 2 sp1 (x64) (http://www.altova.com) by EU Agency
for Railways (ERA - European Railway Agency) -->
<UploadWagonDataRequest xmlns:ns1="http://www.rsr-d.com/xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.rsr-d.com/xsd file:///C:/Users/.../RSRD.xsd">
  <MessageHeader>
    <MessageReference>
      <MessageType>1</MessageType>
      <MessageTypeVersion>RSRD2 v5.0</MessageTypeVersion>
      <MessageIdentifier>RSRD2 wagon message</MessageIdentifier>
      <MessageDateTime>2024-04-18T01:30:15.766+02:00</MessageDateTime>
    </MessageReference>
    <Sender CI_InstanceNumber="10">11</Sender>
    <Recipient>9876</Recipient>
  </MessageHeader>
  <RollingStockDataset>
    <AdministrativeDataSet>
      <WagonNumberFreight>1111111111</WagonNumberFreight>

      <PreviousWagonNumberFreight>248742740389</PreviousWagonNumberFreight>
      <RegistrationCountry>CY</RegistrationCountry>
      <DatePutIntoService>2011-01-01</DatePutIntoService>
      <Authorisation>
        <NSACompanyCode>110068</NSACompanyCode>
        <AuthorisationReference>10/585</AuthorisationReference>
        <AuthorisationDate>1997-06-26</AuthorisationDate>
      </Authorisation>
      <OwnerCompanyCode>12</OwnerCompanyCode>
      <KeeperCompanyCode>12</KeeperCompanyCode>
      <ECMCompanyCode>12</ECMCompanyCode>
      <PreviousKeeperCompanyCode>100031</PreviousKeeperCompanyCode>
      <InteropCapability>3</InteropCapability>
      <OutOfServiceFlag>false</OutOfServiceFlag>
    </AdministrativeDataSet>
  </RollingStockDataset>
</UploadWagonDataRequest>

```

```

        <GCUWagon>true</GCUWagon>
    </AdministrativeDataSet>
    <DesignDataSet>
        <LetterMarking>Xyyyy</LetterMarking>
        <WagonNumberOfAxles>3</WagonNumberOfAxles>
        <WheelDiameter>900</WheelDiameter>
        <WheelsetGauge>1668</WheelsetGauge>
        <WheelsetGauge>1435</WheelsetGauge>
        <WheelSetTransformationMethod>1</WheelSetTransformationMethod>
        <InnerWheelbase>9000</InnerWheelbase>
        <NormalLoadingGauge>G1</NormalLoadingGauge>
        <MinCurveRadius>75</MinCurveRadius>
        <WagonWeightEmpty>99999</WagonWeightEmpty>
        <LengthOverBuffers>2650</LengthOverBuffers>
        <MaxAxleWeight>22</MaxAxleWeight>
        <LoadTable>
            <SpeedCategory>100</SpeedCategory>
            <RouteClassPayloads>
                <RouteClass>A</RouteClass>
                <MaxPayload>18.0</MaxPayload>
            </RouteClassPayloads>
            <RouteClassPayloads>
                <RouteClass>B</RouteClass>
                <MaxPayload>18.0</MaxPayload>
            </RouteClassPayloads>
            <RouteClassPayloads>
                <RouteClass>C</RouteClass>
                <MaxPayload>18.0</MaxPayload>
            </RouteClassPayloads>
        </LoadTable>
        <MaxDesignSpeed>100</MaxDesignSpeed>
        <AirBrake>
            <NumberOfBrakes>1</NumberOfBrakes>
            <BrakeSystem>KE</BrakeSystem>
            <AirBrakeType>3</AirBrakeType>

        <BrakingPowerVariationDevice>0</BrakingPowerVariationDevice>
        <AirBrakedMass>31</AirBrakedMass>

        <BrakeSpecialCharacteristics>6</BrakeSpecialCharacteristics>
        </AirBrake>
        <HandBrake>
            <HandBrakeType>1</HandBrakeType>
            <HandBrakedWeight>26</HandBrakedWeight>
        </HandBrake>
        <BrakeBlock>
            <BrakeBlockName>LL</BrakeBlockName>

        <CompositeBrakeBlockRetrofitted>true</CompositeBrakeBlockRetrofitted>
        <CompositeBrakeBlockInstallationDate>2017-04-
13</CompositeBrakeBlockInstallationDate>
    </BrakeBlock>
    <LoadingCapacity>0</LoadingCapacity>
    <MaxGrossWeight>49000</MaxGrossWeight>
    <FerryPermittedFlag>false</FerryPermittedFlag>

```

```
<TemperatureRange>  
  <MaxTemp>0</MaxTemp>  
  <MinTemp>0</MinTemp>  
</TemperatureRange>  
<MaintenancePlanRef>TF427300</MaintenancePlanRef>  
<DateLastOverhaul>2024-04-16</DateLastOverhaul>  
<OverhaulValidityPeriod>6</OverhaulValidityPeriod>  
<PermittedTolerance>3</PermittedTolerance>  
<PlannedDateNextOverhaul>2030-04-16</PlannedDateNextOverhaul>  
</DesignDataSet>  
</RollingStockDataset>
```