



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

Nuno Timoteo
IT Application Coordinator
MEDWAY - Transporte & Logística
Avenida da República, Nº 66
1050-197, Lisboa
Portugal

Valenciennes, 30/9/2024

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

Dear Nuno Timoteo,

I confirm and certify herewith that the following TAF TSI functionalities implemented by the company MEDWAY - Transporte & Logística (Portugal), 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 2.3.1) as follows:

TAF function / milestone tested	TAF TSI chapter	Type of Compliance	Activity Number
M19 - Train composition	4.2.3.2. Train Composition message	Hard	<i>Activity 2</i>
M19 - Train Ready	4.2.3.3. Train ready message	Hard	<i>Activity 2</i>
M19 - Train Running Forecast	4.2.4.2. Train running forecast message	Hard	<i>Activity 2</i>
M19 - Train Running Interrupted	4.2.5.2. Train running interrupted	Soft	<i>Activity 2</i>

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, MEDWAY - Transporte & Logística has sent in February 2024 and August 2024 to ERA TAF TSI compliant

- Train composition
- Train Ready
- Train Running Forecast
- Train Running Interrupted

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

Mickael VARGA
European Union Agency for Railways
Operational Data Unit
Project Officer
Email: mickael.varga@era.europa.eu

Annex – Message / Datasets

```

<?xml version="1.0" encoding="UTF-8"?>
<TrainCompositionMessage xmlns:ns0="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
../XSD%203.4.0/taf_cat_complete.xsd">
  <MessageHeader>
    <MessageReference>
      <MessageType>3003</MessageType>
      <MessageTypeVersion>2.2.2</MessageTypeVersion>

      <MessageIdentifier>000D3A39F2C81EEF9CA191848CE2B603</MessageIdentifier>
      <MessageDateTime>2024-09-12T13:40:12.000+00:00</MessageDateTime>
    </MessageReference>
    <SenderReference>XXXXX</SenderReference>
    <Sender>1234</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>2024-09-12</StartDate>
  </TransportOperationalIdentifiers>
  <OperationalTrainNumberIdentifier>
    <OperationalTrainNumber>11111</OperationalTrainNumber>
    <ScheduledTimeAtHandover>2024-09-
12T15:20:00.000+01:00</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>579</TrainLength>
      <TrainMaxSpeed>120</TrainMaxSpeed>
      <BrakeWeight>1111</BrakeWeight>
      <NumberOfVehicles>25</NumberOfVehicles>
      <NumberOfAxles>108</NumberOfAxles>
    </TrainRunningTechData>
    <DangerousGoodsIndicator>true</DangerousGoodsIndicator>
  </TrainRunningData>
  <LocoIdent>
    <TractionType>11</TractionType>
    <LocoTypeNumber>1944700</LocoTypeNumber>
    <LocoNumber>11111111111</LocoNumber>
    <TractionMode>51</TractionMode>
  </LocoIdent>
  <LocoIdent>
    <TractionType>11</TractionType>
    <LocoTypeNumber>21944700</LocoTypeNumber>
    <LocoNumber>11111111111</LocoNumber>
    <TractionMode>52</TractionMode>
  </LocoIdent>
  <LivestockOrPeopleIndicator>0</LivestockOrPeopleIndicator>
  <WagonData>
    <WagonNumberFreight>11111111111</WagonNumberFreight>
    <WagonTrainPosition>1</WagonTrainPosition>
    <WagonOperationalData>
      <BrakeWeight>1111</BrakeWeight>
      <WagonMaxSpeed>120</WagonMaxSpeed>
      <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
      <LengthOverBuffers>1508</LengthOverBuffers>
      <WagonNumberOfAxles>2</WagonNumberOfAxles>
      <HandBrakeType>1</HandBrakeType>
      <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
      <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
  </WagonData>
  <WagonData>
    <WagonNumberFreight>11111111111</WagonNumberFreight>
    <WagonTrainPosition>2</WagonTrainPosition>
    <WagonOperationalData>
      <BrakeWeight>1111</BrakeWeight>
      <WagonMaxSpeed>120</WagonMaxSpeed>
      <DangerousGoodsDetails>
        <DangerousGoodsIndication>
          <UN_Number>1263</UN_Number>
          <DangerLabel>3</DangerLabel>
          <RID_Class>3</RID_Class>
          <PackingGroup>II</PackingGroup>
        </DangerousGoodsIndication>
      </DangerousGoodsDetails>
    </WagonOperationalData>
  </WagonData>
  <LimitedQuantityIndicator>false</LimitedQuantityIndicator>
  </DangerousGoodsIndication>

```

```

<WeightOfDangerousGoods>24413.0</WeightOfDangerousGoods>
  </DangerousGoodsDetails>
  <DangerousGoodsDetails>
    <DangerousGoodsIndication>
      <UN_Number>2929</UN_Number>
      <DangerLabel>6.1</DangerLabel>
      <DangerLabel>3</DangerLabel>
      <RID_Class>6.1</RID_Class>
      <PackingGroup>I</PackingGroup>
    </DangerousGoodsIndication>
  </DangerousGoodsDetails>
  <TotalLoadWeight>1111</TotalLoadWeight>
</WagonOperationalData>
<WagonTechData>
  <LengthOverBuffers>1974</LengthOverBuffers>
  <WagonNumberOfAxles>4</WagonNumberOfAxles>
  <HandBrakeType>1</HandBrakeType>
  <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
  <WagonWeightEmpty>99999</WagonWeightEmpty>
</WagonTechData>
</WagonData>
<WagonData>
  <WagonNumberFreight>111111111111</WagonNumberFreight>
  <WagonTrainPosition>3</WagonTrainPosition>
  <WagonOperationalData>
    <BrakeWeight>1111</BrakeWeight>
    <WagonMaxSpeed>120</WagonMaxSpeed>
    <TotalLoadWeight>1111</TotalLoadWeight>
  </WagonOperationalData>
  <WagonTechData>
    <LengthOverBuffers>1974</LengthOverBuffers>
    <WagonNumberOfAxles>4</WagonNumberOfAxles>
    <HandBrakeType>1</HandBrakeType>
    <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
    <WagonWeightEmpty>99999</WagonWeightEmpty>
  </WagonTechData>
</WagonData>
<WagonData>
  <WagonNumberFreight>111111111111</WagonNumberFreight>
  <WagonTrainPosition>4</WagonTrainPosition>
  <WagonOperationalData>
    <BrakeWeight>1111</BrakeWeight>
    <WagonMaxSpeed>120</WagonMaxSpeed>
    <TotalLoadWeight>1111</TotalLoadWeight>
  </WagonOperationalData>
  <WagonTechData>
    <LengthOverBuffers>3394</LengthOverBuffers>
    <WagonNumberOfAxles>6</WagonNumberOfAxles>
    <HandBrakeType>1</HandBrakeType>
    <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
    <WagonWeightEmpty>99999</WagonWeightEmpty>
  </WagonTechData>
</WagonData>

```

```

</WagonData>
<WagonData>
  <WagonNumberFreight>1111111111</WagonNumberFreight>
  <WagonTrainPosition>5</WagonTrainPosition>
  <WagonOperationalData>
    <BrakeWeight>1111</BrakeWeight>
    <WagonMaxSpeed>120</WagonMaxSpeed>
    <TotalLoadWeight>1111</TotalLoadWeight>
  </WagonOperationalData>
  <WagonTechData>
    <LengthOverBuffers>1508</LengthOverBuffers>
    <WagonNumberOfAxles>2</WagonNumberOfAxles>
    <HandBrakeType>1</HandBrakeType>
    <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
    <WagonWeightEmpty>99999</WagonWeightEmpty>
  </WagonTechData>
</WagonData>
<WagonData>
  <WagonNumberFreight>1111111111</WagonNumberFreight>
  <WagonTrainPosition>6</WagonTrainPosition>
  <WagonOperationalData>
    <BrakeWeight>1111</BrakeWeight>
    <WagonMaxSpeed>120</WagonMaxSpeed>
    <TotalLoadWeight>1111</TotalLoadWeight>
  </WagonOperationalData>
  <WagonTechData>
    <LengthOverBuffers>1508</LengthOverBuffers>
    <WagonNumberOfAxles>2</WagonNumberOfAxles>
    <HandBrakeType>1</HandBrakeType>
    <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
    <WagonWeightEmpty>99999</WagonWeightEmpty>
  </WagonTechData>
</WagonData>
<WagonData>
  <WagonNumberFreight>1111111111</WagonNumberFreight>
  <WagonTrainPosition>7</WagonTrainPosition>
  <WagonOperationalData>
    <BrakeWeight>1111</BrakeWeight>
    <WagonMaxSpeed>120</WagonMaxSpeed>
    <TotalLoadWeight>1111</TotalLoadWeight>
  </WagonOperationalData>
  <WagonTechData>
    <LengthOverBuffers>1974</LengthOverBuffers>
    <WagonNumberOfAxles>4</WagonNumberOfAxles>
    <HandBrakeType>1</HandBrakeType>
    <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
    <WagonWeightEmpty>99999</WagonWeightEmpty>
  </WagonTechData>
</WagonData>
<WagonData>
  <WagonNumberFreight>1111111111</WagonNumberFreight>
  <WagonTrainPosition>8</WagonTrainPosition>
  <WagonOperationalData>
    <BrakeWeight>1111</BrakeWeight>
    <WagonMaxSpeed>120</WagonMaxSpeed>

```

```

        <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
        <LengthOverBuffers>1974</LengthOverBuffers>
        <WagonNumberOfAxles>4</WagonNumberOfAxles>
        <HandBrakeType>1</HandBrakeType>
        <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
        <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
</WagonData>
<WagonData>
    <WagonNumberFreight>111111111111</WagonNumberFreight>
    <WagonTrainPosition>9</WagonTrainPosition>
    <WagonOperationalData>
        <BrakeWeight>1111</BrakeWeight>
        <WagonMaxSpeed>120</WagonMaxSpeed>
        <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
        <LengthOverBuffers>3394</LengthOverBuffers>
        <WagonNumberOfAxles>6</WagonNumberOfAxles>
        <HandBrakeType>1</HandBrakeType>
        <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
        <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
</WagonData>
<WagonData>
    <WagonNumberFreight>111111111111</WagonNumberFreight>
    <WagonTrainPosition>10</WagonTrainPosition>
    <WagonOperationalData>
        <BrakeWeight>1111</BrakeWeight>
        <WagonMaxSpeed>120</WagonMaxSpeed>
        <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
        <LengthOverBuffers>1974</LengthOverBuffers>
        <WagonNumberOfAxles>4</WagonNumberOfAxles>
        <HandBrakeType>1</HandBrakeType>
        <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
        <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
</WagonData>
<WagonData>
    <WagonNumberFreight>111111111111</WagonNumberFreight>
    <WagonTrainPosition>11</WagonTrainPosition>
    <WagonOperationalData>
        <BrakeWeight>1111</BrakeWeight>
        <WagonMaxSpeed>120</WagonMaxSpeed>
        <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
        <LengthOverBuffers>1974</LengthOverBuffers>
        <WagonNumberOfAxles>4</WagonNumberOfAxles>
        <HandBrakeType>1</HandBrakeType>
        <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>

```

```

        <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
</WagonData>
<WagonData>
    <WagonNumberFreight>11111111111</WagonNumberFreight>
    <WagonTrainPosition>12</WagonTrainPosition>
    <WagonOperationalData>
        <BrakeWeight>1111</BrakeWeight>
        <WagonMaxSpeed>120</WagonMaxSpeed>
        <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
        <LengthOverBuffers>1974</LengthOverBuffers>
        <WagonNumberOfAxles>4</WagonNumberOfAxles>
        <HandBrakeType>1</HandBrakeType>
        <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
        <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
</WagonData>
<WagonData>
    <WagonNumberFreight>11111111111</WagonNumberFreight>
    <WagonTrainPosition>13</WagonTrainPosition>
    <WagonOperationalData>
        <BrakeWeight>1111</BrakeWeight>
        <WagonMaxSpeed>120</WagonMaxSpeed>
        <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
        <LengthOverBuffers>1974</LengthOverBuffers>
        <WagonNumberOfAxles>4</WagonNumberOfAxles>
        <HandBrakeType>1</HandBrakeType>
        <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
        <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
</WagonData>
<WagonData>
    <WagonNumberFreight>11111111111</WagonNumberFreight>
    <WagonTrainPosition>14</WagonTrainPosition>
    <WagonOperationalData>
        <BrakeWeight>1111</BrakeWeight>
        <WagonMaxSpeed>120</WagonMaxSpeed>
        <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
        <LengthOverBuffers>1974</LengthOverBuffers>
        <WagonNumberOfAxles>4</WagonNumberOfAxles>
        <HandBrakeType>1</HandBrakeType>
        <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
        <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
</WagonData>
<WagonData>
    <WagonNumberFreight>11111111111</WagonNumberFreight>
    <WagonTrainPosition>15</WagonTrainPosition>
    <WagonOperationalData>

```

```

        <BrakeWeight>1111</BrakeWeight>
        <WagonMaxSpeed>120</WagonMaxSpeed>
        <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
        <LengthOverBuffers>1974</LengthOverBuffers>
        <WagonNumberOfAxles>4</WagonNumberOfAxles>
        <HandBrakeType>1</HandBrakeType>
        <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
        <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
</WagonData>
<WagonData>
    <WagonNumberFreight>111111111111</WagonNumberFreight>
    <WagonTrainPosition>16</WagonTrainPosition>
    <WagonOperationalData>
        <BrakeWeight>1111</BrakeWeight>
        <WagonMaxSpeed>120</WagonMaxSpeed>
        <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
        <LengthOverBuffers>1974</LengthOverBuffers>
        <WagonNumberOfAxles>4</WagonNumberOfAxles>
        <HandBrakeType>1</HandBrakeType>
        <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
        <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
</WagonData>
<WagonData>
    <WagonNumberFreight>111111111111</WagonNumberFreight>
    <WagonTrainPosition>17</WagonTrainPosition>
    <WagonOperationalData>
        <BrakeWeight>1111</BrakeWeight>
        <WagonMaxSpeed>120</WagonMaxSpeed>
        <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
        <LengthOverBuffers>1974</LengthOverBuffers>
        <WagonNumberOfAxles>4</WagonNumberOfAxles>
        <HandBrakeType>1</HandBrakeType>
        <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
        <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
</WagonData>
<WagonData>
    <WagonNumberFreight>111111111111</WagonNumberFreight>
    <WagonTrainPosition>18</WagonTrainPosition>
    <WagonOperationalData>
        <BrakeWeight>1111</BrakeWeight>
        <WagonMaxSpeed>120</WagonMaxSpeed>
        <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
        <LengthOverBuffers>1974</LengthOverBuffers>
        <WagonNumberOfAxles>4</WagonNumberOfAxles>

```

```

        <HandBrakeType>1</HandBrakeType>
        <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
        <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
</WagonData>
<WagonData>
    <WagonNumberFreight>11111111111</WagonNumberFreight>
    <WagonTrainPosition>19</WagonTrainPosition>
    <WagonOperationalData>
        <BrakeWeight>1111</BrakeWeight>
        <WagonMaxSpeed>120</WagonMaxSpeed>
        <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
        <LengthOverBuffers>3394</LengthOverBuffers>
        <WagonNumberOfAxles>6</WagonNumberOfAxles>
        <HandBrakeType>1</HandBrakeType>
        <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
        <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
</WagonData>
<WagonData>
    <WagonNumberFreight>11111111111</WagonNumberFreight>
    <WagonTrainPosition>20</WagonTrainPosition>
    <WagonOperationalData>
        <BrakeWeight>1111</BrakeWeight>
        <WagonMaxSpeed>120</WagonMaxSpeed>
        <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
        <LengthOverBuffers>3394</LengthOverBuffers>
        <WagonNumberOfAxles>6</WagonNumberOfAxles>
        <HandBrakeType>1</HandBrakeType>
        <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
        <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
</WagonData>
<WagonData>
    <WagonNumberFreight>11111111111</WagonNumberFreight>
    <WagonTrainPosition>21</WagonTrainPosition>
    <WagonOperationalData>
        <BrakeWeight>1111</BrakeWeight>
        <WagonMaxSpeed>120</WagonMaxSpeed>
        <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
        <LengthOverBuffers>3394</LengthOverBuffers>
        <WagonNumberOfAxles>6</WagonNumberOfAxles>
        <HandBrakeType>1</HandBrakeType>
        <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
        <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
</WagonData>
<WagonData>
    <WagonNumberFreight>11111111111</WagonNumberFreight>

```

```

    <WagonTrainPosition>22</WagonTrainPosition>
    <WagonOperationalData>
      <BrakeWeight>1111</BrakeWeight>
      <WagonMaxSpeed>120</WagonMaxSpeed>
      <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
      <LengthOverBuffers>3394</LengthOverBuffers>
      <WagonNumberOfAxles>6</WagonNumberOfAxles>
      <HandBrakeType>1</HandBrakeType>
      <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
      <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
  </WagonData>
  <WagonData>
    <WagonNumberFreight>111111111111</WagonNumberFreight>
    <WagonTrainPosition>23</WagonTrainPosition>
    <WagonOperationalData>
      <BrakeWeight>1111</BrakeWeight>
      <WagonMaxSpeed>120</WagonMaxSpeed>
      <TotalLoadWeight>1111</TotalLoadWeight>
    </WagonOperationalData>
    <WagonTechData>
      <LengthOverBuffers>3394</LengthOverBuffers>
      <WagonNumberOfAxles>6</WagonNumberOfAxles>
      <HandBrakeType>1</HandBrakeType>
      <HandBrakeBrakedWeight>1111</HandBrakeBrakedWeight>
      <WagonWeightEmpty>99999</WagonWeightEmpty>
    </WagonTechData>
  </WagonData>
</TrainCompositionJourneySection>
</TrainCompositionMessage>

```

```

<TrainReadyMessage xmlns:ns0="http://www.era.europa.eu/schemes/TAFTSI/2.3"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.era.europa.eu/schemes/TAFTSI/2.3
    ../../XSD%202.3.1/taf_cat_complete.xsd">
  <MessageHeader>
    <MessageReference>
      <MessageType>3006</MessageType>
      <MessageTypeVersion>2.2.2</MessageTypeVersion>

      <MessageIdentifier>000D3A2FD0C61EEEB498A4A02CF7D606</MessageIdentifier>
      <MessageDateTime>2024-02-21T14:26:15Z</MessageDateTime>
    </MessageReference>
    <SenderReference>XXXXX</SenderReference>
    <Sender>1234</Sender>
    <Recipient>9876</Recipient>
  </MessageHeader>
  <MessageStatus>1</MessageStatus>
  <TransportOperationalIdentifiers>
    <ObjectType>TR</ObjectType>
    <Company>6543</Company>
  </TransportOperationalIdentifiers>

```

```

    <Core>-----12345</Core>
    <Variant>00</Variant>
    <TimetableYear>2024</TimetableYear>
    <StartDate>2024-02-21</StartDate>
  </TransportOperationalIdentifiers>
  <OperationalTrainNumberIdentifier>
    <OperationalTrainNumber>11111</OperationalTrainNumber>
    <ScheduledTimeAtHandover>2024-02-21T15:22:00Z</ScheduledTimeAtHandover>
  </OperationalTrainNumberIdentifier>
  <ResponsibleRU>9876</ResponsibleRU>
  <TrainContactDetails>Jose Bica 913212256 ;</TrainContactDetails>
  <TrainLocation>
    <CountryCodeISO>MT</CountryCodeISO>
    <LocationPrimaryCode>12345</LocationPrimaryCode>
  </TrainLocation>
  <TrainReadyStatus>
    <TrainReady>1</TrainReady>
  </TrainReadyStatus>
  <TrainStartTime>2024-02-21T14:26:15Z</TrainStartTime>
</TrainReadyMessage>

<TrainRunningForecastMessage xmlns="http://www.era.europa.eu/schemes/TAFTSI/2.3"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xsi:schemaLocation="http://www.era.europa.eu/schemes/TAFTSI/2.3
file:///.../XSD%202.3.1/taf_cat_complete.xsd">
  <MessageHeader>
    <MessageReference>
      <MessageType>4004</MessageType>
      <MessageTypeVersion>2.2.2</MessageTypeVersion>
      <MessageIdentifier>8a5355bf-8773-11ee-b01a-
001dd8b71d85</MessageIdentifier>
      <MessageDateTime>2023-11-20T07:08:00.771+00:00</MessageDateTime>
    </MessageReference>
    <SenderReference>XXXXX</SenderReference>
    <Sender>1234</Sender>
    <Recipient>9876</Recipient>
  </MessageHeader>
  <MessageStatus>1</MessageStatus>
  <TrainOperationalIdentification>
    <TransportOperationalIdentifiers>
      <ObjectType>PA</ObjectType>
      <Company>6543</Company>
      <Core>-----12345</Core>
      <Variant>00</Variant>
      <TimetableYear>2023</TimetableYear>
      <StartDate>2023-11-20</StartDate>
    </TransportOperationalIdentifiers>
    <TransportOperationalIdentifiers>
      <ObjectType>TR</ObjectType>
      <Company>6543</Company>
      <Core>-----12345</Core>
      <Variant>00</Variant>
      <TimetableYear>2023</TimetableYear>

```

```

        <StartDate>2023-11-20</StartDate>
      </TransportOperationalIdentifiers>
    </TrainOperationalIdentification>
    <OperationalTrainNumberIdentifier>
      <OperationalTrainNumber>11111</OperationalTrainNumber>
      <ScheduledTimeAtHandover>2023-11-
20T01:00:00+00:00</ScheduledTimeAtHandover>
      <ScheduledDateTimeAtTransfer>2023-11-
20T09:45:00+00:00</ScheduledDateTimeAtTransfer>
    </OperationalTrainNumberIdentifier>
    <ReferenceOTN>
      <OperationalTrainNumberIdentifier>
        <OperationalTrainNumber>11111</OperationalTrainNumber>
        <ScheduledTimeAtHandover>2023-11-
20T01:00:00+00:00</ScheduledTimeAtHandover>
        <ScheduledDateTimeAtTransfer>2023-11-
20T09:45:00+00:00</ScheduledDateTimeAtTransfer>
      </OperationalTrainNumberIdentifier>
    </ReferenceOTN>
    <ResponsibleRU>9876</ResponsibleRU>
    <TrainLocationReport>
      <Location>
        <CountryCodeISO>MT</CountryCodeISO>
        <LocationPrimaryCode>12345</LocationPrimaryCode>
        <PrimaryLocationName>City A</PrimaryLocationName>
      </Location>
      <LocationDateTime>2023-11-20T09:02:30+00:00</LocationDateTime>
      <TrainLocationStatus>03</TrainLocationStatus>
      <BookedLocationDateTime>2023-11-
20T08:42:30+00:00</BookedLocationDateTime>
      <ReferencedLocationDateTime>2023-11-
20T08:42:30+00:00</ReferencedLocationDateTime>
      <TrainDelay>
        <AgainstBooked>+0020</AgainstBooked>
        <AgainstReferenced>+0020</AgainstReferenced>
      </TrainDelay>
    </TrainLocationReport>
  </TrainRunningForecastMessage>

```

Train Running Information in Medway format:

```

<?xml version="1.0" encoding="UTF-8"?>
<ns1:TrainTimetableMessage
xmlns:ns1="http://www.comboio.jul.pt/TrainTimetableMessage">
  <MessageReferenceNumber>OTIME023005262</MessageReferenceNumber>
  <Function>TOTAL_SUPPRESSION</Function>
  <TrainIdentification>
    <TrainTimetableID>2000064133</TrainTimetableID>
    <TrainTimetableType>FINAL</TrainTimetableType>
    <TrainReference>94-51810</TrainReference>
    <TrainCallDate>2024-02-13</TrainCallDate>
    <Designation>CONTENTORES</Designation>
    <PreviousTrainTimetableID>10071849</PreviousTrainTimetableID>
  </TrainIdentification>

```

```

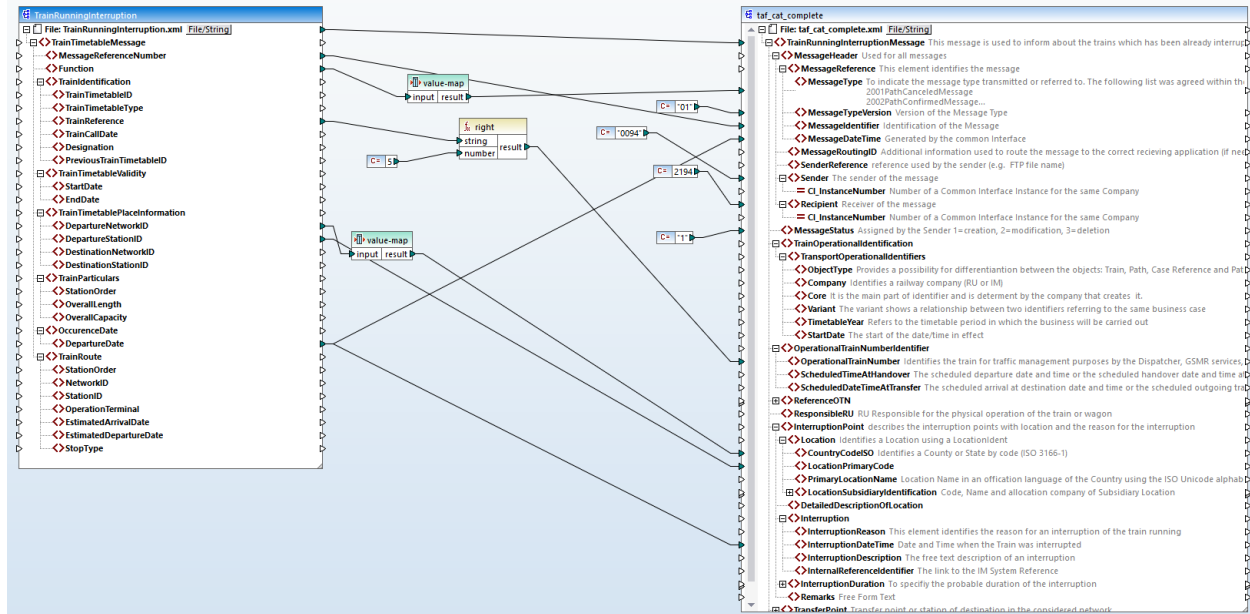
</TrainIdentification>
<TrainTimetableValidity>
  <StartDate>2024-02-13T13:49:00</StartDate>
  <EndDate>2024-12-14T23:30:00</EndDate>
</TrainTimetableValidity>
<TrainTimetablePlaceInformation>
  <DepartureNetworkID>94</DepartureNetworkID>
  <DepartureStationID>99085</DepartureStationID>
  <DestinationNetworkID>94</DestinationNetworkID>
  <DestinationStationID>21147</DestinationStationID>
</TrainTimetablePlaceInformation>
<TrainParticulars>
  <StationOrder>1</StationOrder>
  <OverallLength>541</OverallLength>
  <OverallCapacity>2020</OverallCapacity>
</TrainParticulars>
<TrainParticulars>
  <StationOrder>3</StationOrder>
  <OverallLength>0</OverallLength>
  <OverallCapacity>0</OverallCapacity>
</TrainParticulars>
<TrainParticulars>
  <StationOrder>4</StationOrder>
  <OverallLength>0</OverallLength>
  <OverallCapacity>0</OverallCapacity>
</TrainParticulars>
<TrainParticulars>
  <StationOrder>5</StationOrder>
  <OverallLength>0</OverallLength>
  <OverallCapacity>0</OverallCapacity>
</TrainParticulars>
<TrainParticulars>
  <StationOrder>6</StationOrder>
  <OverallLength>0</OverallLength>
  <OverallCapacity>0</OverallCapacity>
...
<TrainRoute>
  <StationOrder>229</StationOrder>
  <NetworkID>94</NetworkID>
  <StationID>21048</StationID>
  <OperationTerminal/>
  <EstimatedArrivalDate>2024-02-13T23:18:00</EstimatedArrivalDate>
  <EstimatedDepartureDate>2024-02-13T23:18:00</EstimatedDepartureDate>
  <StopType/>
</TrainRoute>
<TrainRoute>
  <StationOrder>230</StationOrder>
  <NetworkID>94</NetworkID>
  <StationID>21071</StationID>
  <OperationTerminal/>
  <EstimatedArrivalDate>2024-02-13T23:21:00</EstimatedArrivalDate>
  <EstimatedDepartureDate>2024-02-13T23:21:00</EstimatedDepartureDate>
  <StopType/>
</TrainRoute>

```

```

<TrainRoute>
  <StationOrder>233</StationOrder>
  <NetworkID>94</NetworkID>
  <StationID>21139</StationID>
  <OperationTerminal/>
  <EstimatedArrivalDate>2024-02-13T23:28:00</EstimatedArrivalDate>
  <EstimatedDepartureDate>2024-02-13T23:28:00</EstimatedDepartureDate>
  <StopType/>
</TrainRoute>
<TrainRoute>
  <StationOrder>234</StationOrder>
  <NetworkID>94</NetworkID>
  <StationID>21147</StationID>
  <OperationTerminal/>
  <EstimatedArrivalDate>2024-02-13T23:30:00</EstimatedArrivalDate>
  <EstimatedDepartureDate>2024-02-13T23:30:00</EstimatedDepartureDate>
  <StopType/>
</TrainRoute>
</ns1:TrainTimetableMessage>

```



Train Running Information after transformation in TAF TSI format:

```

<?xml version="1.0" encoding="UTF-8"?>
<TrainRunningInterruptionMessage
  xmlns:tap="http://www.era.europa.eu/schemes/TAPTSI/1.3"
  xsi:schemaLocation="http://www.era.europa.eu/schemes/TAFTSI/2.3
  file:///.../XSD%202.3.1/taf_cat_complete.xsd"
  xmlns="http://www.era.europa.eu/schemes/TAFTSI/2.3"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <MessageHeader>
    <MessageReference>

```

```
<MessageType>4006</MessageType>
<MessageTypeVersion>01</MessageTypeVersion>
<MessageIdentifier>OTIME023005262</MessageIdentifier>
<MessageDateTime>2024-02-24T13:49:00</MessageDateTime>
</MessageReference>
<Sender>1234</Sender>
<Recipient>9876</Recipient>
</MessageHeader>
<MessageStatus>1</MessageStatus>
<OperationalTrainNumberIdentifier>
  <OperationalTrainNumber>11111</OperationalTrainNumber>
</OperationalTrainNumberIdentifier>
<InterruptionPoint>
  <Location>
    <CountryCodeISO>MT</CountryCodeISO>
    <LocationPrimaryCode>12345</LocationPrimaryCode>
  </Location>
  <Interruption>
    <InterruptionDateTime>2024-02-24T13:49:00</InterruptionDateTime>
  </Interruption>
</InterruptionPoint>
</TrainRunningInterruptionMessage>
```