

Making the railway system
work better for society.

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TAF TSI Compliance Results – CEF Grant Agreement INEA/CEF/TRAN/M2016/1361703

To whom it may concern,

I confirm and certify herewith that the TAF TSI functionalities implemented by the company OLTIS Group (Czech Republic) within the Action “*Implementation of the TAF TSI at Hungarian private railway undertakings*”, co-financed by the Connecting Europe Facility Fund, are compliant with the appropriate provisions of the TAF-TSI Regulation No. 1305/2014 and its Technical Documents.

Details of the Action:

Name of the Action:	Implementation of the TAF TSI at Hungarian private railway undertakings
No. of the Action:	2016-EU-TMC-0134-W
No. of the Grant Agreement:	INEA/CEF/TRAN/M2016/1361703
Duration of the Action:	2018-2020
Verified Activity:	TAF TSI Implementation – Phase 3 (Activity 3)
Verified TAF TSI Functionalities:	Path Request, Train Composition, Train Running

The results of the verification process are concluded as follows:

OLTIS Group has sent to the European Union Agency for Railway on 23 of January 2020 following deliverable datasets for verification:

Product	IS for RU / IM Freight/Pass.	Functionality	Input / Output	Message	Phase of the verification and the date
OLTIS LWP Logistic Web Portal (Hungarian CEF Project)	RU Freight	Path Request	Output	PathRequest	Phase 6 23 January 2020
				PathDetailsRefused	
				PathConfirmed	
				PathCanceled	
			Input	ReceiptConfirmation	
				Error	
		Train Running	Output	PathDetails	
				PathNotAvailable	
				TrainRunningInformation	
				TrainRunningForecast	
			Output	TrainDelayCause	
				TrainRunningInterruption	
				PathSectionNotification	
Train Composition	Output	TrainComposition			
		TrainReady			

1)

The TAF XML „Path Request“ functionality messages:

- 2001_PathCanceled.xml
- 2002_PathConfirmed.xml
- 2003_16_PathDetailsOffer.xml
- 2003_21_PathDetailsNotAvailable.xml
- 2003_22_PathDetailsBooked.xml
- 2004_PathDetailsRefused.xml
- 2005_PathNotAvailable.xml
- 2006_PathRequest.xml
- 9000_ErrorMessage.xml
- 2007_ReceiptConfirmation.xml

OLTIS Group deploys in its OLTIS LWP (CEF Project) are hard compliant against the TAF data catalogue version baseline 2.2.2 (checked with Altova XML Spy 2019 (x64) in February 2020) – see <https://www.era.europa.eu/content/technical-documents-baseline-222>.

2)

The TAF XML „Train Running“ functionality messages:

- 4001_TrainDelayCauseMessage.xml
- 4004_TrainRunningForecastMessage.xml
- 4005_TrainRunningInformationMessage.xml
- 4006_TrainRunningInterruptionMessage.xml

OLTIS Group deploys in its OLTIS LWP (CEF Project) are hard compliant against the TAF data catalogue version baseline 2.2.2 (checked with Altova XML Spy 2019 (x64) in February 2020) – see <https://www.era.europa.eu/content/technical-documents-baseline-222>.

The XML message:

- 2501_PathSectionNotification.xml

as a message required by the Czech Infrastructure Manager, OLTIS Group deploys it in its OLTIS LWP (CEF Project), yet it is not a designed TAF XML message and so it falls outside the scope of this verification.

3)

The TAF XML „Train Composition“ functionality messages

- 3003_TrainCompositionMessage.xml
- 3006_TrainReadyMessage.xml

OLTIS Group deploys in its OLTIS LWP for Hungary (CEF Project) are valid against the TAF data catalogue version baseline 2.2.2 (checked with Altova XML Spy 2019 (x64) in February 2020) – see <https://www.era.europa.eu/content/technical-documents-baseline-222>.



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APPENDIX: Messages subject to verification

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(sensitive data have been replaced)

- 2001_PathCanceled.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<tsi:PathCanceledMessage xmlns:tsi="http://taf-jsg.info/schemes">
  <tsi:MessageHeader>
    <tsi:MessageReference>
      <tsi:MessageType>2001</tsi:MessageType>
      <tsi:MessageTypeVersion>2.1.8</tsi:MessageTypeVersion>
      <tsi:MessageIdentifier>3521147</tsi:MessageIdentifier>
      <tsi:MessageDateTime>2020-01-20T21:20:33Z</tsi:MessageDateTime>
    </tsi:MessageReference>
    <tsi:Sender>0000</tsi:Sender>
    <tsi:Recipient>0000</tsi:Recipient>
  </tsi:MessageHeader>
  <tsi:AdministrativeContactInformation>
    <tsi:Name>00000000000000</tsi:Name>
    <tsi:Address>000000000000</tsi:Address>
  </tsi:AdministrativeContactInformation>
  <tsi:Identifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>TR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>03</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>PR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>03</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>PA</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>03</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
  </tsi:Identifiers>
  <tsi:MessageStatus>1</tsi:MessageStatus>
  <tsi:TypeOfRequest>2</tsi:TypeOfRequest>
  <tsi:AffectedSection>
    <tsi:StartOfSection>
      <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
      <tsi:LocationPrimaryCode>0000</tsi:LocationPrimaryCode>
      <tsi:PrimaryLocationName>000000000000</tsi:PrimaryLocationName>
    </tsi:StartOfSection>
    <tsi:EndOfSection>
      <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
      <tsi:LocationPrimaryCode>0000</tsi:LocationPrimaryCode>
      <tsi:PrimaryLocationName>000000000000</tsi:PrimaryLocationName>
    </tsi:EndOfSection>
    <tsi:PlannedCalendar>
      <tsi:BitmapDays>1111</tsi:BitmapDays>
      <tsi:ValidityPeriod>
        <tsi:StartDateTime>2020-02-22T00:00:00Z</tsi:StartDateTime>
        <tsi:EndDateTime>2020-02-25T00:00:00Z</tsi:EndDateTime>
      </tsi:ValidityPeriod>
    </tsi:PlannedCalendar>
  </tsi:AffectedSection>
</tsi:PathCanceledMessage>
```

- 2002_PathConfirmed.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<tsi:PathConfirmedMessage xmlns:tsi="http://taf-jsg.info/schemes">
  <tsi:MessageHeader>
    <tsi:MessageReference>
      <tsi:MessageType>2002</tsi:MessageType>
      <tsi:MessageTypeVersion>2.1.8</tsi:MessageTypeVersion>
      <tsi:MessageIdentifier>754544</tsi:MessageIdentifier>
      <tsi:MessageDateTime>2020-01-20T14:30:15Z</tsi:MessageDateTime>
    </tsi:MessageReference>
    <tsi:Sender>0000</tsi:Sender>
    <tsi:Recipient>0000</tsi:Recipient>
  </tsi:MessageHeader>
  <tsi:AdministrativeContactInformation>
    <tsi:Name>00000000000000</tsi:Name>
    <tsi:Address>000000000000</tsi:Address>
  </tsi:AdministrativeContactInformation>
  <tsi:Identifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>TR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>00</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>PR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>00</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>PA</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>00</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
  </tsi:Identifiers>
  <tsi:MessageStatus>1</tsi:MessageStatus>
  <tsi:TypeOfRequest>2</tsi:TypeOfRequest>
  <tsi:TypeOfInformation>17</tsi:TypeOfInformation>
</tsi:PathConfirmedMessage>
```

- 2003_16_PathDetailsOffer.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<tsi:PathDetailsMessage xmlns:tsi="http://taf-jsg.info/schemes">
  <tsi:MessageHeader>
    <tsi:MessageReference>
      <tsi:MessageType>2003</tsi:MessageType>
      <tsi:MessageTypeVersion>2.1.8</tsi:MessageTypeVersion>
      <tsi:MessageIdentifier>754513</tsi:MessageIdentifier>
      <tsi:MessageDateTime>2020-01-20T10:46:06.737Z</tsi:MessageDateTime>
    </tsi:MessageReference>
    <tsi:SenderReference>path offer</tsi:SenderReference>
    <tsi:Sender>0000</tsi:Sender>
    <tsi:Recipient>0000</tsi:Recipient>
  </tsi:MessageHeader>
  <tsi:AdministrativeContactInformation>
    <tsi:Name>00000000000000</tsi:Name>
  </tsi:AdministrativeContactInformation>
  <tsi:Identifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>TR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>00</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>PR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>00</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>PA</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>00</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
  </tsi:Identifiers>
  <tsi:MessageStatus>1</tsi:MessageStatus>
  <tsi:TypeOfRequest>2</tsi:TypeOfRequest>
  <tsi:TypeOfInformation>16</tsi:TypeOfInformation>
  <tsi:PathInformation>
    <tsi:PlannedJourneyLocation>
      <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
      <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
      <tsi:PrimaryLocationName>000000000000</tsi:PrimaryLocationName>
      <tsi:TimingAtLocation>
        <tsi:Timing tsi:TimingQualifierCode="ALD">
          <tsi:Time>13:00:00Z</tsi:Time>
          <tsi:Offset>0</tsi:Offset>
        </tsi:Timing>
      </tsi:TimingAtLocation>
      <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
      <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
      <tsi:PlannedTrainData>
        <tsi:TrainType>2</tsi:TrainType>
        <tsi:PlannedTrainTechnicalData>
          <tsi:TrainWeight>2000</tsi:TrainWeight>
          <tsi:TrainLength>500</tsi:TrainLength>
          <tsi:TractionDetails>
            <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
            <tsi:TractionMode>11</tsi:TractionMode>
            <tsi:TractionWeight>84</tsi:TractionWeight>
            <tsi:Length>
              <tsi:Value>16800</tsi:Value>
              <tsi:Measure>mm</tsi:Measure>
            </tsi:Length>
          </tsi:TractionDetails>
        </tsi:PlannedTrainTechnicalData>
      </tsi:PlannedTrainData>
    </tsi:PlannedJourneyLocation>
  </tsi:PathInformation>
</tsi:PathDetailsMessage>
```

```
        <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
        <tsi:BrakeType>G</tsi:BrakeType>
      </tsi:PlannedTrainTechnicalData>
    </tsi:PlannedTrainData>
    <tsi:OperationalTrainNumber>0000</tsi:OperationalTrainNumber>
  </tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
  <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
  <tsi:LocationPrimaryCode>000000000</tsi:LocationPrimaryCode>
  <tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>
  <tsi:TimingAtLocation>
    <tsi:DwellTime>30</tsi:DwellTime>
  </tsi:TimingAtLocation>
  <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
  <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
  <tsi:PlannedTrainData>
    <tsi:TrainType>2</tsi:TrainType>
    <tsi:PlannedTrainTechnicalData>
      <tsi:TrainWeight>2000</tsi:TrainWeight>
      <tsi:TrainLength>500</tsi:TrainLength>
      <tsi:TractionDetails>
        <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
        <tsi:TractionMode>11</tsi:TractionMode>
        <tsi:TractionWeight>84</tsi:TractionWeight>
        <tsi:Length>
          <tsi:Value>16800</tsi:Value>
          <tsi:Measure>mm</tsi:Measure>
        </tsi:Length>
      </tsi:TractionDetails>
      <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
      <tsi:BrakeType>G</tsi:BrakeType>
    </tsi:PlannedTrainTechnicalData>
  </tsi:PlannedTrainData>
  <tsi:OperationalTrainNumber>0000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
  <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
  <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
  <tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>
  <tsi:TimingAtLocation>
    <tsi:Timing tsi:TimingQualifierCode="ALD">
      <tsi:Time>16:00:00Z</tsi:Time>
      <tsi:Offset>0</tsi:Offset>
    </tsi:Timing>
    <tsi:Timing tsi:TimingQualifierCode="ALA">
      <tsi:Time>15:00:00Z</tsi:Time>
      <tsi:Offset>0</tsi:Offset>
    </tsi:Timing>
  </tsi:TimingAtLocation>
  <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
  <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
  <tsi:PlannedTrainData>
    <tsi:TrainType>2</tsi:TrainType>
    <tsi:PlannedTrainTechnicalData>
      <tsi:TrainWeight>2000</tsi:TrainWeight>
      <tsi:TrainLength>500</tsi:TrainLength>
      <tsi:TractionDetails>
        <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
        <tsi:TractionMode>11</tsi:TractionMode>
        <tsi:TractionWeight>84</tsi:TractionWeight>
        <tsi:Length>
          <tsi:Value>16800</tsi:Value>
          <tsi:Measure>mm</tsi:Measure>
        </tsi:Length>
      </tsi:TractionDetails>
      <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
      <tsi:BrakeType>G</tsi:BrakeType>
    </tsi:PlannedTrainTechnicalData>
  </tsi:PlannedTrainData>
  <tsi:OperationalTrainNumber>0000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
  <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
```

```
<tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
<tsi:PrimaryLocationName>000000000000000</tsi:PrimaryLocationName>
<tsi:TimingAtLocation>
  <tsi:DwellTime>15</tsi:DwellTime>
</tsi:TimingAtLocation>
<tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
<tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
<tsi:PlannedTrainData>
  <tsi:TrainType>2</tsi:TrainType>
  <tsi:PlannedTrainTechnicalData>
    <tsi:TrainWeight>2000</tsi:TrainWeight>
    <tsi:TrainLength>500</tsi:TrainLength>
    <tsi:TractionDetails>
      <tsi:LocoTypeNumber>0000000</tsi:LocoTypeNumber>
      <tsi:TractionMode>11</tsi:TractionMode>
      <tsi:TractionWeight>84</tsi:TractionWeight>
      <tsi:Length>
        <tsi:Value>16800</tsi:Value>
        <tsi:Measure>mm</tsi:Measure>
      </tsi:Length>
    </tsi:TractionDetails>
    <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
    <tsi:BrakeType>G</tsi:BrakeType>
  </tsi:PlannedTrainTechnicalData>
</tsi:PlannedTrainData>
<tsi:OperationalTrainNumber>00000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
  <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
  <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
  <tsi:PrimaryLocationName>000000000000000</tsi:PrimaryLocationName>
  <tsi:TimingAtLocation>
    <tsi:Timing tsi:TimingQualifierCode="ALA">
      <tsi:Time>15:15:00Z</tsi:Time>
      <tsi:Offset>0</tsi:Offset>
    </tsi:Timing>
  </tsi:TimingAtLocation>
  <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
  <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
  <tsi:PlannedTrainData>
    <tsi:TrainType>2</tsi:TrainType>
    <tsi:PlannedTrainTechnicalData>
      <tsi:TrainWeight>2000</tsi:TrainWeight>
      <tsi:TrainLength>500</tsi:TrainLength>
      <tsi:TractionDetails>
        <tsi:LocoTypeNumber>0000000</tsi:LocoTypeNumber>
        <tsi:TractionMode>11</tsi:TractionMode>
        <tsi:TractionWeight>84</tsi:TractionWeight>
        <tsi:Length>
          <tsi:Value>16800</tsi:Value>
          <tsi:Measure>mm</tsi:Measure>
        </tsi:Length>
      </tsi:TractionDetails>
      <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
      <tsi:BrakeType>G</tsi:BrakeType>
    </tsi:PlannedTrainTechnicalData>
  </tsi:PlannedTrainData>
  <tsi:OperationalTrainNumber>00000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedCalendar>
  <tsi:BitmapDays>1111100111110011111001111110</tsi:BitmapDays>
  <tsi:ValidityPeriod>
    <tsi:StartDateTime>2020-02-01T00:00:00Z</tsi:StartDateTime>
    <tsi:EndDateTime>2020-02-29T00:00:00Z</tsi:EndDateTime>
  </tsi:ValidityPeriod>
</tsi:PlannedCalendar>
</tsi:PathInformation>
</tsi:PathDetailsMessage>
```


- 2003_21_PathDetailsNotAvailable.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<tsi:PathDetailsMessage xmlns:tsi="http://taf-jsg.info/schemes">
  <tsi:MessageHeader>
    <tsi:MessageReference>
      <tsi:MessageType>2003</tsi:MessageType>
      <tsi:MessageTypeVersion>2.1.8</tsi:MessageTypeVersion>
      <tsi:MessageIdentifier>754543</tsi:MessageIdentifier>
      <tsi:MessageDateTime>2020-01-20T11:07:38Z</tsi:MessageDateTime>
    </tsi:MessageReference>
    <tsi:SenderReference>no alternative available</tsi:SenderReference>
    <tsi:Sender>0000</tsi:Sender>
    <tsi:Recipient>0000</tsi:Recipient>
  </tsi:MessageHeader>
  <tsi:AdministrativeContactInformation>
    <tsi:Name>00000000000000</tsi:Name>
  </tsi:AdministrativeContactInformation>
  <tsi:Identifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>TR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>01</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>PR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>01</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
  </tsi:Identifiers>
  <tsi:MessageStatus>1</tsi:MessageStatus>
  <tsi:TypeOfRequest>2</tsi:TypeOfRequest>
  <tsi:TypeOfInformation>21</tsi:TypeOfInformation>
  <tsi:PathInformation>
    <tsi:PlannedJourneyLocation>
      <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
      <tsi:LocationPrimaryCode>0000</tsi:LocationPrimaryCode>
      <tsi:PrimaryLocationName>000000000000</tsi:PrimaryLocationName>
      <tsi:TimingAtLocation>
        <tsi:Timing tsi:TimingQualifierCode="ALD">
          <tsi:Time>12:30:00Z</tsi:Time>
          <tsi:Offset>0</tsi:Offset>
        </tsi:Timing>
      </tsi:TimingAtLocation>
      <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
      <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
      <tsi:PlannedTrainData>
        <tsi:TrainType>2</tsi:TrainType>
        <tsi:PlannedTrainTechnicalData>
          <tsi:TrainWeight>2000</tsi:TrainWeight>
          <tsi:TrainLength>500</tsi:TrainLength>
          <tsi:TractionDetails>
            <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
            <tsi:TractionMode>11</tsi:TractionMode>
            <tsi:TractionWeight>84</tsi:TractionWeight>
            <tsi:Length>
              <tsi:Value>16800</tsi:Value>
              <tsi:Measure>mm</tsi:Measure>
            </tsi:Length>
          </tsi:TractionDetails>
          <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
          <tsi:BrakeType>G</tsi:BrakeType>
        </tsi:PlannedTrainTechnicalData>
        <tsi:OperationalTrainNumber>00000</tsi:OperationalTrainNumber>
      </tsi:PlannedTrainData>
    </tsi:PlannedJourneyLocation>
  </tsi:PathInformation>
  <tsi:PlannedJourneyLocation>
```

```
<tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
<tsi:LocationPrimaryCode>000000000</tsi:LocationPrimaryCode>
<tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>
<tsi:TimingAtLocation/>
<tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
<tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
<tsi:PlannedTrainData>
  <tsi:TrainType>2</tsi:TrainType>
  <tsi:PlannedTrainTechnicalData>
    <tsi:TrainWeight>2000</tsi:TrainWeight>
    <tsi:TrainLength>500</tsi:TrainLength>
    <tsi:TractionDetails>
      <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
      <tsi:TractionMode>11</tsi:TractionMode>
      <tsi:TractionWeight>84</tsi:TractionWeight>
      <tsi:Length>
        <tsi:Value>16800</tsi:Value>
        <tsi:Measure>mm</tsi:Measure>
      </tsi:Length>
    </tsi:TractionDetails>
    <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
    <tsi:BrakeType>G</tsi:BrakeType>
  </tsi:PlannedTrainTechnicalData>
</tsi:PlannedTrainData>
<tsi:OperationalTrainNumber>00000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
  <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
  <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
  <tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>
  <tsi:TimingAtLocation>
    <tsi:Timing tsi:TimingQualifierCode="ALD">
      <tsi:Time>16:00:00Z</tsi:Time>
      <tsi:Offset>0</tsi:Offset>
    </tsi:Timing>
    <tsi:Timing tsi:TimingQualifierCode="ALA">
      <tsi:Time>15:00:00Z</tsi:Time>
      <tsi:Offset>0</tsi:Offset>
    </tsi:Timing>
  </tsi:TimingAtLocation>
  <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
  <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
  <tsi:PlannedTrainData>
    <tsi:TrainType>2</tsi:TrainType>
    <tsi:PlannedTrainTechnicalData>
      <tsi:TrainWeight>2000</tsi:TrainWeight>
      <tsi:TrainLength>500</tsi:TrainLength>
      <tsi:TractionDetails>
        <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
        <tsi:TractionMode>11</tsi:TractionMode>
        <tsi:TractionWeight>84</tsi:TractionWeight>
        <tsi:Length>
          <tsi:Value>16800</tsi:Value>
          <tsi:Measure>mm</tsi:Measure>
        </tsi:Length>
      </tsi:TractionDetails>
      <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
      <tsi:BrakeType>G</tsi:BrakeType>
    </tsi:PlannedTrainTechnicalData>
  </tsi:PlannedTrainData>
  <tsi:OperationalTrainNumber>00000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
  <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
  <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
  <tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>
  <tsi:TimingAtLocation/>
  <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
  <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
  <tsi:PlannedTrainData>
    <tsi:TrainType>2</tsi:TrainType>
    <tsi:PlannedTrainTechnicalData>
      <tsi:TrainWeight>2000</tsi:TrainWeight>
```

```

<tsi:TrainLength>500</tsi:TrainLength>
<tsi:TractionDetails>
  <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
  <tsi:TractionMode>11</tsi:TractionMode>
  <tsi:TractionWeight>84</tsi:TractionWeight>
  <tsi:Length>
    <tsi:Value>16800</tsi:Value>
    <tsi:Measure>mm</tsi:Measure>
  </tsi:Length>
</tsi:TractionDetails>
<tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
<tsi:BrakeType>G</tsi:BrakeType>
</tsi:PlannedTrainTechnicalData>
</tsi:PlannedTrainData>
<tsi:OperationalTrainNumber>0000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
  <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
  <tsi:LocationPrimaryCode>0000</tsi:LocationPrimaryCode>
  <tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>
  <tsi:TimingAtLocation>
    <tsi:Timing tsi:TimingQualifierCode="ALA">
      <tsi:Time>15:15:00Z</tsi:Time>
      <tsi:Offset>0</tsi:Offset>
    </tsi:Timing>
  </tsi:TimingAtLocation>
  <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
  <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
</tsi:PlannedTrainData>
  <tsi:TrainType>2</tsi:TrainType>
  <tsi:PlannedTrainTechnicalData>
    <tsi:TrainWeight>2000</tsi:TrainWeight>
    <tsi:TrainLength>500</tsi:TrainLength>
    <tsi:TractionDetails>
      <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
      <tsi:TractionMode>11</tsi:TractionMode>
      <tsi:TractionWeight>84</tsi:TractionWeight>
      <tsi:Length>
        <tsi:Value>16800</tsi:Value>
        <tsi:Measure>mm</tsi:Measure>
      </tsi:Length>
    </tsi:TractionDetails>
    <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
    <tsi:BrakeType>G</tsi:BrakeType>
  </tsi:PlannedTrainTechnicalData>
</tsi:PlannedTrainData>
<tsi:OperationalTrainNumber>0000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedCalendar>
  <tsi:BitmapDays>1111100111110011111001111110</tsi:BitmapDays>
  <tsi:ValidityPeriod>
    <tsi:StartDateTime>2020-02-01T00:00:00Z</tsi:StartDateTime>
    <tsi:EndDateTime>2020-02-29T00:00:00Z</tsi:EndDateTime>
  </tsi:ValidityPeriod>
</tsi:PlannedCalendar>
</tsi:PathInformation>
</tsi:PathDetailsMessage>

```

- 2003_22_PathDetailsBooked.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<tsi:PathDetailsMessage xmlns:tsi="http://taf-jsg.info/schemes">
  <tsi:MessageHeader>
    <tsi:MessageReference>
      <tsi:MessageType>2003</tsi:MessageType>
      <tsi:MessageTypeVersion>2.1.8</tsi:MessageTypeVersion>
      <tsi:MessageIdentifier>754542</tsi:MessageIdentifier>
      <tsi:MessageDateTime>2020-01-20T15:28:23Z</tsi:MessageDateTime>
    </tsi:MessageReference>
    <tsi:SenderReference>path booked</tsi:SenderReference>
    <tsi:Sender>0000</tsi:Sender>
    <tsi:Recipient>0000</tsi:Recipient>
  </tsi:MessageHeader>
  <tsi:AdministrativeContactInformation>
    <tsi:Name>00000000000000</tsi:Name>
  </tsi:AdministrativeContactInformation>
  <tsi:Identifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>TR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>00</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>PR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>00</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>PA</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>00</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
  </tsi:Identifiers>
  <tsi:MessageStatus>1</tsi:MessageStatus>
  <tsi:TypeOfRequest>2</tsi:TypeOfRequest>
  <tsi:TypeOfInformation>22</tsi:TypeOfInformation>
  <tsi:PathInformation>
    <tsi:PlannedJourneyLocation>
      <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
      <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
      <tsi:PrimaryLocationName>000000000000</tsi:PrimaryLocationName>
      <tsi:TimingAtLocation>
        <tsi:Timing tsi:TimingQualifierCode="ALD">
          <tsi:Time>12:00:00Z</tsi:Time>
          <tsi:Offset>0</tsi:Offset>
        </tsi:Timing>
      </tsi:TimingAtLocation>
      <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
      <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
      <tsi:PlannedTrainData>
        <tsi:TrainType>2</tsi:TrainType>
        <tsi:PlannedTrainTechnicalData>
          <tsi:TrainWeight>2000</tsi:TrainWeight>
          <tsi:TrainLength>500</tsi:TrainLength>
          <tsi:TractionDetails>
            <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
            <tsi:TractionMode>11</tsi:TractionMode>
            <tsi:TractionWeight>84</tsi:TractionWeight>
            <tsi:Length>
              <tsi:Value>16800</tsi:Value>
              <tsi:Measure>mm</tsi:Measure>
            </tsi:Length>
          </tsi:TractionDetails>
        </tsi:PlannedTrainTechnicalData>
      </tsi:PlannedTrainData>
    </tsi:PlannedJourneyLocation>
  </tsi:PathInformation>
</tsi:PathDetailsMessage>
```

```
        <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
        <tsi:BrakeType>G</tsi:BrakeType>
      </tsi:PlannedTrainTechnicalData>
    </tsi:PlannedTrainData>
    <tsi:OperationalTrainNumber>0000</tsi:OperationalTrainNumber>
  </tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
  <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
  <tsi:LocationPrimaryCode>000000000</tsi:LocationPrimaryCode>
  <tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>
  <tsi:TimingAtLocation>
    <tsi:DwellTime>30</tsi:DwellTime>
  </tsi:TimingAtLocation>
  <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
  <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
  <tsi:PlannedTrainData>
    <tsi:TrainType>2</tsi:TrainType>
    <tsi:PlannedTrainTechnicalData>
      <tsi:TrainWeight>2000</tsi:TrainWeight>
      <tsi:TrainLength>500</tsi:TrainLength>
      <tsi:TractionDetails>
        <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
        <tsi:TractionMode>11</tsi:TractionMode>
        <tsi:TractionWeight>84</tsi:TractionWeight>
        <tsi:Length>
          <tsi:Value>16800</tsi:Value>
          <tsi:Measure>mm</tsi:Measure>
        </tsi:Length>
      </tsi:TractionDetails>
      <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
      <tsi:BrakeType>G</tsi:BrakeType>
    </tsi:PlannedTrainTechnicalData>
  </tsi:PlannedTrainData>
  <tsi:OperationalTrainNumber>0000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
  <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
  <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
  <tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>
  <tsi:TimingAtLocation>
    <tsi:Timing tsi:TimingQualifierCode="ALD">
      <tsi:Time>16:00:00Z</tsi:Time>
      <tsi:Offset>0</tsi:Offset>
    </tsi:Timing>
    <tsi:Timing tsi:TimingQualifierCode="ALA">
      <tsi:Time>15:00:00Z</tsi:Time>
      <tsi:Offset>0</tsi:Offset>
    </tsi:Timing>
  </tsi:TimingAtLocation>
  <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
  <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
  <tsi:PlannedTrainData>
    <tsi:TrainType>2</tsi:TrainType>
    <tsi:PlannedTrainTechnicalData>
      <tsi:TrainWeight>2000</tsi:TrainWeight>
      <tsi:TrainLength>500</tsi:TrainLength>
      <tsi:TractionDetails>
        <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
        <tsi:TractionMode>11</tsi:TractionMode>
        <tsi:TractionWeight>84</tsi:TractionWeight>
        <tsi:Length>
          <tsi:Value>16800</tsi:Value>
          <tsi:Measure>mm</tsi:Measure>
        </tsi:Length>
      </tsi:TractionDetails>
      <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
      <tsi:BrakeType>G</tsi:BrakeType>
    </tsi:PlannedTrainTechnicalData>
  </tsi:PlannedTrainData>
  <tsi:OperationalTrainNumber>0000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
  <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
```

```
<tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
<tsi:PrimaryLocationName>000000000000000</tsi:PrimaryLocationName>
<tsi:TimingAtLocation>
  <tsi:DwellTime>15</tsi:DwellTime>
</tsi:TimingAtLocation>
<tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
<tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
<tsi:PlannedTrainData>
  <tsi:TrainType>2</tsi:TrainType>
  <tsi:PlannedTrainTechnicalData>
    <tsi:TrainWeight>2000</tsi:TrainWeight>
    <tsi:TrainLength>500</tsi:TrainLength>
    <tsi:TractionDetails>
      <tsi:LocoTypeNumber>0000000</tsi:LocoTypeNumber>
      <tsi:TractionMode>11</tsi:TractionMode>
      <tsi:TractionWeight>84</tsi:TractionWeight>
      <tsi:Length>
        <tsi:Value>16800</tsi:Value>
        <tsi:Measure>mm</tsi:Measure>
      </tsi:Length>
    </tsi:TractionDetails>
    <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
    <tsi:BrakeType>G</tsi:BrakeType>
  </tsi:PlannedTrainTechnicalData>
</tsi:PlannedTrainData>
<tsi:OperationalTrainNumber>00000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
  <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
  <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
  <tsi:PrimaryLocationName>000000000000000</tsi:PrimaryLocationName>
  <tsi:TimingAtLocation>
    <tsi:Timing tsi:TimingQualifierCode="ALA">
      <tsi:Time>15:15:00Z</tsi:Time>
      <tsi:Offset>0</tsi:Offset>
    </tsi:Timing>
  </tsi:TimingAtLocation>
  <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
  <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
  <tsi:PlannedTrainData>
    <tsi:TrainType>2</tsi:TrainType>
    <tsi:PlannedTrainTechnicalData>
      <tsi:TrainWeight>2000</tsi:TrainWeight>
      <tsi:TrainLength>500</tsi:TrainLength>
      <tsi:TractionDetails>
        <tsi:LocoTypeNumber>0000000</tsi:LocoTypeNumber>
        <tsi:TractionMode>11</tsi:TractionMode>
        <tsi:TractionWeight>84</tsi:TractionWeight>
        <tsi:Length>
          <tsi:Value>16800</tsi:Value>
          <tsi:Measure>mm</tsi:Measure>
        </tsi:Length>
      </tsi:TractionDetails>
      <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
      <tsi:BrakeType>G</tsi:BrakeType>
    </tsi:PlannedTrainTechnicalData>
  </tsi:PlannedTrainData>
  <tsi:OperationalTrainNumber>00000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedCalendar>
  <tsi:BitmapDays>1111100111110011111001111110</tsi:BitmapDays>
  <tsi:ValidityPeriod>
    <tsi:StartDateTime>2020-02-01T00:00:00Z</tsi:StartDateTime>
    <tsi:EndDateTime>2020-02-29T00:00:00Z</tsi:EndDateTime>
  </tsi:ValidityPeriod>
</tsi:PlannedCalendar>
</tsi:PathInformation>
</tsi:PathDetailsMessage>
```

- 2004_PathDetailsRefused.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<tsi:PathDetailsRefusedMessage xmlns:tsi="http://taf-jsg.info/schemes">
  <tsi:MessageHeader>
    <tsi:MessageReference>
      <tsi:MessageType>2004</tsi:MessageType>
      <tsi:MessageTypeVersion>2.1.8</tsi:MessageTypeVersion>
      <tsi:MessageIdentifier>128742</tsi:MessageIdentifier>
      <tsi:MessageDateTime>2020-01-20T23:51:47Z</tsi:MessageDateTime>
    </tsi:MessageReference>
    <tsi:Sender>0000</tsi:Sender>
    <tsi:Recipient>0000</tsi:Recipient>
  </tsi:MessageHeader>
  <tsi:AdministrativeContactInformation>
    <tsi:Name>00000000000000</tsi:Name>
    <tsi:Address>000000000000000000000000000000</tsi:Address>
  </tsi:AdministrativeContactInformation>
  <tsi:Identifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>TR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>01</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>PR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>01</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>PA</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>01</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
  </tsi:Identifiers>
  <tsi:MessageStatus>1</tsi:MessageStatus>
  <tsi:TypeOfRequest>2</tsi:TypeOfRequest>
  <tsi:FreeTextField>EMPTY</tsi:FreeTextField>
</tsi:PathDetailsRefusedMessage>
```

- 2005_PathNotAvailable.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<tsi:PathNotAvailableMessage xmlns:tsi="http://taf-jsg.info/schemes">
  <tsi:MessageHeader>
    <tsi:MessageReference>
      <tsi:MessageType>2005</tsi:MessageType>
      <tsi:MessageTypeVersion>2.1.8</tsi:MessageTypeVersion>
      <tsi:MessageIdentifier>123148</tsi:MessageIdentifier>
      <tsi:MessageDateTime>2020-01-20T11:21:06.364Z</tsi:MessageDateTime>
    </tsi:MessageReference>
    <tsi:SenderReference>path not available</tsi:SenderReference>
    <tsi:Sender>0000</tsi:Sender>
    <tsi:Recipient>0000</tsi:Recipient>
  </tsi:MessageHeader>
  <tsi:AdministrativeContactInformation>
    <tsi:Name>00000000000000</tsi:Name>
  </tsi:AdministrativeContactInformation>
  <tsi:Identifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>TR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>02</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>PR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>02</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>PA</tsi:ObjectType>
      <tsi:Company>00</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>02</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
  </tsi:Identifiers>
  <tsi:MessageStatus>1</tsi:MessageStatus>
  <tsi:AffectedSection>
    <tsi:StartOfSection>
      <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
      <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
      <tsi:PrimaryLocationName>000000000000</tsi:PrimaryLocationName>
    </tsi:StartOfSection>
    <tsi:EndOfSection>
      <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
      <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
      <tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>
    </tsi:EndOfSection>
    <tsi:PlannedCalendar>
      <tsi:BitmapDays>1111100111110011111001111110</tsi:BitmapDays>
      <tsi:ValidityPeriod>
        <tsi:StartDateTime>2020-02-01T00:00:00Z</tsi:StartDateTime>
        <tsi:EndDateTime>2020-02-29T00:00:00Z</tsi:EndDateTime>
      </tsi:ValidityPeriod>
    </tsi:PlannedCalendar>
  </tsi:AffectedSection>
  <tsi:InterruptionInformation>
    <tsi:InterruptionDescription>NO MORE INFORMATION</tsi:InterruptionDescription>
    <tsi:InterruptionDateTime>2020-01-20T16:42:50Z</tsi:InterruptionDateTime>
    <tsi:InterruptionReason>11</tsi:InterruptionReason>
  </tsi:InterruptionInformation>
</tsi:PathNotAvailableMessage>
```


- 2006_PathRequest.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<tsi:PathRequestMessage xmlns:tsi="http://taf-jsg.info/schemes">
  <tsi:MessageHeader>
    <tsi:MessageReference>
      <tsi:MessageType>2006</tsi:MessageType>
      <tsi:MessageTypeVersion>2.1.8</tsi:MessageTypeVersion>
      <tsi:MessageIdentifier>754523</tsi:MessageIdentifier>
      <tsi:MessageDateTime>2020-01-20T09:45:25.789Z</tsi:MessageDateTime>
    </tsi:MessageReference>
    <tsi:Sender>0000</tsi:Sender>
    <tsi:Recipient>0000</tsi:Recipient>
  </tsi:MessageHeader>
  <tsi:AdministrativeContactInformation>
    <tsi:Name>00000000000000</tsi:Name>
    <tsi:Address>000000000000000000000000000000</tsi:Address>
  </tsi:AdministrativeContactInformation>
  <tsi:Identifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>TR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>00</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
    <tsi:PlannedTransportIdentifiers>
      <tsi:ObjectType>PR</tsi:ObjectType>
      <tsi:Company>0000</tsi:Company>
      <tsi:Core>000000000000</tsi:Core>
      <tsi:Variant>00</tsi:Variant>
      <tsi:TimetableYear>2020</tsi:TimetableYear>
    </tsi:PlannedTransportIdentifiers>
  </tsi:Identifiers>
  <tsi:MessageStatus>1</tsi:MessageStatus>
  <tsi:TypeOfRequest>2</tsi:TypeOfRequest>
  <tsi:TypeOfInformation>4</tsi:TypeOfInformation>
  <tsi:TrainInformation>
    <tsi:PlannedJourneyLocation>
      <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
      <tsi:LocationPrimaryCode>0000</tsi:LocationPrimaryCode>
      <tsi:PrimaryLocationName>000000000000</tsi:PrimaryLocationName>
      <tsi:TimingAtLocation>
        <tsi:Timing tsi:TimingQualifierCode="ALD">
          <tsi:Time>13:00:00Z</tsi:Time>
          <tsi:Offset>0</tsi:Offset>
        </tsi:Timing>
      </tsi:TimingAtLocation>
      <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
      <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
      <tsi:PlannedTrainData>
        <tsi:TrainType>2</tsi:TrainType>
        <tsi:PlannedTrainTechnicalData>
          <tsi:TrainWeight>2000</tsi:TrainWeight>
          <tsi:TrainLength>500</tsi:TrainLength>
          <tsi:TractionDetails>
            <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
            <tsi:TractionMode>11</tsi:TractionMode>
            <tsi:TractionWeight>84</tsi:TractionWeight>
            <tsi:Length>
              <tsi:Value>16800</tsi:Value>
              <tsi:Measure>mm</tsi:Measure>
            </tsi:Length>
          </tsi:TractionDetails>
          <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
          <tsi:BrakeType>G</tsi:BrakeType>
        </tsi:PlannedTrainTechnicalData>
        <tsi:OperationalTrainNumber>00000</tsi:OperationalTrainNumber>
      </tsi:PlannedTrainData>
    </tsi:PlannedJourneyLocation>
  </tsi:PlannedJourneyLocation>
</tsi:PathRequestMessage>
```

```
<tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
<tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
<tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>
<tsi:TimingAtLocation>
  <tsi:Timing tsi:TimingQualifierCode="ALA">
    <tsi:Time>15:15:00Z</tsi:Time>
    <tsi:Offset>0</tsi:Offset>
  </tsi:Timing>
</tsi:TimingAtLocation>
<tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
<tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
<tsi:PlannedTrainData>
  <tsi:TrainType>2</tsi:TrainType>
  <tsi:PlannedTrainTechnicalData>
    <tsi:TrainWeight>2000</tsi:TrainWeight>
    <tsi:TrainLength>500</tsi:TrainLength>
    <tsi:TractionDetails>
      <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
      <tsi:TractionMode>11</tsi:TractionMode>
      <tsi:TractionWeight>84</tsi:TractionWeight>
      <tsi:Length>
        <tsi:Value>16800</tsi:Value>
        <tsi:Measure>mm</tsi:Measure>
      </tsi:Length>
    </tsi:TractionDetails>
    <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
    <tsi:BrakeType>G</tsi:BrakeType>
  </tsi:PlannedTrainTechnicalData>
</tsi:PlannedTrainData>
<tsi:OperationalTrainNumber>00000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedCalendar>
  <tsi:BitmapDays>1111100111110011111001111110</tsi:BitmapDays>
  <tsi:ValidityPeriod>
    <tsi:StartDateTime>2020-02-01T00:00:00Z</tsi:StartDateTime>
    <tsi:EndDateTime>2020-02-29T00:00:00Z</tsi:EndDateTime>
  </tsi:ValidityPeriod>
</tsi:PlannedCalendar>
<tsi:PathPlanningReferenceLocation>
  <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
  <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
  <tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>
</tsi:PathPlanningReferenceLocation>
</tsi:TrainInformation>
<tsi:PathInformation>
  <tsi:PlannedJourneyLocation>
    <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
    <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
    <tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>
    <tsi:TimingAtLocation>
      <tsi:Timing tsi:TimingQualifierCode="ALD">
        <tsi:Time>13:00:00Z</tsi:Time>
        <tsi:Offset>0</tsi:Offset>
      </tsi:Timing>
    </tsi:TimingAtLocation>
    <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
    <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
    <tsi:PlannedTrainData>
      <tsi:TrainType>2</tsi:TrainType>
      <tsi:PlannedTrainTechnicalData>
        <tsi:TrainWeight>2000</tsi:TrainWeight>
        <tsi:TrainLength>500</tsi:TrainLength>
        <tsi:TractionDetails>
          <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
          <tsi:TractionMode>11</tsi:TractionMode>
          <tsi:TractionWeight>84</tsi:TractionWeight>
          <tsi:Length>
            <tsi:Value>16800</tsi:Value>
            <tsi:Measure>mm</tsi:Measure>
          </tsi:Length>
        </tsi:TractionDetails>
        <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
        <tsi:BrakeType>G</tsi:BrakeType>
      </tsi:PlannedTrainTechnicalData>
    </tsi:PlannedTrainData>
  </tsi:PlannedJourneyLocation>
</tsi:PathInformation>
</tsi:PathInformation>
```

```

        </tsi:PlannedTrainTechnicalData>
    </tsi:PlannedTrainData>
    <tsi:OperationalTrainNumber>0000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
    <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
    <tsi:LocationPrimaryCode>000000000</tsi:LocationPrimaryCode>
    <tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>
    <tsi:TimingAtLocation>
        <tsi:DwellTime>30</tsi:DwellTime>
    </tsi:TimingAtLocation>
    <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
    <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
    <tsi:PlannedTrainData>
        <tsi:TrainType>2</tsi:TrainType>
        <tsi:PlannedTrainTechnicalData>
            <tsi:TrainWeight>2000</tsi:TrainWeight>
            <tsi:TrainLength>500</tsi:TrainLength>
            <tsi:TractionDetails>
                <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
                <tsi:TractionMode>11</tsi:TractionMode>
                <tsi:TractionWeight>84</tsi:TractionWeight>
                <tsi:Length>
                    <tsi:Value>16800</tsi:Value>
                    <tsi:Measure>mm</tsi:Measure>
                </tsi:Length>
            </tsi:TractionDetails>
            <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
            <tsi:BrakeType>G</tsi:BrakeType>
        </tsi:PlannedTrainTechnicalData>
    </tsi:PlannedTrainData>
</tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
    <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
    <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
    <tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>
    <tsi:TimingAtLocation>
        <tsi:Timing tsi:TimingQualifierCode="ALD">
            <tsi:Time>16:00:00Z</tsi:Time>
            <tsi:Offset>0</tsi:Offset>
        </tsi:Timing>
        <tsi:Timing tsi:TimingQualifierCode="ALA">
            <tsi:Time>15:00:00Z</tsi:Time>
            <tsi:Offset>0</tsi:Offset>
        </tsi:Timing>
    </tsi:TimingAtLocation>
    <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
    <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
    <tsi:PlannedTrainData>
        <tsi:TrainType>2</tsi:TrainType>
        <tsi:PlannedTrainTechnicalData>
            <tsi:TrainWeight>2000</tsi:TrainWeight>
            <tsi:TrainLength>500</tsi:TrainLength>
            <tsi:TractionDetails>
                <tsi:LocoTypeNumber>000000</tsi:LocoTypeNumber>
                <tsi:TractionMode>11</tsi:TractionMode>
                <tsi:TractionWeight>84</tsi:TractionWeight>
                <tsi:Length>
                    <tsi:Value>16800</tsi:Value>
                    <tsi:Measure>mm</tsi:Measure>
                </tsi:Length>
            </tsi:TractionDetails>
            <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
            <tsi:BrakeType>G</tsi:BrakeType>
        </tsi:PlannedTrainTechnicalData>
    </tsi:PlannedTrainData>
    <tsi:OperationalTrainNumber>00000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
    <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
    <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
    <tsi:PrimaryLocationName>00000000000000</tsi:PrimaryLocationName>

```

```
<tsi:TimingAtLocation>
  <tsi:DwellTime>15</tsi:DwellTime>
</tsi:TimingAtLocation>
<tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
<tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
<tsi:PlannedTrainData>
  <tsi:TrainType>2</tsi:TrainType>
  <tsi:PlannedTrainTechnicalData>
    <tsi:TrainWeight>2000</tsi:TrainWeight>
    <tsi:TrainLength>500</tsi:TrainLength>
    <tsi:TractionDetails>
      <tsi:LocoTypeNumber>0000000</tsi:LocoTypeNumber>
      <tsi:TractionMode>11</tsi:TractionMode>
      <tsi:TractionWeight>84</tsi:TractionWeight>
      <tsi:Length>
        <tsi:Value>16800</tsi:Value>
        <tsi:Measure>mm</tsi:Measure>
      </tsi:Length>
    </tsi:TractionDetails>
    <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
    <tsi:BrakeType>G</tsi:BrakeType>
  </tsi:PlannedTrainTechnicalData>
</tsi:PlannedTrainData>
<tsi:OperationalTrainNumber>00000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedJourneyLocation>
  <tsi:CountryCodeISO>HU</tsi:CountryCodeISO>
  <tsi:LocationPrimaryCode>00000</tsi:LocationPrimaryCode>
  <tsi:PrimaryLocationName>0000000000000000</tsi:PrimaryLocationName>
  <tsi:TimingAtLocation>
    <tsi:Timing tsi:TimingQualifierCode="ALA">
      <tsi:Time>15:15:00Z</tsi:Time>
      <tsi:Offset>0</tsi:Offset>
    </tsi:Timing>
  </tsi:TimingAtLocation>
  <tsi:ResponsibleRU>0000</tsi:ResponsibleRU>
  <tsi:ResponsibleIM>0000</tsi:ResponsibleIM>
  <tsi:PlannedTrainData>
    <tsi:TrainType>2</tsi:TrainType>
    <tsi:PlannedTrainTechnicalData>
      <tsi:TrainWeight>2000</tsi:TrainWeight>
      <tsi:TrainLength>500</tsi:TrainLength>
      <tsi:TractionDetails>
        <tsi:LocoTypeNumber>0000000</tsi:LocoTypeNumber>
        <tsi:TractionMode>11</tsi:TractionMode>
        <tsi:TractionWeight>84</tsi:TractionWeight>
        <tsi:Length>
          <tsi:Value>16800</tsi:Value>
          <tsi:Measure>mm</tsi:Measure>
        </tsi:Length>
      </tsi:TractionDetails>
      <tsi:TrainMaxSpeed>80</tsi:TrainMaxSpeed>
      <tsi:BrakeType>G</tsi:BrakeType>
    </tsi:PlannedTrainTechnicalData>
  </tsi:PlannedTrainData>
  <tsi:OperationalTrainNumber>00000</tsi:OperationalTrainNumber>
</tsi:PlannedJourneyLocation>
<tsi:PlannedCalendar>
  <tsi:BitmapDays>1111100111110011111001111110</tsi:BitmapDays>
  <tsi:ValidityPeriod>
    <tsi:StartDateTime>2020-02-01T00:00:00Z</tsi:StartDateTime>
    <tsi:EndDateTime>2020-02-29T00:00:00Z</tsi:EndDateTime>
  </tsi:ValidityPeriod>
</tsi:PlannedCalendar>
</tsi:PathInformation>
</tsi:PathRequestMessage>
```

- 9000_ErrorMessage.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<ErrorMessage xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://www.era.europa.eu/schemas/TAFTSI/2.2">
  <MessageHeader>
    <MessageReference>
      <MessageType>9000</MessageType>
      <MessageTypeVersion>2.1.8</MessageTypeVersion>
      <MessageIdentifier>284522</MessageIdentifier>
      <MessageDateTime>2020-02-10T10:32:55.523Z</MessageDateTime>
    </MessageReference>
    <Sender>0000</Sender>
    <Recipient>0000</Recipient>
  </MessageHeader>
  <MessageStatus>1</MessageStatus>
  <AdministrativeContactInformation>
    <Name>00000000000000</Name>
  </AdministrativeContactInformation>
  <ErrorCauseReference>
    <MessageReference>
      <MessageType>2006</MessageType>
      <MessageTypeVersion>2.1.8</MessageTypeVersion>
      <MessageIdentifier>283566</MessageIdentifier>
      <MessageDateTime>2020-01-10T10:25:54.366Z</MessageDateTime>
    </MessageReference>
  </ErrorCauseReference>
  <TagReference>/PathRequestMessage/TrainInformation/PlannedTrainData/PlannedTrainTechnicalData/TractionDetails
/TractionMode</TagReference>
  </ErrorCauseReference>
  <TypeOfError>2</TypeOfError>
  <Severity>2</Severity>
  <ErrorCode>8</ErrorCode>
  <FreeTextField>Hodnota 9927 je neplatná vzhledem k jejímu datovému typu Integer</FreeTextField>
  <PlannedTransportIdentifiers>
    <ObjectType>TR</ObjectType>
    <Company>0000</Company>
    <Core>EVAL00154784</Core>
    <Variant>01</Variant>
    <TimetableYear>2020</TimetableYear>
  </PlannedTransportIdentifiers>
  <PlannedTransportIdentifiers>
    <ObjectType>PR</ObjectType>
    <Company>0000</Company>
    <Core>EVAL00154784</Core>
    <Variant>01</Variant>
    <TimetableYear>2020</TimetableYear>
  </PlannedTransportIdentifiers>
</ErrorMessage>
```

- 2007_ReceiptConfirmation.xml

```
<?xml version="1.0" encoding="utf-8"?>
<ReceiptConfirmationMessage xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://www.era.europa.eu/schemes/TAFTSI/2.2">
  <MessageHeader>
    <MessageReference>
      <MessageType>2007</MessageType>
      <MessageTypeVersion>2.1.8</MessageTypeVersion>
      <MessageIdentifier>754985</MessageIdentifier>
      <MessageDateTime>2020-02-09T19:12:09Z</MessageDateTime>
    </MessageReference>
    <Sender>0000</Sender>
    <Recipient>0000</Recipient>
  </MessageHeader>
  <Identifiers>
    <PlannedTransportIdentifiers>
      <ObjectType>TR</ObjectType>
      <Company>0000</Company>
      <Core>EVAL00148653</Core>
      <Variant>01</Variant>
      <TimetableYear>2020</TimetableYear>
    </PlannedTransportIdentifiers>
    <PlannedTransportIdentifiers>
      <ObjectType>PR</ObjectType>
      <Company>0000</Company>
      <Core>EVAL00148653</Core>
      <Variant>01</Variant>
      <TimetableYear>2020</TimetableYear>
    </PlannedTransportIdentifiers>
    <PlannedTransportIdentifiers>
      <ObjectType>PA</ObjectType>
      <Company>0000</Company>
      <Core>EVAL00148653</Core>
      <Variant>01</Variant>
      <TimetableYear>2020</TimetableYear>
    </PlannedTransportIdentifiers>
  </Identifiers>
  <RelatedReference>
    <RelatedType>2004</RelatedType>
    <RelatedIdentifier>754752</RelatedIdentifier>
    <RelatedMessageDateTime>2020-02-09T19:04:32Z</RelatedMessageDateTime>
  </RelatedReference>
</ReceiptConfirmationMessage>
```

- 4001_TrainDelayCauseMessage.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<TrainDelayCauseMessage xmlns="http://taf-jsg.info/schemes" xmlns:ns="http://taf-jsg.info/schemes"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <MessageHeader>
    <MessageReference>
      <MessageType>4001</MessageType>
      <MessageTypeVersion>2.1.8</MessageTypeVersion>
      <MessageIdentifier>145633</MessageIdentifier>
      <MessageDateTime>2020-01-22T10:00:22.345Z</MessageDateTime>
    </MessageReference>
    <Sender>0000</Sender>
    <Recipient>0000</Recipient>
  </MessageHeader>
  <MessageStatus>1</MessageStatus>
  <TrainOperationalIdentification>
    <TransportOperationalIdentifiers>
      <ObjectType>TR</ObjectType>
      <Company>0000</Company>
      <Core>EVAL00063579</Core>
      <Variant>00</Variant>
      <TimetableYear>2020</TimetableYear>
      <StartDate>2020-01-11</StartDate>
    </TransportOperationalIdentifiers>
  </TrainOperationalIdentification>
  <OperationalTrainNumberIdentifier>
    <OperationalTrainNumber>00000</OperationalTrainNumber>
  </OperationalTrainNumberIdentifier>
  <DelayEventReport>
    <DelayLocation>
      <CountryCodeISO>HU</CountryCodeISO>
      <LocationPrimaryCode>00000</LocationPrimaryCode>
      <PrimaryLocationName>00000000000000</PrimaryLocationName>
    </DelayLocation>
    <TrainLocationStatus>04</TrainLocationStatus>
    <DelayCauseTime>
      <DelayCause>64</DelayCause>
      <DelayMinutes>0182</DelayMinutes>
      <DelayEventDateTime>2020-01-11T07:34:00Z</DelayEventDateTime>
      <InternalReferenceIdentifier>85374782</InternalReferenceIdentifier>
    </DelayCauseTime>
  </DelayEventReport>
</TrainDelayCauseMessage>
```

- 4004_TrainRunningForecastMessage.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<TrainRunningForecastMessage xmlns="http://taf-jsg.info/schemes" xmlns:ns="http://taf-jsg.info/schemes"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <MessageHeader>
    <MessageReference>
      <MessageType>4004</MessageType>
      <MessageTypeVersion>2.1.8</MessageTypeVersion>
      <MessageIdentifier>875651</MessageIdentifier>
      <MessageDateTime>2020-01-23T09:39:00Z</MessageDateTime>
    </MessageReference>
    <Sender>0000</Sender>
    <Recipient>0000</Recipient>
  </MessageHeader>
  <MessageStatus>2</MessageStatus>
  <TrainOperationalIdentification>
    <TransportOperationalIdentifiers>
      <ObjectType>TR</ObjectType>
      <Company>0000</Company>
      <Core>EVAL00307523</Core>
      <Variant>00</Variant>
      <TimetableYear>2020</TimetableYear>
      <StartDate>2020-01-23</StartDate>
    </TransportOperationalIdentifiers>
  </TrainOperationalIdentification>
  <OperationalTrainNumberIdentifier>
    <OperationalTrainNumber>00000</OperationalTrainNumber>
  </OperationalTrainNumberIdentifier>
  <TrainLocationReport>
    <Location>
      <CountryCodeISO>HU</CountryCodeISO>
      <LocationPrimaryCode>39927</LocationPrimaryCode>
      <PrimaryLocationName>0000000000000000</PrimaryLocationName>
      <LocationSubsidiaryIdentification>
        <LocationSubsidiaryCode ns:LocationSubsidiaryTypeCode="1">5</LocationSubsidiaryCode>
        <AllocationCompany>0000</AllocationCompany>
      </LocationSubsidiaryIdentification>
    </Location>
    <LocationDateTime>2020-01-23T13:36:00Z</LocationDateTime>
    <TrainLocationStatus>02</TrainLocationStatus>
    <BookedLocationDateTime>2020-01-23T12:13:00Z</BookedLocationDateTime>
    <TrainDelay>
      <AgainstBooked>+0083</AgainstBooked>
    </TrainDelay>
  </TrainLocationReport>
</TrainRunningForecastMessage>
```


- 4005_TrainRunningInformationMessage.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<TrainRunningInformationMessage xmlns="http://taf-jsg.info/schemes" xmlns:ns="http://taf-jsg.info/schemes"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <MessageHeader>
    <MessageReference>
      <MessageType>4005</MessageType>
      <MessageTypeVersion>2.1.8</MessageTypeVersion>
      <MessageIdentifier>3698251</MessageIdentifier>
      <MessageDateTime>2020-01-22T19:08:22Z</MessageDateTime>
    </MessageReference>
    <Sender>0000</Sender>
    <Recipient>0000</Recipient>
  </MessageHeader>
  <MessageStatus>1</MessageStatus>
  <TrainOperationalIdentification>
    <TransportOperationalIdentifiers>
      <ObjectType>TR</ObjectType>
      <Company>0000</Company>
      <Core>EVAL00289773</Core>
      <Variant>00</Variant>
      <TimetableYear>2020</TimetableYear>
      <StartDate>2020-01-21</StartDate>
    </TransportOperationalIdentifiers>
  </TrainOperationalIdentification>
  <OperationalTrainNumberIdentifier>
    <OperationalTrainNumber>00000</OperationalTrainNumber>
  </OperationalTrainNumberIdentifier>
  <TrainLocationReport>
    <Location>
      <CountryCodeISO>HU</CountryCodeISO>
      <LocationPrimaryCode>00000</LocationPrimaryCode>
      <PrimaryLocationName>0000000000000000</PrimaryLocationName>
      <LocationSubsidiaryIdentification>
        <LocationSubsidiaryCode ns:LocationSubsidiaryTypeCode="1">1</LocationSubsidiaryCode>
        <AllocationCompany>0000</AllocationCompany>
      </LocationSubsidiaryIdentification>
    </Location>
    <LocationDateTime>2020-01-22T06:04:00Z</LocationDateTime>
    <TrainLocationStatus>05</TrainLocationStatus>
    <BookedLocationDateTime>2020-01-21T17:25:00Z</BookedLocationDateTime>
    <TrainDelay>
      <AgainstBooked>+0759</AgainstBooked>
    </TrainDelay>
  </TrainLocationReport>
</TrainRunningInformationMessage>
```

- 4006_TrainRunningInterruptionMessage.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<TrainRunningInterruptionMessage xmlns="http://taf-jsg.info/schemes" xmlns:ns="http://taf-jsg.info/schemes"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <MessageHeader>
    <MessageReference>
      <MessageType>4006</MessageType>
      <MessageTypeVersion>2.1.8</MessageTypeVersion>
      <MessageIdentifier>682314</MessageIdentifier>
      <MessageDateTime>2020-01-19T11:25:32Z</MessageDateTime>
    </MessageReference>
    <Sender>0000</Sender>
    <Recipient>0000</Recipient>
  </MessageHeader>
  <MessageStatus>1</MessageStatus>
  <TrainOperationalIdentification>
    <TransportOperationalIdentifiers>
      <ObjectType>TR</ObjectType>
      <Company>0000</Company>
      <Core>EVAL00269873</Core>
      <Variant>00</Variant>
      <TimetableYear>2020</TimetableYear>
      <StartDate>2020-01-18</StartDate>
    </TransportOperationalIdentifiers>
  </TrainOperationalIdentification>
  <OperationalTrainNumberIdentifier>
    <OperationalTrainNumber>00000</OperationalTrainNumber>
  </OperationalTrainNumberIdentifier>
  <InterruptionPoint>
    <Location>
      <CountryCodeISO>HU</CountryCodeISO>
      <LocationPrimaryCode>00000</LocationPrimaryCode>
      <PrimaryLocationName>000000000000</PrimaryLocationName>
    </Location>
    <Interruption>
      <InterruptionDateTime>2020-01-19T00:56:03Z</InterruptionDateTime>
    </Interruption>
  </InterruptionPoint>
</TrainRunningInterruptionMessage>
```

- 3003_TrainCompositionMessage.xml

```
<?xml version="1.0" encoding="utf-8"?>
<TrainCompositionMessage xmlns="http://taf-jsg.info/schemes" xmlns:ns="http://taf-jsg.info/schemes"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <MessageHeader>
    <MessageReference>
      <MessageType>3003</MessageType>
      <MessageTypeVersion>2.1.8</MessageTypeVersion>
      <MessageIdentifier>894069</MessageIdentifier>
      <MessageDateTime>2020-01-22T06:18:00Z</MessageDateTime>
    </MessageReference>
    <Sender>0000</Sender>
    <Recipient>0000</Recipient>
  </MessageHeader>
  <MessageStatus>1</MessageStatus>
  <TransportOperationalIdentifiers>
    <ObjectType>TR</ObjectType>
    <Company>0000</Company>
    <Core>EVAL00142138</Core>
    <Variant>00</Variant>
    <TimetableYear>2020</TimetableYear>
    <StartDate>2020-01-22</StartDate>
  </TransportOperationalIdentifiers>
  <OperationalTrainNumberIdentifier>
    <OperationalTrainNumber>00000</OperationalTrainNumber>
    <ScheduledTimeAtHandover>2020-01-22T11:27:00Z</ScheduledTimeAtHandover>
  </OperationalTrainNumberIdentifier>
  <OperationalTrainNumber>00000</OperationalTrainNumber>
  <ReferenceOTN>
    <OperationalTrainNumberIdentifier>
      <OperationalTrainNumber>00000</OperationalTrainNumber>
      <ScheduledTimeAtHandover>2020-01-22T11:27:00Z</ScheduledTimeAtHandover>
    </OperationalTrainNumberIdentifier>
  </ReferenceOTN>
  <TransferPoint>
    <CountryCodeISO>HU</CountryCodeISO>
    <LocationPrimaryCode>00000</LocationPrimaryCode>
    <PrimaryLocationName>00000000000000</PrimaryLocationName>
  </TransferPoint>
  <TrainCompositionJourneySection>
    <JourneySection>
      <JourneySectionOrigin>
        <CountryCodeISO>HU</CountryCodeISO>
        <LocationPrimaryCode>00000</LocationPrimaryCode>
        <PrimaryLocationName>000000000000</PrimaryLocationName>
      </JourneySectionOrigin>
      <JourneySectionDestination>
        <CountryCodeISO>HU</CountryCodeISO>
        <LocationPrimaryCode>00000</LocationPrimaryCode>
        <PrimaryLocationName>00000000000000</PrimaryLocationName>
      </JourneySectionDestination>
      <ResponsibilityActualSection>
        <ResponsibleRU>0000</ResponsibleRU>
        <ResponsibleIM>0000</ResponsibleIM>
      </ResponsibilityActualSection>
      <ResponsibilityNextSection>
        <ResponsibleRU>0000</ResponsibleRU>
        <ResponsibleIM>0000</ResponsibleIM>
      </ResponsibilityNextSection>
    </JourneySection>
    <TrainRunningData>
      <TrainRunningTechData>
        <TrainType>02</TrainType>
        <TrainWeight>128</TrainWeight>
        <TrainLength>28</TrainLength>
        <TrainMaxSpeed>90</TrainMaxSpeed>
        <BrakeType>P</BrakeType>
        <NumberOfVehicles>2</NumberOfVehicles>
        <NumberOfAxles>8</NumberOfAxles>
      </TrainRunningTechData>
    </TrainRunningData>
  </TrainCompositionJourneySection>
</TrainCompositionMessage>
```

```
<ExceptionalGaugingInd>false</ExceptionalGaugingInd>  
<DangerousGoodsIndicator>false</DangerousGoodsIndicator>  
</TrainRunningData>  
<LocoIdent>  
<TractionType>11</TractionType>  
<LocoTypeNumber>000000000000</LocoTypeNumber>  
<TractionMode>11</TractionMode>  
<DriverIndication>1</DriverIndication>  
</LocoIdent>  
<LocoIdent>  
<TractionType>11</TractionType>  
<LocoTypeNumber>000000000000</LocoTypeNumber>  
<TractionMode>12</TractionMode>  
<DriverIndication>1</DriverIndication>  
</LocoIdent>  
<LivestockOrPeopleIndicator>0</LivestockOrPeopleIndicator>  
</TrainCompositionJourneySection>  
</TrainCompositionMessage>
```

- 3006_TrainReadyMessage.xml

```
<?xml version="1.0" encoding="utf-8"?>
<TrainReadyMessage xmlns="http://taf-jsg.info/schemes" xmlns:ns="http://taf-jsg.info/schemes"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <MessageHeader>
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