

Making the railway system  
work better for society.

Ms. Kamila Mestická  
Head of PM Segment  
OLTIS Group, a.s.  
Dr. M. Horákové 1200/27a  
779 00 Olomouc  
Czech Republic

Valenciennes, 5<sup>th</sup> February 2021

### 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:

<b>Name of the Action:</b>	Implementation of the TAF TSI at Hungarian private railway undertakings
<b>No. of the Action:</b>	2016-EU-TMC-0134-W
<b>No. of the Grant Agreement:</b>	INEA/CEF/TRAN/M2016/1361703
<b>Timeframe of the Activity:</b>	2020
<b>Verified Activity:</b>	TAF TSI Implementation – Phase 4 (Activity 4)
<b>Verified TAF TSI functionalities:</b>	Service Disruption Information, Train Preparation, Shipment ETI/ETA

The results of the verification process are concluded as follows:

OLTIS Group has sent to the European Union Agency for Railway on 1st of February 2021 the following deliverable datasets for verification:

Product	IS for RU / IM Freight/Pass.	Functionality	Input / Output	Message	Phase of the verification and the date
<b>OLTIS LWP</b> Logistic Web Portal (Hungarian CEF Project)	RU Freight	Service Disruption Information	Input	TrainRunningInterruption	Phase 4 01 February 2021
		Train Preparation	Input	TrainReady	
		Shipment ETI/ETA	Input	WagonETI/ETA	

The TAF XML „Service Disruption Information“ functionality messages:

- *TrainRunningInterruptionMessage.xml*

OLTIS Group deploys in its OLTIS LWP (CEF Project) are hard compliant against the TAF data catalogue version baseline 2.1.0 (checked with Altova XML Spy 2019 (x64) in February 2021).

1) The TAF XML „Train Preparation“ functionality messages:

- *TrainReadyMessage.xml*

OLTIS Group deploys in its OLTIS LWP (CEF Project) are hard compliant against the TAF data catalogue version baseline 2.1.0 (checked with Altova XML Spy 2019 (x64) in February 2021).

2) The TAF XML „Shipment ETI/ETA“ functionality messages:

- *WagonETI/ETA.xml*

OLTIS Group deploys in its OLTIS LWP for Hungary (CEF Project) are hard compliant against the TAF data catalogue version baseline 2.1.0 (checked with Altova XML Spy 2019 (x64) in February 2021).



Filip Skibinski  
 Railway Systems Unit  
 Project Officer  
 Tel: +33 327 096 606  
 Email: [filip.skibinski@era.europa.eu](mailto:filip.skibinski@era.europa.eu)

Appendix 1 Messages subject to verification

*Appendix 1. Messages subject to verification<sup>1</sup>*1. *TrainRunningInterruptionMessage.xml*

```

<?xml version="1.0" encoding="UTF-8"?>
<TrainRunningInterruptionMessage xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://www.era.europa.eu/schemes/TAFTSI/2.1">
  <MessageHeader>
    <MessageReference>
      <MessageType>4006</MessageType>
      <MessageTypeVersion>2.1.8</MessageTypeVersion>
      <MessageIdentifier>650372</MessageIdentifier>
      <MessageDateTime>2021-01-17T07:50:23Z</MessageDateTime>
    </MessageReference>
    <Sender d3p1:CI_InstanceNumber="1"
xmlns:d3p1="http://www.era.europa.eu/schemes/TAFTSI/2.1">0055</Sender>
    <Recipient d3p1:CI_InstanceNumber="1"
xmlns:d3p1="http://www.era.europa.eu/schemes/TAFTSI/2.1">3021</Recipient>
  </MessageHeader>
  <MessageStatus>1</MessageStatus>
  <TrainOperationalIdentification>
    <TransportOperationalIdentifiers>
      <ObjectType>TR</ObjectType>
      <Company>0000</Company>
      <Core>000000000000</Core>
      <Variant>00</Variant>
      <TimetableYear>2020</TimetableYear>
      <StartDate>2021-01-17</StartDate>
    </TransportOperationalIdentifiers>
  </TrainOperationalIdentification>
  <OperationalTrainNumberIdentifier>
    <OperationalTrainNumber>00000</OperationalTrainNumber>
  </OperationalTrainNumberIdentifier>
  <InterruptionPoint>
    <Location>
      <CountryCodeISO>HU</CountryCodeISO>
      <LocationPrimaryCode>00000</LocationPrimaryCode>
      <PrimaryLocationName>00000</PrimaryLocationName>
    </Location>
    <Interruption>
      <InterruptionDateTime>2021-01-17T07:41:10Z</InterruptionDateTime>
    </Interruption>
  </InterruptionPoint>
</TrainRunningInterruptionMessage>

```

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<sup>1</sup> Sensitive data have been replaced

2. *TrainReadyMessage.xml*

```
<?xml version="1.0" encoding="UTF-8"?>
<TrainReadyMessage xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://www.era.europa.eu/schemes/TAFTSI/2.1">
  <MessageHeader>
    <MessageReference>
      <MessageType>3006</MessageType>
      <MessageTypeVersion>2.1.8</MessageTypeVersion>
      <MessageIdentifier>000000</MessageIdentifier>
      <MessageDateTime>2021-01-17T01:25:50Z</MessageDateTime>
    </MessageReference>
    <Sender d3p1:CI_InstanceNumber="1"
xmlns:d3p1="http://www.era.europa.eu/schemes/TAFTSI/2.1">3021</Sender>
    <Recipient d3p1:CI_InstanceNumber="1"
xmlns:d3p1="http://www.era.europa.eu/schemes/TAFTSI/2.1">0055</Recipient>
  </MessageHeader>
  <MessageStatus>1</MessageStatus>
  <TransportOperationalIdentifiers>
    <ObjectType>TR</ObjectType>
    <Company>0000</Company>
    <Core>000000000000</Core>
    <Variant>00</Variant>
    <TimetableYear>2020</TimetableYear>
    <StartDate>2021-01-17</StartDate>
  </TransportOperationalIdentifiers>
  <OperationalTrainNumberIdentifier>
    <OperationalTrainNumber>000000</OperationalTrainNumber>
    <ScheduledTimeAtHandover>2021-01-17T04:35:00Z</ScheduledTimeAtHandover>
  </OperationalTrainNumberIdentifier>
  <ResponsibleRU>0000</ResponsibleRU>
  <TrainContactDetails>+3600000</TrainContactDetails>
  <TrainLocation>
    <CountryCodeISO>HU</CountryCodeISO>
    <LocationPrimaryCode>00000</LocationPrimaryCode>
    <PrimaryLocationName>00000</PrimaryLocationName>
  </TrainLocation>
  <TransfereeIM>00000</TransfereeIM>
  <TrainStartTime>2021-01-17T04:35:00Z</TrainStartTime>
  <TrainReadyTime>2021-01-17T07:26:48Z</TrainReadyTime>
</TrainReadyMessage>
```

## 3. WagonETI/ETA.xml

```

<?xml version="1.0" encoding="utf-8"?>
<WagonETI_ETA_Message xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://www.era.europa.eu/schemes/TAFTSI/2.1">
  <MessageHeader>
    <MessageReference>
      <MessageType>5006</MessageType>
      <MessageTypeVersion>2.1.8</MessageTypeVersion>
      <MessageIdentifier>000000</MessageIdentifier>
      <MessageDateTime>2021-01-15T22:24:53</MessageDateTime>
    </MessageReference>
    <Sender d3p1:CI_InstanceNumber="1"
xmlns:d3p1="http://www.era.europa.eu/schemes/TAFTSI/2.1">3021</Sender>
    <Recipient d3p1:CI_InstanceNumber="1"
xmlns:d3p1="http://www.era.europa.eu/schemes/TAFTSI/2.1">3228</Recipient>
  </MessageHeader>
  <RelatedReference>
    <RelatedType>5002</RelatedType>
    <RelatedIdentifier>000000</RelatedIdentifier>
    <RelatedMessageDateTime>2021-01-04T22:01:53</RelatedMessageDateTime>
  </RelatedReference>
  <WagonInformation>
    <WagonNumberFreight>000000</WagonNumberFreight>
    <LoadingStatus>1</LoadingStatus>
    <TotalWeight>00000</TotalWeight>
    <GoodsInWagon>
      <NHM_Code>000000</NHM_Code>
      <GrossWeight>25000</GrossWeight>
    </GoodsInWagon>
  </WagonInformation>
  <ArrivalInterchangeReport>
    <Source>Estimated time of arrival</Source>
    <Location>
      <CountryCodeISO>HU</CountryCodeISO>
      <LocationPrimaryCode>00000</LocationPrimaryCode>
      <PrimaryLocationName>00000</PrimaryLocationName>
    </Location>
    <ArrivalTimeAtLocation>2021-01-04T00:13:38</ArrivalTimeAtLocation>
    <TrainID>
      <ObjectType>TR</ObjectType>
      <Company>0000</Company>
      <Core>000000000000</Core>
      <Variant>00</Variant>
      <TimetableYear>2020</TimetableYear>
      <StartDate>2021-01-04</StartDate>
    </TrainID>
  </ArrivalInterchangeReport>
  <DepartureInterchangeReport>
    <Location>
      <CountryCodeISO>HU</CountryCodeISO>
      <LocationPrimaryCode>00000</LocationPrimaryCode>
      <PrimaryLocationName>00000</PrimaryLocationName>
    </Location>
    <DepartureTimeAtLocation>2021-01-04T00:14:53</DepartureTimeAtLocation>
    <TrainID>
      <ObjectType>TR</ObjectType>
      <Company>00000</Company>
      <Core>00000</Core>
      <Variant>00</Variant>
      <TimetableYear>2020</TimetableYear>
      <StartDate>2021-01-04</StartDate>
    </TrainID>
  </DepartureInterchangeReport>
</WagonETI_ETA_Message>

```