**Accompanying documentation
to the declaration of compliance (self-declaration) with the
Delegated Regulation (EU) 2015/962**

**Template information**

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| Version | Date | Description/Change | Author and Organisation |
| 1 | 20.02.2023 | First draft version  | Patricia Pumpler (AustriaTech) |
| 2 | 23.11.2023 | Final draft | Miriam Lindsberger (AustriaTech) |
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**Preface**

This document provides additional documentation to the declaration of compliance (self-declaration) with the Delegated Regulation (EU) 2015/962 of the European Commission with regard to data and procedures for the provision, where possible, of EU-wide real-time traffic information services (Priority Action B, **RTTI**).

The additional documentation shall serve as a basis for the compliance assessment carried out by the national body. Therefore, this document also identifies compliant datasets, the level of compliance and identifies attached machine-readable files. **If existing organisational documents provide answers or information to requested topics, please add them to the Annex and refer to them in the relevant chapter.**

The declaration of compliance is provided per delegated regulation - i.e. for all RTTI data sets only one self-declaration is necessary. The accompanying documents should be up-to-date, in case of a Compliance Assessment, and a new version should be submitted, if there have been any changes.

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**Terms and Definitions**

|  |  |
| --- | --- |
| **Data set** | A logical set of data elements selected by semantic relation. A data set contains the traffic or travel data which are provided by the data owner and could be subscribed to by a user. It can be accessed as a downloadable file or as an API that serves for the provision of the traffic related information content[[1]](#footnote-1). |
| **Distribution interface** | A technical machine to machine interface through which the data can be retrieved or a service could be consumed.  |
| **Model** | A representation of an entity from which the important elements have been abstracted by removing unimportant detail while at the same time retaining the interrelationship between the key elements of the whole.[[2]](#footnote-2) |
| **Format** | A description of data structure for transferring some kind of information. |
| **Format specification** | A documentation of format used for the referenced data set including concepts, schemas, samples.  |
| **Protocol** | A description of data transfer process and rules  |
| **Protocol specification** | A documentation of protocol used for distribution of the referenced data set including concepts.  |
| **National body** | An entity that is nominated by memberstate to assess the compliance of the data published at National Access Point with regards the obligation stipulated by individuall Delegated regulations to the ITS Directive. Often refered to as Nominated body or National Authority.  |

# **Provider information**

|  |  |
| --- | --- |
| Main trading entity |  |
| Address (seat) |  |
| Contact person  |  |
| Email address |  |
| Link to organisation website |  |
| RTTI Link to information at NAP |  |
| Distribution interface (e.g. website, app, data, link, …) |  |

**List of data sets**

|  |
| --- |
| Please list the data publications with EU-wide real-time traffic information services, for which the self-declaration applies, by their official name on NAP and a link to the data set on NAP. (DS = Data set) |
| Reference | Data set | Link to NAP |
| DS1 |  |  |
| DS2 |  |  |
| DS3 |  |  |
| … |  |  |

**Data Format**

|  |
| --- |
| Please list the RTTI publications on NAP with a link to the respective format specification and the model if applicable. |
| Reference | Link to/or description of format specification, e.g. DatexII.eur/Forum  | Model, e.g. DATEXII – version 3  |
| DS1 |  |  |
| DS2 |  |  |
| DS3 |  |  |
| ... |  |  |
| Please list the RTTI publications on NAP and the link to the respective protocol specification and a link to the interface if applicable. |
| Reference  | Link to/ or description of protocol specification, e.g. REST/Download | Interface/method, e.g. HTTPS  |
| DS1 |  |  |
| DS2 |  |  |
| DS3 |  |  |
| ... |  |  |

If format and/or protocol specification is not applicable, please describe the technical set-up of the data set / service (what data is used and how is it presented):

# **License Terms**

|  |
| --- |
| For road authorities and road operators:Please explain how the provided data and the corresponding metadata, including information on the quality, is accessible for exchange and re-use by any digital map producer or service provider within the Union on a non-discriminatory basis [art. 4.2, 5.2, 6.2]. |
|  |

# **Process description**

|  |
| --- |
| For road authorities and road operators:Please explain if the provided data is accessible within a time-frame that ensures the timely provision of the real time traffic information service [art. 4.2, 5.2]. |
|  |
| For road authorities, road operators, map producers and service providers:Please explain how your organisation collaborates with other road authorities, road operators, digital map producers and service providers in order to ensure that any inaccuracies related to static road data are signalled without delay to the road authorities and road operators from which the data originates [art. 4.2]. |
|  |
| For service providers:Please explain how your organisation takes traffic circulation plans developed by the competent authorities into account when using static road data [art. 4.3]. |
|  |
| For service providers:Please explain how your organisation takes into account, as far as possible, any temporary traffic management measures taken by the competent authorities while using dynamic road status data [art. 5.3]. |
|  |
| For road authorities, road operators, service providers:Please explain how you base real-time traffic information services on updates of static road data, dynamic road status data and traffic data. Are the services based on a combination thereof [art. 7]? |
|  |
| For road authorities, road operators, service providers: Please explain if the data is regularly updated by your organisation in accordance with the requirements set out in Articles 8 to 10 [art. 7]. |
|  |
| For road authorities, road operators, service providers: Please explain if you, in a timely manner, correct any inaccuracies detected in your data or signalled to you by any user and end-users [art. 7]. |
|  |
| For road authorities and road operators:Please explain how you ensure that updates of static road data includes mandatory parameters [art. 8.1]. |
|  |
| For road authorities and road operators:Please explain how you ensure the timely update of static road data and, where known and possible, how you provide updates to users in advance [art. 8.2.]. |
|  |
| For digital map producers and service providers:Do you process static road data in such a way that the information can be made available to end users without delay? What ensures that the updates are processed in a timely manner [art. 8.3]? |
|  |
| For road authorities and road operators:Please explain how you ensure that updates of dynamic road status data includes mandatory parameters [art. 9.1]. |
|  |
| For road authorities and road operators:Please explain how you ensure the timely update of dynamic road status data and, where known and possible, provide these updates in advance [art. 9.2]. |
|  |
| For road operators and service providers:Please explain how you modify or withdraw the real-time traffic information as soon as possible after the status of the dynamic road status data and traffic data concerned has changed [art. 9.3, 10.2]. |
|  |
| For service providers:Please explain how you ensure that traffic data updates are processed in a timely manner in order to make the information accessible to end-users without delay [art. 10.3]. |
|  |

# **Service description**

|  |
| --- |
| For road authorities, road operators, digital map producers and service providers:Please describe the road and traffic data, digital map or real-time traffic information services you provide as well as the information on the quality thereof and the conditions of re-use of these data [art. 11.2]. |
|  |
| Do you include the following parameters in updates of static road data [8.1]?(a) the type of static road data(b) the location of the condition (c) the type of update (modification, insertion, deletion)(d) the description of the update(e) the date on which the data has been updated(f) the date and time when the chance in a given condition has occurred or is planned to occur(g) the quality of the data updatePlease explain the location referencing method you use to determine the location.  |
|  |
| For road authorities, road operators, service providers: Do you include the following parameters in updates of dynamic road data [art. 9.1]?(a) the type of dynamic road status data and where appropriate a short description of it(b) the location of the event or condition(c) the period of occurrence of the event or condition (d) the quality of the data update Please explain the location referencing method you use to determine the location.  |
|  |
| For road authorities, road operators, service providers:Do you include the following parameters in updates of traffic data [art. 10.1]?(a)the type of traffic data and where appropriate a short description of it(b) the location of the event or condition(c)d the quality of the data updatePlease explain the location referencing method you use to determine the location.  |
|  |

# **Annex**

|  |
| --- |
| Please attach the terms of use to the Annex. |
| Which documents are attached to this accompanying document to support your claims? |
| Annex 1: Data categories available in the registered dataset(s)Annex 2:Annex 3:… |

*Annex 1: Data categories available in the registered dataset(s) and service(s)*

*(if necessary add more columns to the table so that all datasets can be described)*

|  |  |  |  |
| --- | --- | --- | --- |
| 1. The types of the **static road data** include in particular | DS 1 | DS 2 | DS 3 |
| (a) road network links and their physical attributes, such as: | (i) geometry; |  |  |  |
| (ii) road width; |  |  |  |
| (iii) number of lanes; |  |  |  |
| (iv) gradients; |  |  |  |
| (v) junctions; |  |  |  |
| (b) road classification; |  |  |  |
| (c) traffic signs reflecting traffic regulations and identifying dangers, such as: | (i) access conditions for tunnels; |  |  |  |
| (ii) access conditions for bridges; |  |  |  |
| (iii) permanent access restrictions; |  |  |  |
| (iv) other traffic regulations; |  |  |  |
| (d) speed limits; |  |  |  |
| (e) traffic circulation plans; |  |  |  |
| (f) freight delivery regulations; |  |  |  |
| (g) location of tolling stations; |  |  |  |
| (h) identification of tolled roads, applicable fixed road user charges and available payment methods; |  |  |  |
| (i) location of parking places and service areas; |  |  |  |
| (j) location of charging points for electric vehicles and the conditions for their use; |  |  |  |
| (k) location of compressed natural gas, liquefied natural gas, liquefied petroleum gas stations; |  |  |  |
| (l) location of public transport stops and interchange points; |  |  |  |
| (m) location of delivery areas. |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 2. The types of the **dynamic road status data** include in particular | DS 1 | DS 2 | DS 3 |
| (a) road closures; |  |  |  |
| (b) lane closures; |  |  |  |
| (c) bridge closures; |  |  |  |
| (d) overtaking bans on heavy goods vehicles; |  |  |  |
| (e) roadworks; |  |  |  |
| (f) accidents and incidents; |  |  |  |
| (g) dynamic speed limits; |  |  |  |
| (h) direction of travel on reversible lanes; |  |  |  |
| (i) poor road conditions; |  |  |  |
| (j) temporary traffic management measures; |  |  |  |
| (k) variable road user charges and available payment methods; |  |  |  |
| (l) availability of parking places; |  |  |  |
| (m) availability of delivery areas; |  |  |  |
| (n) cost of parking; |  |  |  |
| (o) availability of charging points for electric vehicles; |  |  |  |
| (p) weather conditions affecting road surface and visibility. |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 3. The types of the **traffic data** include in particular: | DS 1 | DS 2 | DS 3 |
| (a) traffic volume; |  |  |  |
| (b) speed; |  |  |  |
| (c) location and length of traffic queues; |  |  |  |
| (d) travel times; |  |  |  |
| (e) waiting time at border crossings to non-EU Member States. |  |  |  |

1. the data set might be distributed also by other means to reach wider audience (relevant for RTTI) e.g. web based map application, radio broadcast etc.  [↑](#footnote-ref-1)
2. DATEX II model is a class model for describing information related to the road traffic. The model in form of UML is platform independent. Platform specific model is in XML [↑](#footnote-ref-2)