

Accompanying documentation
to the declaration of compliance (self-declaration) with the
Delegated Regulation (EU) No. 886/2013

Template information

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1	08.02.2023	First draft version	Alina Pinkelnig (AustriaTech)
2	23.11.2023	Final draft	Miriam Lindsberger (AustriaTech)
3	04.12.2024	Updated version	Celina Kiene/Anton Rauchmann (AustriaTech)

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1	16.01.2023	First version
2		Up date version

Preface

This document provides additional documentation to the declaration of compliance (self-declaration) with the Delegated Regulation (EU) No. 886/2013 of the European Commission with regard to data and procedures for the provision, where possible, of road safety-related minimum universal traffic information free of charge to users (Priority Action C, **SRTI**).

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 SRTI data sets only one self-declaration is necessary. The accompanying document 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 .
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
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 individual Delegated regulations to the ITS Directive. Often referred to as Nominated body or National Authority.

¹ the data set might be distributed also by other means to reach wider audience (relevant for SRTI) e.g. web based map application, radio broadcast etc.

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

Provider information

Main trading entity	National Traffic Information Centre (NDIC)
Address (seat)	Ředitelství silnic a dálnic ČR (RSD CR) Odbor silniční databanky a NDIC Slovenská 1142/7, 702 00 Ostrava – Přívoz
Contact person	Ctirad Weissmann
Email address	ctirad.weissmann@rsd.cz
Link to organisation website	http://registr.dopravniinfo.cz/en/providers/cz-ndic/
SRTI Link to information at NAP	https://mobilitydata.rsd.cz
Distribution interface (e.g. website, app, data link, ...)	Website and app

List of Data sets

Please list the data publications with safety related traffic information, 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	Publication name	Link to NAP
DS1	Common Traffic Information	https://registr.dopravniinfo.cz/en/sources/cz-ndic_d2-common/
DS2	Common Traffic Information (snapshot)	https://registr.dopravniinfo.cz/en/sources/cz-ndic_d2-common-pull/
DS3	Restrictions	https://registr.dopravniinfo.cz/en/sources/cz-ndic_d2-restrictions/
DS4	Weather	https://registr.dopravniinfo.cz/en/sources/cz-ndic_d2-weather/
DS5	Variable Message Signs - fixed v1.1	https://registr.dopravniinfo.cz/en/sources/cz-ndic_d2-vms-fixed-v1.1/
DS6	Variable Message Signs (predefined locations) - fixed signs v1.1	https://registr.dopravniinfo.cz/en/sources/cz-ndic_d2-vms-table-fixed-v1.1/
DS7	Variable Message Signs - mobile trailers v1.1	https://registr.dopravniinfo.cz/en/sources/cz-ndic_d2-vms-mobile-v1.1/
DS8	Variable Message Signs (predefined locations) - mobile trailers v1.1	https://registr.dopravniinfo.cz/en/sources/cz-ndic_d2-vms-table-mobile-v1.1/

Data Format

Please list the SRTI data sets 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	Format, e.g. DATEXII – version 3

DS1	http://registr.dopravniinfo.cz/en/formats/cz-ndic_d2-common-v1.1/	DATEX II v2.3 / SituationPublication
DS2	http://registr.dopravniinfo.cz/en/formats/cz-ndic_d2-common-v1.1/	DATEX II v2.3 / SituationPublication
DS3	http://registr.dopravniinfo.cz/en/formats/cz-ndic_d2-restrictions-v1.1/	DATEX II v2.3 / SituationPublication
DS4	http://registr.dopravniinfo.cz/en/formats/cz-ndic_d2-weather-v1.1/	DATEX II v2.3 / SituationPublication
DS5	https://registr.dopravniinfo.cz/en/formats/cz-ndic_d2-vms-v1.0/	DATEX II v3.3 / VmsPublication
DS6	http://registr.dopravniinfo.cz/en/formats/cz-ndic_d2-common-v1.1/	DATEX II v3.3/VmsTablePublication
DS7	DATEX II - Variable Message Signs (predefined locations) - mobile trailers v1.1 - National Traffic Information Registry (dopravniinfo.cz)	DATEX II v3.3/VmsPublication
DS8	https://registr.dopravniinfo.cz/en/sources/cz-ndic_d2-vms-table-mobile-v1.1/	DATEX II v3.3/VmsTablePublication
Please list the SRTI data sets 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	https://registr.dopravniinfo.cz/en/protocols/cz-ndic_push-v1.1/	HTTP PUSH on Change occurrence
DS2	https://registr.dopravniinfo.cz/cs/protocols/cz-ndic_pull-v1.1/	HTTP PULL Upon Request
DS3	https://registr.dopravniinfo.cz/en/protocols/cz-ndic_push-v1.1/	HTTP PUSH on Change occurrence
DS4 – DS8	https://registr.dopravniinfo.cz/cs/protocols/cz-ndic_pull-v1.1/	HTTP PUSH on Change occurrence

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

Please explain how the provided data is accessible for exchange and reuse by any user of road safety-related minimum universal traffic information [art. 7.3]:

- (a) on a non-discriminatory basis;
- (b) within the Union irrespective of the Member State of establishment (Is the data available in English?).

All data provided by Czech National Traffic Information Centre is available to all users without any restrictions and on a nondiscriminatory basis under the Open License

(c) **If your organisation is a public body**, please explain how the data is accessible for exchange and reuse in accordance with access rights and procedures defined in Directive 2003/98/EC [art. 7.3].

The subscriber must fill in the terms of use of traffic information. The signed and scanned terms shall be sent to the email address of the provider mobilitydata@rsd.cz. In order to fill in the terms, the subscriber shall use the same data as used in the subscription register.

Please explain, if your information service is free of charge to end users and if not, explain why [art. 8.2.b].

Free of charge

Process description

Please explain if the data is accessible within a timeframe that ensures the timely provision of the information service [art. 7.3].

Yes, data are available within a timeframe that ensures timely provision of information services. NDIC is operated continuously by several operators ensuring the timely processing and provision of the event-oriented data, usually up to 5 minutes upon its reception based on its importance and veracity of the originator of received information (i.e. police, rescue services, city hall, etc.). Status oriented data from sensors are processed and provided automatically usually in 5 minutes intervals.

Please explain, how your organisation collaborates with public and private road operators and service providers to harmonise the presentation of the content of the information provided to end users [art. 8.3].

Geographical coverage of NDIC publications is given by the NDIC data providers, which are regional as well as national (police, firefighters, ambulance, road administration, regional TICs). SRTI is provided for the whole Czech territory, covering Motorways, Arterial road network (1st and 2nd class), Regional roads (3rd and 4th class), Urban and local roads.

Please explain, how you inform end users of the existence of the information service and its coverage [art. 8.3].

End-users are informed in several possible ways. First of all, there is the dissemination campaign from the Directorate of Roads and Motorways and also via radio and via web site Traffic information and analysis on the map <https://dopravniinfo.cz> , machine data exchange of DATEX II and DDR XML files via <https://mobilitydata.rsd.cz/>

Please explain how road safety-related minimum universal traffic information is prioritised compared to any other non-safety-related traffic information [art. 8.1].
Road safety-related minimum universal traffic information is prioritised compared any other information by NDIC operator.
Please explain how and when the information is withdrawn if the event or condition cease to subsist [art. 4.2].
Each information is checked and immediately updated by the NDIC operator in these time instants: • new information received from outside sources (update validity with new information) • periodic renewal of the information type (something has changed? Then update). • Its set expiry time (still valid? Then prolong by default time interval)
Please explain how and when the information is modified if there is a change in the event or condition [art. 4.2].
The information changes if there is a change. Information is provided either on occurrence as so-called delat plots, or on request, as so-called snapshots. In the case of publications on occurrence, the data are delivered to the subscriber immediately after processing by the NDIC. In on-demand mode, the actual information is served as soon as the subscriber actively requests it, i.e. usually after 5 minutes.
Please explain for what purpose the road safety-related traffic data is collected [art. 6]. Are arrangements made to identify events or conditions by public and private road operators and/or service providers? Are appropriate means being used? Are relevant road safety-related traffic data being collected? For what purpose is the traffic data collected? Does the implementation of these arrangements comply with the conditions and requirements set out in national law?
The collection of road safety related traffic data is governed by Government Regulation No 590 of 18 May 2005 and, in accordance with Article 124(3) of Act No 361/2000 Coll., the so-called Integrated Traffic Information System for the Czech Republic (ITIS). Under this Act, all public authorities are obliged to provide traffic information relevant to traffic safety to the National Traffic Information Centre (NDIC) (https://dopravniinfo.cz/en/information), which processes and publishes it for the general public via the RSD-TMC service, the web portal and the distribution interface (https://mobilitydata.rsd.cz).
Please list the means of dissemination of the information service to end users (OPTIONAL: and explain how the deployment of these means complies with the conditions and requirements set out in national law) [art. 9.2.d].
National Body has to enter information before sending it out.
NDIC is responsible for providing information for dissemination of the information service to end user. Full description of NDIC publications is available at NAP without any registration all in Czech and English language. At NDIC distribution web interface, after a registration procedure.
Please explain how the timely renewal as well as the quality of the data is ensured [art. 7.4].

Regarding the sole source for the NAP the NDIC, it publishes only verified and checked information. Internal processes require the NDIC operator to crosscheck any message coming from unverified sources before its release to public.
All traffic information sources, including SRTI, have schema published at the NAP.

Service description

Please provide a description of the information service and the means of transmission.

Information are provided via different channels.

Please explain through which channels the information service is distributed and how the widest reach of end users concerned by the given event or condition is ensured [art. 8.2].

Web site	Traffic information and analysis on the map https://dopravniinfo.cz
Data interface	machine data exchange of DATEX II and DDR XML files via https://mobilitydata.rsd.cz/
Data interface LOD	machine data exchange of DATEX II in linked open data format (rdf) via https://lod.tamtamresearch.com/sparql , this is however not governed by NDIC. Description also available via Czech open data governmental portal https://data.gov.cz/dataset?iri=https%3A%2F%2Fdata.gov.cz%2Fzdroj%2Fdatové-sady%2F65993390%2F1087749998
RDS-TMC	channel directly to driver's navigation devices (in vehicle) at Radiožurnál radio station
Radio	Radio broadcasts
Television	TV news
Applications	Mobile applications

Data description

Please explain if and how the information includes [art. 4.1]:

- (a) the location of the event/the condition;
- (b) the category of the event or condition and a short description, where appropriate;
- (c) driving behaviour advice, where appropriate.

NDIC provides requirements on the content of the provided information (a-c).

Annex

Please attach the terms of use to the Annex.

Which documents are attached to this accompanying document to support your claims?

Annex 1: Information on NDIC access point to road safety-related traffic data its conditions of use and formats

Appendix B: Means of dissemination of the information service to end users

Appendix C: Overview of road network

Appendix D: Quality manual or procedure

...

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)

The table below indicates the data categories per data set, the covered area per data set and the way of provision. Please fill in this table with Y for yes and N for no. Please add more columns, if necessary.						
*1 other data / traffic information means that listed data set also covers other non SRTI data categories, i.e. is not focused only on SRTI data.						
General information about SRTI data set		DS 1	DS 2	DS 3	DS4	DS5
categories	temporary slippery road	Y	Y	N	Y	N
	animal, people, obstacles, debris on the road	Y	Y	N	N	N
	unprotected accident area	Y	Y	N	N	Y
	short-term road works	Y	Y	Y	N	N
	reduced visibility	Y	Y	N	Y	N
	wrong-way driver	Y	Y	N	N	Y
	unmanaged blockage of a road	Y	Y	N	N	N
	exceptional weather conditions	Y	Y	N	Y	Y
	other data / traffic information *1	Y	Y	Y	Y	Y

NOTE FOR DATA PROVIDERS: Any additional information on how your data sets differ from the data categories indicated above, can be shared by adding this information to the table above. This is especially important if indicated in the paragraphs of the accompanying document above.