Edition 2.0
22.10.2008

Notices to Skippers for Inland Navigation

International Standard

Contents

Preface

In the recent years many countries have implemented internet-services for notices to skippers. Most of the existing services are providing information in the national language. As many notices are safety related or very important for the planning of voyages, the availability of all the notices for European waterways in all the languages would contribute to increasing safety and competitiveness of Inland Navigation.

This standard has been developed by the “Notices to Skippers Expert Group”.

Edition overview

Edition	Date	Description
1.0	28.5.2004	Adoption by CCNR
1.1	27.4.2006	Amendments adopted by the CCNR Police Committee
1.2	28.9.2006	Amendments adopted by the CCNR RIS Group
1.2.1	13.9.2007	Amendments adopted by the CCNR RIS Group
2.0	22.10.2008	Amendments adopted by the CCNR Police Committee
	[1.5.2009]	Application of the Edition 2.0

Each document version is identified bottom left on each page.

Abbreviations

ENC	Electronic Navigational Chart
FIS	Fairway Information System
Inland ECDIS	Inland Electronic Chart Display and Information System
GlW	Gleichwertiger Wasserstand
RNW	Regulierungsniederwasserstand
WGS 84	Wold Geodetic System 1984
XML	Extended Markup Language

1. Introduction

In the following, the primary functions and performance requirements are described.

Fairway Information Services (FIS) contain geographical, hydrological and administrative data that are used by skippers and fleet managers to plan, execute and monitor a trip. FIS provide dynamic information (e.g. water levels, water level predictions etc.) as well as static information (e.g. regular operating times of locks and bridges) regarding the use and status of the inland waterway infrastructure, and thereby support tactical and strategic navigation decisions.

Traditional means to supply FIS are e.g. visual aids to navigation, notices to skippers on paper, broadcast and fixed telephone on locks. The mobile phone using GSM has added new possibilities of voice and data communication, but GSM is not available in all places and at all times. Tailor-made FIS for the waterways can be supplied by radiotelephone service on inland waterways, Internet service or electronic navigational chart service (e.g. Inland ECDIS with ENC).

The following technical specifications for Notices to Skippers provide rules for the data transmission of fairway information via Internet service.

The standardization of Notices to Skippers will

- provide automatic translation of the most important content of notices in all the languages of the participating countries,
- provide a standardised structure of data-sets in all the participating countries to facilitate the integration of notices in voyage-planning systems,
- provide a standard for water level information,
- be compatible with the data-structure of Inland ECDIS to facilitate integration of Notices to Skippers in Inland ECDIS,
- facilitate data-exchange between different countries,
- use standard vocabulary in combination with code lists.

It will not be possible to standardize all the information, which is contained in Notices to Skippers. Part of the information will be provided as “free text” without automatic translation. The standardized part should cover all the information which is

- important for the safety of Inland Navigation (for example: sunken small craft on the right side of the fairway at the Danube, river-km 2010)
- needed for voyage planning (for example: closure of locks, reduction of vertical clearance, ...)

Additional information (for example: cause of the closure of a lock) can be given as free text.

2. Data standard

Notices to Skippers shall be provided according to chapter 7, Structure of the messages and coding in XML-format.

In order to enable a broad applicability, the XML message definition contains a wide range of elements. The message is structured into entities (tags), such as sections, groups, subgroups and data elements. The use of free text in the data elements should be restricted to a minimum. Wherever possible, data elements are encoded (standardised). The XML message definition defines the structure of the XML message and the codes. The standardized code values, their explanation and translation into 24 languages are provided in reference tables.

A XML-template the XML-scheme, for Notices to Skippers which is based on the XML definition and the standardised code values contains a complete definition for all the XML elements including possible formats and code values.

In order to obtain a machine-readable XML message one has to fill out the empty fields in the XML-scheme (free text) and to select the code values from the value lists provided in the XML-scheme.

The reference tables and the XML scheme of Notices to Skippers are published by the CCNR at http://www.ccr-zkr.org/.

3. Water level information

Water level information is very important for voyage planning as well as safety. At the moment there is no common standard of referencing water level information (Germany for example is using the GlW, “gleichwertiger Wasserstand”, the Danube Commission is recommending the RNW, Regulierungsniederwasserstand, which is defined slightly different. The vertical clearance is mostly referred to a high water level, but sometimes to low water level. The values of gauges are referring to different sea-levels or to special reference points). Therefore it is not possible to integrate water level information in systems for automatic calculation of clearances.

The reference tables for Notices to Skippers (Appendix C) contain a list of gauges relevant for inland navigation with their reference values. The water level information in the message can be referred to the zero point of a gauge, as it has been done in the past, and the on-board software can calculate the absolute height by use of the reference data of the standard.

4. Way of distribution

Member States shall ensure that Notices to Skippers are provided according to this standard in XML-format downloadable in the Internet. In order to enable a specific download, Internet services should provide a possibility to select:

- a specific waterway section (fairway section number of the ID according to Table 1) or
- a specific part of a waterway, defined by the river-km (fairway hectometer of the ID according to Table 1) of the starting and the end point;
- a time of validity (starting date and end date according to Table 1) and
- and a date of publication of the notice (date of publication according to Table 1).

Notices according to this standard can additionally be provided for example by

- WAP (Wireless Application Protocol) services,
- E-mail services,
- web services[1].

Data exchange between the authorities is recommended. All the authorities using this standard can integrate Notices to Skippers of other authorities and countries in their own services. The participating parties (authorities) can agree the procedure of transmitting the XML messages by push or pull services directly.

5. Online weather messages

Nowadays a number of hydro-meteo items are measured continuously in most tidal waters and on many of the other inland waterways and distributed online. The primary purpose of these measurements usually is for the water (-way) authorities. The distribution of this data to users like the skippers of inland waterway vessels varies greatly. For the relatively slow varying water levels of non-tidal rivers the existing standard for Notices to Skippers includes standardised water level messages, which are distributed to the skippers once or twice a day and sometimes more frequent for example during periods of high water. The European inland waterways however also include a large area of tidal waters with continuously fluctuating water levels, not only because of the tide but also under the influence of for example wind. The last meteorological phenomena also can cause large water level variations in canal systems resulting in dramatic variations in for example bridge heights.

At the end of last century the Dutch and Flemish governments developed the so-called Hymedis system initially to support a safe passage of deep draft vessels during their transit of the River Scheldt. Hymedis is an interface between already existing hydro-meteo measurement networks on the River Scheldt and along the Belgium and Dutch (south) coast. Hymedis allows pilots, vessel traffic services and patrol boats to receive hydro-meteo information online via an Internet application (stand-alone java applet), an adapted ECS application and a WAP application on a mobile phone or PDA.

Given the enthusiastic reception of Hymedis by the pilots and patrol vessels it became clear that also skippers of inland barges would be potential users. For this reason a pilot project was started in which also inland barges were provide with an Inland ECDIS application with online connection to Hymedis allowing for example online correction for displayed water depths. The outcome of the pilot was that also the skippers very much appreciated the online connection to real-time measurements. The information of Hymedis that was included in the project, greatly enhanced safety by offering a greater separation of inland waterway traffic and seagoing traffic on the River Scheldt. This was achieved by at the same time providing the participating inland barges with highly detailed depth information in dedicated Inland ENCs.

[1] In 2008 a standardized method for exchanging notices to skippers by means of Web Service (WS) technology is under elaboration. WS will enable an easier and more secure method for exchanging notices to skippers.

Circumstances similar to the River Scheldt can be found in for example the River Seine, the Wadden coast, and the estuaries of the River Ems, Weser, Jade and Elbe Therefore, Appendix B provides a standard for the interface between online hydro-meteo networks and on-board applications.

The specification of dedicated weather messages for inland navigation and their distribution as Notices to Skippers is covered by chapter 7.

The member states are not required to provide weather data.

6. Procedure for changes in the Reference Tables and the XML Scheme of Notices to Skippers

Proposals for amendments to the reference tables or the XML scheme have to be sent together with an explanation, why the amendment is needed to the chairperson of the Notices to Skippers expert group.

The chairperson shall distribute the proposal to the members of the expert group as well as to the secretariat of the CCNR. As regards the expert group, the amendment procedure as defined in the Terms of Reference for the Notices to Skippers expert group shall apply.

The secretariat of the CCNR will proceed with the amendment in accordance with the procedures established by the CCNR. In this context, one shall take due account of the work of the expert group.

If a proposal for amendment is adopted, the updated reference tables and XML scheme are published by the CCNR http://ccr-zkr.org.

7. Structure of the messages and coding in XML-format

This chapter describes the structure and formatting of standardized electronic Notice to Skippers messages.

7.1 Structure of the Notices to Skippers

Notices to Skippers have the following information sections:

- Identification of the message;
- Fairway and traffic related message;
- Water level related messages as:
  - Water level messages,
  - Least sounded depth – messages,
  - Vertical clearance – messages,
  - Barrage status – messages,
  - Discharge messages,
  - Regime messages,
  - Predicted water level – messages,
  - Least sounded predicted depth – messages,
  - Predicted discharge – messages;
- Ice message;
- Weather message.

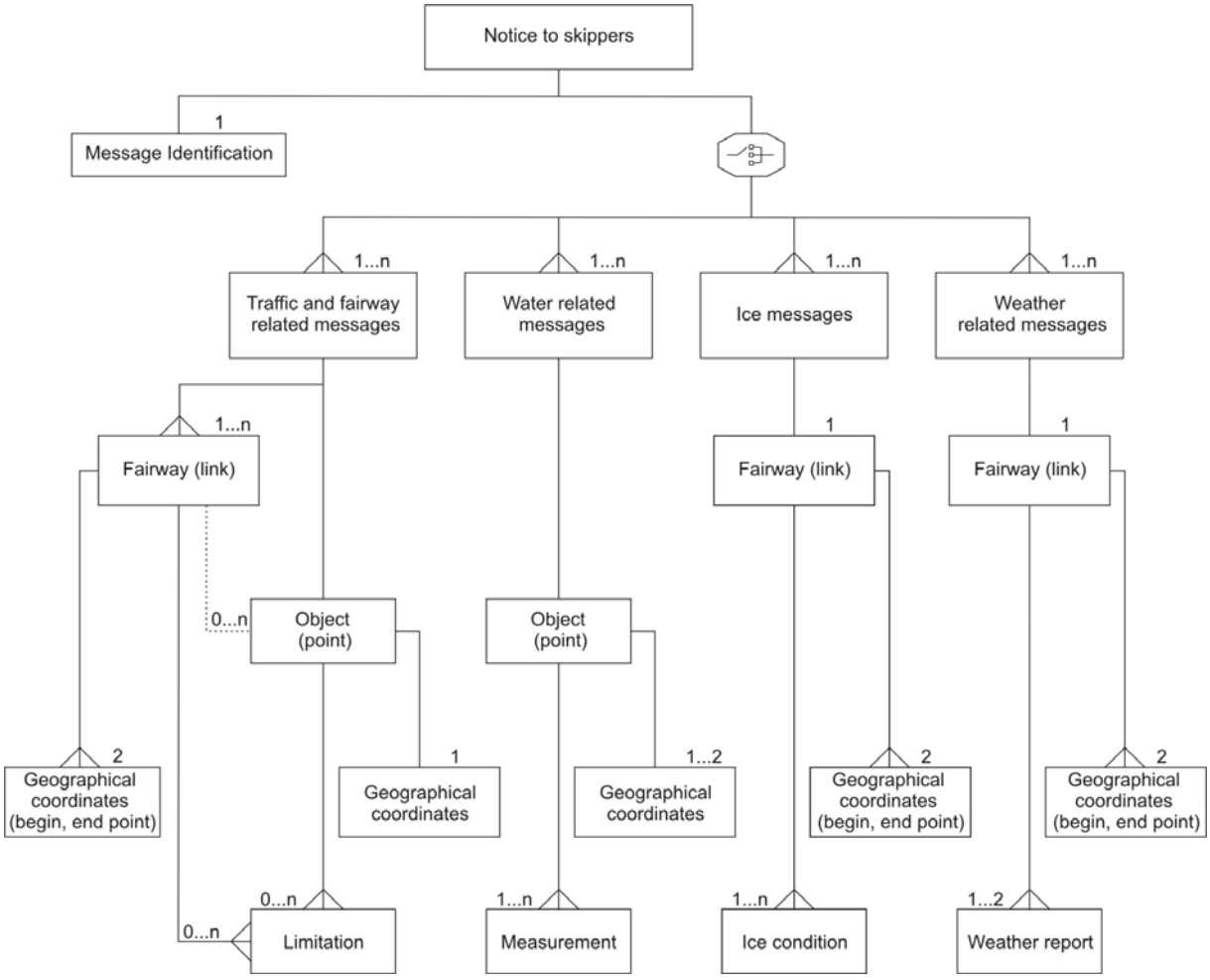


Figure 1: Notice to Skippers message structure

A standardized message in XML-format contains therefore 5 different sections:

- Message identification,
- Fairway and traffic related messages,
- Water level related messages,
- Ice messages,
- Weather messages.

Normally in one message only 2 sections will be filled: The identification section and at least **one** of the sections: fairway and traffic related message, water level related message, ice message or weather message (mix of sections, different type of message information is not allowed).

The fairway and traffic related section contains limitations for a fairway (link) or an object. The diagram also shows that a Notice to Skippers relates to a fairway **or** a geographical object (point). If the message is about an object the fairway section shall be filled with the related fairway information without the limitation section.

If a notice contains different limitations for different target groups or different communication information for different limitations, several fairway and traffic related sections with the same number can be used.

The Water level related message section contains measurements for an Object usually a tide gauge.

The Ice message section contains information about the ice conditions for a fairway (link).

The Weather message contains information about the weather conditions for a fairway (link).

7.2 Coding in XML-format

7.2.1 XML definition overview

This section gives an overview of the definition of the message coded in XML. Appendix D contains a complete definition for all the XML elements including the possible formats.

Table 1, XML message specification

Nr.	Tag (Group headers and closers are boldly printed)	Description	Mandatory Conditional	Rule applicable
	<?xml version="1.0" encoding="utf-8" ?>			
	<RIS_Message>	Notice to Skippers		
1s	**<identification>**	**Identification section**	M	1
1.1	<from>String</from>	Sender of the message	M	
1.2	<originator>Riza</originator>	Originator (initiator) of the information in this message	M	
1.3	<country_code>CH</country_code>	Country where message is valid	M	
1.4	<language_code>HU</language_code>	Original language used in the textual info. (contents)	M	
1.5	<district>WaddenZee</district>	District / Region within the specified country, where the message is applicable	C	
1.6	<date_issue>20011231<date_issue>	Date of editing	C	
1.7	<time_issue>1145<time_issue>	Time of editing	C	
1e	**</identification>**			
2s	**<ftm>**	**Fairway and traffic related section**	C	1
2.1	<year>2001</year>	Year of first issuing of the notice	M	
2.2	<number>9999</number>	Number of the notice (per year)	M	
2.3	<serial_number>99</serial_number>	Serial number of the notice (replacements and withdrawals). Original notice: 00	M	
2.4s	<target_group>	Target group information	C	
2.4.1	<target_group_code>ALL</target_group_code>	Target group (vessel type) for this message	M	Default: all
2.4.2	<direction_code>ALL</direction_code>	Upstream or downstream traffic, or both	M	Default:all
2.4e	</target_group>			
2.5	<subject_code>OBSTRU</subject_code>	Subject code	M	
2.6s	<validity_period>	Overall period of validity	M	
2.6.1	<date_start>20011231</date_start>	Start date of validity period	M	
2.6.2	<date_end>99999999</date_end>	End date of validity period (indefinite: 99999999)	M	
2.6e	</validity_period>			
2.7	<contents>String</contents>	Contents / notice text in original language	C	
2.8	<source>String</source>	Notice source (authority)	C	
2.9	<reason_code>REPAIR</reason_code>	Reason / justification of notice	C	
2.10s	<communication>	Communication channel information	C	
2.10.1	<reporting_code>INF</reporting_code>	Reporting regime (information or duty to report)	M	5
2.10.2	<communication_code>TEL</communication_code>	Communication code (telephone, VHF etc.)	M	5
2.10.3	<number>String</number>	Telephone, VHF number, e-mail address, URL or teletext	C	5
2.10e	</communication>			
2.11s	<fairway_section>	Fairway section, also available for objects (no. 2.12)	M	2
2.11.1s	<geo_object>	Geo information of fairway	M	
2.11.1.1	<id>String</id>	Unique id of the fairway section (1x or 2x)	M	
2.11.1.2	<name> String </name>	(Local) Name of the fairway section (f.e.: Rhine between bridge A and bridge B)	M	
2.11.1.3	<type_code>FWY</type_code>	Type of geographical object	M	Default: FWY
2.11.1.4s	<coordinate>	Fairway section begin and end coordinates (2x)	C	7
2.11.1.4.1	<lat>42 34.1234 N</lat>		M	5
2.11.1.4.2	<long>123 45.1234 E</long>		M	5
2.11.1.4e	</coordinate>			
2.11.1e	</geo_object>			
2.11.2s	<limitation>	Fairway section limitations	C	
2.11.2.1s	<limitation_period>	Limitation periods / intervals	C	
2.11.2.1.1	<date_start>20011231</date_start>	Start date of limitation period (overall)	M	5
2.11.2.1.2	<date_end>20011231</date_end>	End date of limitation period	C	
2.11.2.1.3	<time_start>1420</time_start>	Start time of limitation period	C	
2.11.2.1.4	<time_end>0500</time_end>	End time of limitation period	C	

Nr.	Tag (Group headers and closers are boldly printed)	Description	Mandatory Conditional	Rule applicable
2.11.2.1.5	<interval_code>SAT</interval_code>	Interval for limitation if applicable	C	
2.11.2.1.e	</limitation_period>			
2.11.2.2	<limitation_code>OBSTRU</limitation_code>	Kind of limitation	M	5
2.11.2.3	<position_code>AL</position_code>	Position, which side	M	5, default: AL
2.11.2.4	<value>3.14159</value>	Value of limitation (i.e. max draught)	C	
2.11.2.5	<reference_code>NAP</reference_code>	Value reference	C	
2.11.2.6	<indication_code>MAX</indication_code>	Indication of the type of value (select a code from the reference table)	C	
2.11.2e	</limitation>			
2.11.e	</fairway_section>			
2.12s	<object>	Object section ()	C	3
2.12.1s	<geo_object>	Geo Information of object	M	5
2.12.1.1.	<id>String</id>	Unique id of the geographical object	M	5
2.12.1.2	<name>String</name>	(Local) Name of the geographical object	M	5
2.12.1.3	<type_code>FWY</type_code>	Type of geographical object	M	5
2.12.1.4s	<coordinate>	Object coordinates (1x)	C	8
2.12.1.4.1	<lat>42 34.1234 N</lat>		M	5
2.12.1.4.2	<long>123 45.1234 E</long>		M	5
2.12.1.4e	</coordinate>			
2.12.1e	</geo_object>			
2.12.2s	<limitation>	Object limitation section	C	
2.12.2.1s	<limitation_period>	Limitation periods / intervals	C	
2.12.2.1.1	<date_start>20011231</date_start>	(see <fairway section>)	M	5
2.12.2.1.2	<date_end>20011231</date_end>		C	
2.12.2.1.3	<time_start>1420</time_start>		C	
2.12.2.1.4	<time_end>0500</time_end>		C	
2.12.2.1.5	<interval_code>SAT</interval_code>		C	
2.12.2.1e	</limitation_period>			
2.12.2.2	<limitation_code>OBSTRU</limitation_code>		M	5
2.12.2.3	<position_code>AL</position_code>		M	5, default: AL
2.12.2.4	<value>3.14159</value>		C	
2.12.2.5	<reference_code>NAP</reference_code>		C	
2.12.2.6	<indication_code>MAX</indication_code>		C	
2.12.2e	</limitation>			
2.12e	</object>			
2e	</ftm>			

3s	**<wrm>**	**Water level related section**	C	1
3.1s	<validity_period>	Overall period of validity of water level message	C	
3.1.1	<date_start>20011231</date_start>	Start date of validity period	M	5
3.1.2	<date_end>20011231</date_end>	End date of validity period	M	5
3.1e	</validity_period>			
3.2s	<geo_object>	Geo Information of measurement location, tide gauge	M	5
3.2.1	<id>String</id> (Waterway section)	Unique id of the geographical object	M	5
3.2.2	<name>String</name> (Pegelname)	(Local) Name of the geographical object	M	5
3.2.3	<type_code>FWY</type_code>	Type of geographical object	M	5, default: FWY
3.2.4s	<coordinate>	Object coordinates (1x or 2x)	C	9
3.2.4.1	<lat>42 34.1234 N</lat>		M	5
3.2.4.2	<long>123 45.1234 E</long>		M	5
3.2.4e	</coordinate>			
3.2.e	</geo_object>			
3.3	<reference_code>NAP</reference_code>	Value reference (measurement reference)	C	6
3.4s	<measure>	Measurements (normal or predicted values)	M	5
3.4.1	<predicted>1</predicted>	Predicted measurement (1) or real measurement (0)	M	5
3.4.2	<measure_code>DIS</measure_code>	Kind of water level related information	M	5
3.4.3	<value>314159</value>	Value	C	10

Nr.	Tag (Group headers and closers are boldly printed)	Description	Mandatory Conditional	Rule applicable
3.4.4	<difference>314159</difference>	Difference with previous measurement	C	
3.4.5	<barrage_code>OPD</barrage_code>	Barrage status	C	11
3.4.6	<regime_code>HIG</regime_code>	Regime applicable	C	12
3.4.7	<measuredate>20011231</measuredate>	Date of measurement	M	5
3.4.8	<measuretime>1420</measuretime>	Time of measurement	M	5
3.4e	</measure>			
3e	**</wrm>**			

4s	**<icem>**	**Ice related section**	C	1
4.1s	<validity_period>	Overall period of validity of ice information	C	
4.1.1	<date_start>20011231</date_start>	Start of validity period	M	5
4.1.2	<date_end>20011231</date_end>	End of validity period	M	5
4.1e	</validity_period>			
4.2s	<fairway_section>	Fairway	M	5
4.2.1	<geo_object>	Geo Information of fairway location	M	5
4.2.1.1	<id>String</id>	Unique id of the fairway section (1x or 2x)	M	5
4.2.1.2	<name>String</name>	(Local) Name of the fairway section	M	5
4.2.1.3	<type_code>FWY</type_code>	Type of geographical object	M	5, default: FWY
4.2.1.4	<coordinate>	Fairway section begin and end coordinates (2x)	C	7
4.2.1.4.1	<lat>42 34.1234 N</lat>		M	5
4.2.1.4.2	<long>123 45.1234 E</long>		M	5
4.2.1.4e	</coordinate>			
4.2.1e	</geo_object>			
4.2.2s	<limitation>	Fairway section limitations		not applicable
4.2.2e	</limitation>	Fairway section limitations		not applicable
4.2e	</fairway_section>			
4.3s	<ice_condition>	Ice conditions	M	5
4.3.1	<measuredate>20011231</measuredate>	Date of measurement	M	5
4.3.2	<measuretime>1420</measuretime>	Time of measurement	M	5
4.3.3	<ice_condition_code>A</ice_condition_code>	Condition code	C	4
4.3.4	<ice_accessibility_code>A</ice_accessibility_code>	Accessibility code	C	4
4.3.5	<ice_classification_code>A</ice_classification_code>	Classification code	C	4
4.3.6	<ice_situation_code>NOL</ice_situation_code>	Situation code	C	4
4.3e	</ice_condition>			
4e	</icem>			

5s	**<werm>**	**Weather related section**	C	1
5.1s	<validity_period>	Period of validity	M	5, 13
5.1.1	<date_start>20011231</date_start>	Start of validity period	M	
5.1.2	<date_end>20011231</date_end>	End of validity period (indefinite: 99999999)	M	
5.1e	</validity_period>			
5.2s	<fairway_section>	Fairway	M	5
5.2.1s	<geo_object>	Geo Information of fairway location	M	5
5.2.1.1	<id>String</id>	Unique id of the fairway section (1x or 2x)	M	5
5.2.1.2	<name>String</name>	(Local) Name of the fairway section	M	5
5.2.1.3s	<coordinate>	Fairway section begin and end co-ordinates (2x)	C	7
5.2.1.3.1	<lat>42 34.1234 N</lat>		M	5
5.2.1.3.2	<long>123 45.1234 E</long>		M	5
5.2.1.3e	</coordinate>			
5.2.1e	</geo_object>			
5.2e	</fairway_section>			
5.3s	<weather_report>	Weather Report (1x or 2x)	M	5
5.3.1	<forecast>0</forecast>	Actual (0) or Forecast (1) report	M	
5.3.2	<weather_class_code>ORAIN</weather_class_code>	Classification of weather report (0..Nx)	M	5, 14
5.3.3s	<weather_item>	Weather items (0..Nx)	C	5
5.3.3.1	<weather_item_code>WI</weather_item_code>	Weather item type (Wind, Wave etc)	M	5
5.3.3.2	<value_min>4</value_min>	Actual or Minimum value	M	
5.3.3.3	<value_max>5</value_max>	Maximum value	C	

Nr.	Tag (Group headers and closers are boldly printed)	Description	Mandatory Conditional	Rule applicable
5.3.3.4	<value_gusts>7</value_gusts>	Gusts value (Wind)	C	
5.3.3.5	<weather_category_code>2</weather_category_code>	Classification of wind report	C	
5.3.3.6	<direction_code_min>W</direction_code_min>	Direction of wind or wave	C	
5.3.3.7	<direction_code_max>N</direction_code_max>	Direction of wind or wave	C	
5.3.3e	</ weather_item >			
5.3e	</weather_report>			
5e	**</werm>**			
	</RIS_Message>			

Rules applicable to table 1:

1 In one message at least 2 sections have to be filled in:
- the identification section (1) and
- one of the sections:
  - Fairway and traffic related messages (2),
  - Water level related message (3),
  - Ice message (4),
  - Weather message (5).

2 Group 2.11 (fairway section) is also available for object related messages (no. 2.12).

3 Group 2.12 (objects) is not available for fairway related messages (no. 2.11).

4 In group 4.3, at least one of the conditional elements 4.3.3 to 4.3.6 have to be filled in.

5 If a conditional group contains mandatory subgroups or elements these are only mandatory if the group on the higher level is applied.

6 Only mandatory for water levels and vertical clearances.

7 A fairway section is defined by the begin and end coordinates (2 sets of coordinates).

8 An object is defined by the coordinates of its center point (1 set of coordinates).

9 A wrm geo_object has 2 sets of coordinates in case the type_code is FWY, otherwise only 1 set of coordinates is to be used.

10 Mandatory if measure_code is either "DIS", "VER", "LSD" or "WAL".

11 Mandatory if measure code is "BAR".

12 Mandatory if measure code = "REG".

13 Predictions for different periods require individual weather messages.

14 May contain combinations of weather_class_code tags.

7.2.2 Explanation of tags

The meaning of the different tags used in the XML definition is described on the page “Tags” of the reference tables for Notices to Skippers in Appendix C.

7.2.3 Explanation of codes

The meaning of the different codes used in the XML definition is described in the reference tables for Notices to Skippers in Appendix C.
The formats and possible values of all XML elements are described in the XML Scheme for Notices to Skippers in Appendix D.

- Notices to Skippers can be divided into two categories, namely URGENT and NOT URGENT. Urgent notices always contain a limitation for shipping traffic. There must therefore be one or more records in the **limitations** section. If there is no limitation section, the message is not urgent.
- Latitude and longitude coordinates are referred to WGS 84 and presented in degrees and minutes with at least three, but preferable four decimals (dd mm.mmmm N, ddd mm.mmmm E)
- Decimals in numeric fields are indicated with a (period). No thousand separators are used.
- Only cm, m^3/s, h, km/h, kW, Bft (wind), mm/h (rain) and degree Celsius are allowed to be used as units.
- For Waterways there is no Objects section. For Objects (bridges, etc.) the waterway section shall be included.
- The location code according to the Standard for Electronic Ship Reporting in Inland Navigation has to be used as unique ID.

7.2.3.1 Subject codes assigned to the Notices to Skippers

In the following, the meaning of and situations defined by the different subject codes are explained.

Blockage — In case, no form of navigation is possible:
- through all the lock chambers of a lock,
- through all the passages of a bridge,
- passing a specified point on the fairway,
- on a specified section of the fairway.

Partial obstruction — In case, limited navigation is possible:
- through one or more lock chambers of a lock, leaving at least one open,
- through one or more passages of a bridge, leaving at least one open,
- passing a specified point on the fairway, leaving a part of the fairway open.

Delay — In case, an obstruction occurs, limited in time, at a bridge, lock or on a section, between a specified start and end date.
For example: Delay of at most 2 hours on November 13 between 08:00 and 17:00.
Encoded:

date_start:	*20021113*
date_end:	*20021113*
time_start:	*0800*
time_end:	*1700*
limitation_code:	*Delay*
position_code:	*All*
value:	*2*

No service — In case a movable bridge is not operated during a specified period. This period should lie within the normal operating hours.
No service of a lock is an 'Obstruction' or 'Delay'.
No service of a movable bridge means that passing under the bridge still is possible. Otherwise it is an 'Obstruction'.

Change Service — In case a modification in the normal operating hours occurs at a lock or a bridge.
Normally this means a limitation of the operating hours, due to work, rather than an increase.
A limitation in the operating hours of a lock usually implies an obstruction.
For example if a lock normally is operated between 06:00 and 20:00, and the operating hours are now limited to between 10:00 and 14:00, then this will result in an obstruction between 06:00 and 10:00 and another obstruction between 14:00 and 20:00.
A limitation in the operating hours of a bridge usually implies 'No Service'.

Vessel length — In case somewhere a smaller maximum length for passing vessels is allowed / possible.
Usually this occurs at a lock (half lock chamber).

Clearance width — In case somewhere a smaller maximum width for passing vessels is available.
This occurs during work on a lock / bridge.
This subject is also used if the available width of the fairway is less, even if this has no influence on the maximum available width of the waterway.

Vessel air draught — In case somewhere a smaller maximum height for passing vessels is allowed.

Clearance height — This occurs also if the vertical clearance is locally decreased by for example painting equipment.

Vessel draught	In case somewhere a smaller maximum draught for passing vessels is allowed.
Available depth	In case the least sounded depth is modified. This has no impact on the maximum draught.
No mooring	In case somewhere on the fairway mooring is not allowed.
Change of marks	In case a change occurs in the fairway marks used for navigational purposes, such as buoys, beacons, sector lights, notice marks, etc.
Work	Other activities on or near the fairway which do not fall within the mentioned subjects.
Dredging	Dredging activities for which none of the other mentioned subjects are valid.
Exercises	Exercises for which none of the other mentioned subjects are valid.
Event	Events (rowing competitions, fireworks etc.) where none of the other mentioned subjects are valid.
Announcement	All other notices where none of the other (structured) subjects are valid.
Notice withdrawn	The message has to be published as a serial number of the original message.

If for one single message more subjects are possible, then the limitation with the greatest impact on shipping traffic is selected.

7.2.3.2 Explanation of ice codes

The meaning of the ice codes used in the XML definition is described in the reference tables of Notices to Skippers in Appendix C.

The thickness indicated in column 2 of the ice_condition_code gives information on average thickness only. The description has to be used to select the code for a specific situation.

7.2.3.3 Encoding of limitation periods

The limitation period has to be encoded by

- date_start
- date_end
- time_start
- time_end
- interval_code.

As the limitation period is very important for voyage planning, limitation periods have to be encoded in accordance with the following examples:

Limitation period	date_start	date_end	time_start	time_end	Interval_code
2005-01-01, 07:00 to 2005-01-31, 20:00	20050101	20050131	0700	2000	Continous (C)
2005-01-01 to 2005-01-31, each day from 07:00 to 20:00	20050101	20050131	0700	2000	Daily (M)
2005-01-01 to 2005-01-31, every working day (Monday to Friday) from 07:00 to 20:00	20050101	20050131	0700	2000	Monday to Friday (M)
2005-01-01 to 2005-01-21, each week from Monday 07:00 to Friday 20:00	20050103	20050107	0700	2000	Continous (C)
	20050110	20050114	0700	2000	Continous (C)
	20050117	20050121	0700	2000	Continous (C)
2005-01-01 to 2005-01-31, each day from 07:00 to 20:00 with the exception of 2005-01-06	20050101	20050131	0700	2000	Daily (M)
	20050106	20050106			With the exception of (M)

Appendix A: Specifications of examples for the implementation of the Notices to Skippers Standard

Example for the presentation of a Notice to Skippers

> In the following example the text mask is given in plain text, the content of the message with grey underlay. Sections, which are not obligatory, are in square brackets.

Notice to Skippers

A new Notice to Skippers of via-donau is available for [the Donau waterway in] Austria in the original language German, which has been compiled by BMVIT, Schifffahrtspolizei [on 10 June 2003 at 11:10]:

The fairway and traffic related message no 89/00 in the year 2003, [published by the Strom- und Hafenaufsicht Hainburg] concerning dredging [caused by siltation] is valid between 7 October 2003 and 25 October 2003 [for all vessels in all directions].

[Additional information is provided via internet, www.via-donau.org.] *or*

[There exists an additional duty to report via VHF channel 16.]

[On workdays from 7 October 2003 until 25 October 2003 between 06:00 o'clock and 19:00 o'clock] following limitation is valid for the waterway Donau, Furt Orth, km 1902,000 to 1902,600: available depth [210 cm referred to low water level Danube Commission] along the left side of the fairway.

[[On workdays from 7 October 2003 until 25 October 2003 between 06:00 o'clock and 19:00 o'clock] following limitation is valid for the lock Greifenstein, km 1950,000: available length [200 cm referred to equivalent low water level] along the left side of the fairway.]
Additional text in national language: [xxxx]

Water level related message

This message is valid for the gauge Kienstock [between 10 June 2003 and 11 June 2003].

All values are referred to the zero point of gauge.

The measured value for the water level on 10 June 2003 at 10:00 o´clock was 197 cm.

[The difference to the last measured value is +15 cm]. [At the moment the barrage is closed] and [navigation faces normal regime.]

[According to the forecast the water level on 11 June 2003 at 12:00 o´clock will be 205 cm].

Ice related message

This message is valid for the waterway Danube [between 3 December 2003 and 5 December 2003].

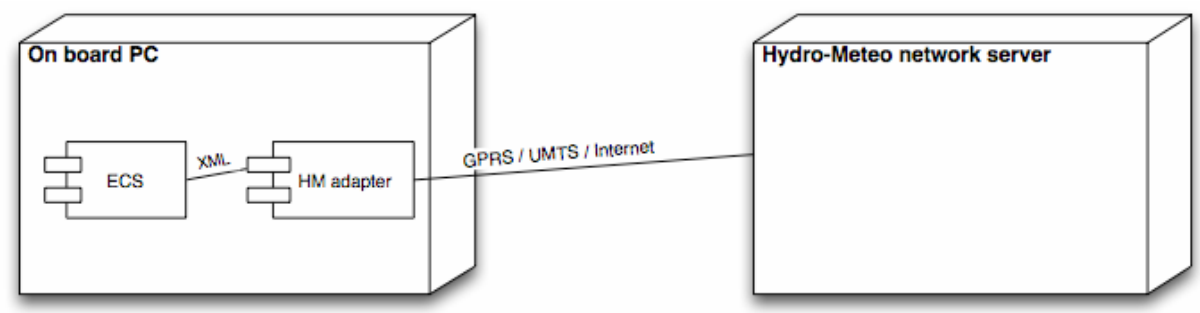
On 3 December 2003 at 0:00 o´clock navigation faced [light floating ice] [Navigation is normal.] [The section is navigable] [and skippers face no limitation.]

Appendix B: Interface Design Specification Online Hydro-Meteo Information

The following proposal describes a standard for the interface between online hydro-meteo networks and on-board applications based on the experience that was gathered with Hymedis. The interface is based on XML using sockets.

B.1 Interface identification

A local adapter (HM adapter) is installed on the on-board PC to allow the on-board applications to communicate with the hydro-meteo networks. This adapter allows to deal with network specific issues like initiating GPRS connections, dual modems to avoid roaming, etc.). This document describes the interface in between external applications like an ECS and the HM adapter.



B.2 Data

The external application (e.g. an ECS) can request the following data entities:
Hydro-meteo measurements per parameter/ location combination with the following elements:

Element	Explanation
creationTime	Time of the actual measurement
value	Actual measurement
location	Location of measurements. Selection from pre-defined list of locations.
parameter	The measured parameter, e.g. 10 minutes average wave height, current speed, 1 minute water level, etc.
trend	Indicates if value is increasing, decreasing or constant.

Hydro-meteo predictions per parameter/ location combination with the following elements:

Element	Explanation
creationTime	Time of drafting the prediction
value	Predicted value
location	Location of predicted value. Selection from pre-defined list of locations.
parameter	The predicted parameter, e.g. wave height, current speed, next HW, etc.
timeOfprediction	Time when prediction is valid

Text messages with the following elements:

Element	Explanation
creationTime	Time of drafting the text message
type	Type of text message (e.g. meteo or announcement)
id	Free text field for limited information about the text message (e.g. sender, area of validity)
text	The content of the message
uniqueId	Unique identification number of message

B.3 Protocol

B.3.1 Communication

Communications is via sockets.

B.3.1.1 Startup sequence

The external applications themselves have to take care of starting the HM adapter. The adapter listens on a specified port (port 16300)

B.3.1.2 Work sequence

After the adapter has been started it can be addressed via a socket (port 16300). When a connection has been made it will automatically shut down after a certain period of inactivity. Each request may build a separate socket connection, but also more than one request may be send over the same connection. Communication is synchronous (request/ reply sequences). However the adapter may be addressed via different channels.

B.3.1.3 Shutdown sequence

The adapter shuts down automatically after a certain period of inactivity. The external applications will have to restart the adapter and log-on/ subscribe again.

B.3.2 Application

A session based XML protocol is foreseen on application level. This protocol is stateful in such way that the external application needs to state which location/ parameters it requires (the selection) only once after which it can request the measurement values in the stated combinations.

Following is an overview of a typical interaction with the HM adapter:

: Client		: HM Adaptor
	logon(userId, pwd, “v1”)	>
	getDataLimit(sessionId)	>
	subscribe(sessionId, param/loc combinatie)	>
	poll(sessionId)	>
	removeTextMessages(sessionId, textMessageIds)	>
	logoff(sessionId)	>
	ping(sessionId)	>

B.3.2.1 Session support

The protocol can be kept simple when sessions are supported on the Hydro-meteo network side. A session time-out on the server side and sending a <InvalidSession> error message will limit demand on resources. External applications might re-initiate a session using the initial log-on information.

B.3.2.2 XML format

The external application always has to send a ‘request’ XML message. A request message contains an action specification. Possible actions are:

Action	Explanation
<logon>	Logs the user on and starts a session. This is always the first action.
<logoff>	Closes the session and frees resources.
<subscribe>	Indicates which parameter/ location combinations of measurements or predictions are requested.
<poll>	Downloads the earlier made selection. Needs to be preceded by a <subscribe> action.
<removeMessages>	Removes one or more text messages from the Inbox of the logged-on user.
<getDataLimit>	Indicates the maximum number of parameter/ location combinations that can be subscribed to. This may be limited centrally to limit the mobile communication. Typically requested after logon.
<ping>	Can be used to check if the adapter is still active. A ping action involves the adapter only. There is no communication with the hydro-meteo server.

After a request message the adapter returns a ‘reply’ XML message. This message will contain the requested data and possibly an errorReport. The action was successful if no errorReport is received.
Request documents may be UTF-8 encoded. The reply messages, however, are ISO-8859-1 (Latin-1) encoded to allow for special characters in the text messages.
Following is an overview of all possible request/ reply combinations with the required parameters and possible errors.

B.3.2.3 Logon

This is the first action that has to happen. It results in logging on of the user and the start of a session.

B.3.2.3.1 Overview

Request	<logon>	
Parameters	<userid>	User name as known on the server side
	<passwd>	Password as known on the server side
	<client>	Protocol version
Reply	<sessionId>	Unique session identification, that needs to accompany the resulting communication
Errors	InvalidLogon	Logon failed
	SystemException	System failure
	InvalidStructure	XML erroneous

B.3.2.3.2 Example

Request	<?xml version="1.0" encoding="UTF-8" ?> <request> <logon> <userId>demoUser</userId> <passwd>secretPassword</passwd> <client>v1</client> </logon> </request>
Reply	<?xml version="1.0" encoding="ISO-8859-1"?> <reply> <sessionId>1063098108596:0</sessionId> </reply> <?xml version="1.0" encoding="ISO-8859-1"?> <reply> <errorReport> <error> <code>InvalidLogon</code> <fieldName/> <fieldValue>Uw userId and password combination incorrect.</fieldValue> </error> </errorReport> </reply>

B.3.2.3 Schemes

Request	Appendix: Request XML scheme
Reply	<?xml version="1.0" encoding="UTF-8"?> <xsd:schema xmlns:xsd="http://www.w3.org/2000/10/XMLSchema"> <xsd:element name="reply"> <xsd:complexType> <xsd:choice> <xsd:sequence> <xsd:element name="errorReport"> <xsd:complexType> <xsd:sequence> <xsd:element name="error" minOccurs="1" maxOccurs="unbounded"> <xsd:complexType> <xsd:sequence> <xsd:element name="code" type="xsd:string"/> <xsd:element name="fieldName" type="xsd:string"/> <xsd:element name="fieldValue" type="xsd:string"/> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> <xsd:sequence> <xsd:element name="sessionId" type="xsd:string"/> </xsd:sequence> </xsd:choice> </xsd:complexType> </xsd:element> </xsd:schema>

B.3.2.4 Logoff

This is the last action that has to happen. It results in logging off of the user and freeing of resources.

B.3.2.4.1 Overview

Request	<logoff>	
Parameters	<sessionId>	Identification of session that can be terminated
Reply		No data is returned (unless errors)
Errors	InvalidSession	Session unknown
	SystemException	System error
	InvalidStructure	XML erroneous

B.3.2.4.2 Example

Request	<?xml version="1.0" encoding="UTF-8"?> <request> <logoff> <sessionId>1063099995399:3</sessionId> </logoff> </request>
Reply	<?xml version="1.0" encoding="ISO-8859-1"?> <reply/> <?xml version="1.0" encoding="ISO-8859-1"?> <reply> <errorReport> <error> <code>InvalidSession</code> <fieldName/> <fieldValue>Invalid Session: 1063099995399:3</fieldValue> </error> </errorReport> </reply>

B.3.2.4.3 Schemes

Request	Appendix: Request XML scheme
Reply	<?xml version="1.0" encoding="UTF-8"?> <xsd:schema xmlns:xsd="http://www.w3.org/2000/10/XMLSchema"> <xsd:element name="reply"> <xsd:complexType> <xsd:choice> <xsd:sequence> <xsd:element name="errorReport"> <xsd:complexType> <xsd:sequence> <xsd:element name="error" minOccurs="1" maxOccurs="unbounded"> <xsd:complexType> <xsd:sequence> <xsd:element name="code" type="xsd:string"/> <xsd:element name="fieldName" type="xsd:string"/> <xsd:element name="fieldValue" type="xsd:string"/> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> <xsd:sequence/> </xsd:choice> </xsd:complexType> </xsd:element> </xsd:schema>

B.3.2.5 GetDataLimit

This last action requests the upper limit of the number of parameter/ location combination that may be requested. This limit will be the same throughout the session. The action typically takes place directly after logon and before subscribe to allow the external application to validate the limit in it's own user interface.

B.3.2.5.1 Overview

Request	<getDataLimit>	
Parameters	<sessionId>	Identification of active session
Reply	<dataLimit>	Maximum number of parameter/ location combination that may be requested
	<sessionId>	ID of active session
Errors	InvalidSession	Session unknown
	SystemException	System error
	InvalidStructure	XML erroneous

B.3.2.5.2 Example

Request	`<?xml version="1.0" encoding="UTF-8"?>`
	`<request>`
	`  <getDataLimit>`
	`  <sessionId>1063100642910:3</sessionId>`
	`  </getDataLimit>`
	`</request>`

Reply	`<?xml version="1.0" encoding="ISO-8859-1"?>`
	`<reply>`
	`  <dataLimit>500</dataLimit>`
	`  <sessionId>1063100642910:3</sessionId>`
	`</reply>`
	
	`<?xml version="1.0" encoding="ISO-8859-1"?>`
	`<reply>`
	`  <errorReport>`
	`  <error>`
	`  <code>InvalidSession</code>`
	`  <fieldName/>`
	`  <fieldValue>Invalid Session: 1063100642910:4</fieldValue>`
	`  </error>`
	`  </errorReport>`
	`</reply>`

B.3.2.5.3 Schemes

Request	Appendix: Request XML scheme
Reply	<?xml version="1.0" encoding="UTF-8"?> <xsd:schema xmlns:xsd="http://www.w3.org/2000/10/XMLSchema"> <xsd:element name="reply"> <xsd:complexType> <xsd:choice> <xsd:sequence> <xsd:element name="errorReport"> <xsd:complexType> <xsd:sequence> <xsd:element name="error" maxOccurs="unbounded"> <xsd:complexType> <xsd:sequence> <xsd:element name="code" type="xsd:string"/> <xsd:element name="fieldName" type="xsd:string"/> <xsd:element name="fieldValue" type="xsd:string"/> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> <xsd:sequence> <xsd:element name="dataLimit" type="xsd:string"/> <xsd:element name="sessionId" type="xsd:string"/> </xsd:sequence> </xsd:choice> </xsd:complexType> </xsd:element> </xsd:schema>

B.3.2.6 Subscribe

This action decides which parameter/ location combination will be requested by the subsequent poll actions. This is a separate action in order to avoid having to resend this information with each poll.

B.3.2.6.1 Overview

Request	<subscribe>	
Parameters	<sessionId>	ID of active session
	<location> <parameters>	The combinations of location/ parameter for which information is requested by the next poll.
Reply	<measurement>	Measurament information for the requested location/ parameter
	<predictions>	Prediction information for the requested location/ parameter
	<textMessages>	Text messages if available in the inbox of the active user
Errors	InvalidSession	Session unknown
	SystemException	System error
	InvalidStructure	XML erroneous
	InvalidLocation	Unknown location
	InvalidParameter	Unknown parameter or unknown location/ parameter combination
	DataLimitOverflow	Too many location/ parameter combinations requested

B.3.2.6.2 Example

Request

```
<?xml version="1.0" encoding="UTF-8"?>
<request>
      <subscribe>
            <sessionId>1063101447888:5</sessionId>
            <locations>
                  <location>
                        <name>BVH</name>
                        <parameters>
                              <parameter>WH1</parameter>
                        </parameters>
                  </location>
            </locations>
      </subscribe>
</request>
```

Reply

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<reply>
   <measurements>
      <measurement>
            <creationTime>2003-09-09T09:55:00Z</creationTime>
            <value>29.56051636</value>
            <location>BVH</location>
            <parameter>WH1</parameter>
            <isCalculated>false</isCalculated>
            <trend>Up</trend>
      </measurement>
   </measurements>
   <textMessages>
      <textMessage>
            <creationTime>2003-09-09T06:25:35Z</creationTime>
            <type>meteo</type>
            <id/>
            <uniqueId>8ae425e4-b806-1004-8f73-
ec007d29820</uniqueId>
            <text>Kwintebank N 4 a 5 krimpend naar WNW vanavond.
Golven tussen 75 cm en 1 m.</text>
      </textMessage>
      <textMessage>
            <creationTime>2003-09-09T04:45:42Z</creationTime>
            <type>melding</type>
            <id>HM01 ZEGE</id>
            <uniqueId>679d1d5c-b806-1004-8f73-
2ec007d29820</uniqueId>
            <text>Direktie Zeeland    RMI meetnet "ZEGE" Datum:
20030909   Tijd: 05:44:31-MET De volgende storingen staan uit:
...</text>
      </textMessage>
   </textMessages>
</reply>

<?xml version="1.0" encoding="ISO-8859-1"?>
<reply>
   <errorReport>
      <error>
            <code>InvalidLocation</code>
            <fieldName/>
            <fieldValue>Ongeldige   locatie   [Ongeldige   locatie
[BVHK]]      (Ongeldige      locatie      [Ongeldige      locatie
[BVHK]])</fieldValue>
      </error>
   </errorReport>
</reply>
```

B.3.2.6.3 Schemes

Request	Appendix: Request XML scheme
Reply	<?xml version="1.0"?> <xsd:schema xmlns:xsd="http://www.w3.org/2000/10/XMLSchema"> <xsd:element name="reply"> <xsd:complexType> <xsd:choice> <xsd:sequence> <xsd:element name="errorReport"> <xsd:complexType> <xsd:sequence> <xsd:element name="error" maxOccurs="unbounded"> <xsd:complexType> <xsd:sequence> <xsd:element name="code" type="xsd:string"/> <xsd:element name="fieldName" type="xsd:string"/> <xsd:element name="fieldValue" type="xsd:string"/> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> <xsd:sequence> <xsd:element name="measurements"> <xsd:complexType> <xsd:sequence> <xsd:element name="measurement"> <xsd:complexType> <xsd:sequence> <xsd:element name="creationTime" type="xsd:dateTime"/> <xsd:element name="value" type="xsd:string"/> <xsd:element name="location" type="xsd:string"/> <xsd:element name="parameter" type="xsd:string"/> <xsd:element name="isCalculated" type="xsd:string"/> <xsd:element name="trend" type="xsd:string"/> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> <xsd:element name="predictions"> <xsd:complexType> <xsd:sequence> <xsd:element name="prediction"> <xsd:complexType> <xsd:sequence> <xsd:element name="creationTime" type="xsd:dateTime"/> <xsd:element name="value" type="xsd:string"/> <xsd:element name="location" type="xsd:string"/> <xsd:element name="parameter" type="xsd:string"/> <xsd:element name="timeOfPrediction" type="xsd:dateTime"/> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> <xsd:element name="textMessages"> <xsd:complexType> <xsd:sequence> <xsd:element name="textMessage"> <xsd:complexType> <xsd:sequence> <xsd:element name="creationTime" type="xsd:dateTime"/> <xsd:element name="type" type="xsd:string"/> <xsd:element name="id" type="xsd:string"/>

	<xsd:element name="uniqueId" type="xsd:string"/> <xsd:element name="text" type="xsd:string"/> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> </xsd:choice> </xsd:complexType> </xsd:element> </xsd:schema>

B.3.2.7 Poll

This action requests the values of the subscribed parameter/ location combinations from the hydro-meteo server.

B.3.2.7.1 Overview

Request	<poll>	
Parameters	<sessionId>	ID of active session
Reply	<measurement>	Measurament information for the requested location/ parameter
	<predictions>	Prediction information for the requested location/ parameter
	<textMessages>	Text messages if available in the inbox of the active user
Errors	InvalidSession	Session unknown
	SystemException	System error
	InvalidStructure	XML erroneous

B.3.2.7.2 Example

Request	<?xml version="1.0" encoding="UTF-8"?> <request> <subscribe> <sessionId>1063101447888:5</sessionId> <locations> <location> <name>BVH</name> <parameters> <parameter>WH1</parameter> </parameters> </location> </locations> </subscribe> </request>
Reply	<?xml version="1.0" encoding="ISO-8859-1"?> <reply> <measurements> <measurement> <creationTime>2003-09-09T10:18:00Z</creationTime> <value>72.42694092</value> <location>BVH</location> <parameter>WH1</parameter> <isCalculated>false</isCalculated> <trend>Up</trend> </measurement> </measurements> </reply> <?xml version="1.0" encoding="ISO-8859-1"?> <reply> <errorReport> <error> <code>InvalidSession</code> <fieldName/> <fieldValue>Invalid Session: 1063100642910:3</fieldValue> </error> </errorReport> </reply>

B.3.2.7.3 Schemes

Request	Appendix: Request XML scheme
Reply	See ‘Subscribe’

B.3.2.7.4 Remark

The adapter will return a SystemException to a ‘poll’ that was not preceded by a ‘subscribe’.

B.3.2.8 RemoveMessages

This action will remove the stated text messages from the user’s inbox.

B.3.2.8.1 Overview

Request	< RemoveMessages>	
Parameters	<sessionId>	ID of active session
	<textMessages>	The text messages that should be removed
Reply		
Errors	InvalidSession	Session unknown
	SystemException	System error
	InvalidStructure	XML erroneous

B.3.2.8.2 Example

Request	<?xml version="1.0" encoding="UTF-8"?> <request> <removeMessages> <sessionId>1063103220016:7</sessionId> <textMessages> <textMessage> <uniqueId>618394e4-b7fe-1004-8043-f5d3a441a1d9</uniqueId> </textMessage> </textMessages> </removeMessages> </request>
Reply	<?xml version="1.0" encoding="ISO-8859-1"?> </reply>

B.3.2.8.3 Schemes

Request	Appendix: Request XML scheme
Reply	<?xml version="1.0" encoding="UTF-8"?> <xsd:schema xmlns:xsd="http://www.w3.org/2000/10/XMLSchema"> <xsd:element name="reply"> <xsd:complexType> <xsd:choice> <xsd:sequence> <xsd:element name="errorReport"> <xsd:complexType> <xsd:sequence> <xsd:element name="error" minOccurs="1" maxOccurs="unbounded"> <xsd:complexType> <xsd:sequence> <xsd:element name="code" type="xsd:string"/> <xsd:element name="fieldName" type="xsd:string"/> <xsd:element name="fieldValue" type="xsd:string"/> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> <xsd:sequence/> </xsd:choice> </xsd:complexType> </xsd:element> </xsd:schema>

B.3.2.9 Ping

This action checks if the adapter is still active.

B.3.2.9.1 Overview

Request	< ping>	
Parameters	<sessionId>	ID of active session
Reply	<sessionId>	Session ID if this was a known session
Errors		

B.3.2.9.2 Example

Request	<?xml version="1.0" encoding="UTF-8"?> <request> <ping> <sessionId>1063103690803:8</sessionId> </ping> </request>
Reply	<?xml version="1.0" encoding="ISO-8859-1"?> <reply> <sessionId>1063103690803:8</sessionId> </reply> <?xml version="1.0" encoding="ISO-8859-1"?> <reply />

B.3.2.9.3 Schemes

Request	Appendix: Request XML scheme
Reply	<?xml version="1.0" encoding="UTF-8"?> <xsd:schema xmlns:xsd="http://www.w3.org/2000/10/XMLSchema" elementFormDefault="qualified"> <xsd:element name="reply"> <xsd:complexType> <xsd:sequence> <xsd:element name="sessionId" type="xsd:string" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:schema>

B.3.2.9.4 Remark

The ping only indicates if the adapter is ready to receive and answer requests, but provides no information about the connection to the hydro-meteo server.

B.4 Installation adapter

B.4.1 Procedure

Installs the HM adapter with the following directory structure:

~\HM_adapter\

- jre — contains the java runtime and rs232 libraries
- adapter\
  - lib — contains the necessary java jar's needed by the adapter
  - config — contains the configuration files of the adapter
  - logs — location where log files will be saved

B.4.1.1 Configuration

The main configuration file is pollingConfig.xml:

maxConnect, MaxDisconnect	Time limit for establishing and disconnecting of a PPP connection
listenPort	TCP port which socket will be called
GZip	Activation of compression of input and output
maxIdleTimeMinute	Time period after which the adapter will shut down failing a request
Version	Version of the configuration. If lower than the version on the server, new settings will be send automatically
MaxRetries	Maximum number of PPP attempts to connect to the server.
Log4j	'config' file and 'refreshInterval' settings for log4j
PppConfig	Name of the PPP command file
EndPoint	The URL of the server
EndPointTimeOut	Time limit of request to the server

The pppConfig.xml file contains the communication ports to connect to the hydro-meteo server.

Each pppConnecton tag defines a command that opens or closes a port to the outside world. LAN does not require a command since it is always there. The adapter will try to open the ports one by one to send it's data. If it is not successful it will close the port and open the next one.

B.5 Appendix: Request XML scheme

```
<?xml version="1.0"?>
<xsd:schema xmlns:xsd="http://www.w3.org/2000/10/XMLSchema">

  <xsd:element name="request">
    <xsd:complexType>
      <xsd:choice>
        <xsd:element name="logon" maxOccurs="1">
          <xsd:complexType>
            <xsd:sequence>
              <xsd:element     name="userId"     type="xsd:string"     maxOccurs="1"
minOccurs="1"/>
              <xsd:element     name="passwd"     type="xsd:string"     maxOccurs="1"
minOccurs="1"/>
              <xsd:element     name="client"     type="xsd:string"     maxOccurs="1"
minOccurs="1"/>
            </xsd:sequence>
          </xsd:complexType>
        </xsd:element>
        <xsd:element name="getDataLimit" maxOccurs="1">
          <xsd:complexType>
            <xsd:sequence>
              <xsd:element    name="sessionId"    type="xsd:string"    maxOccurs="1"
minOccurs="1"/>
            </xsd:sequence>
          </xsd:complexType>
        </xsd:element>
        <xsd:element name="subscribe" maxOccurs="1">
          <xsd:complexType>
            <xsd:sequence>
              <xsd:element    name="sessionId"    type="xsd:string"    maxOccurs="1"
minOccurs="1"/>
              <xsd:element name="locations" maxOccurs="1">
                <xsd:complexType>
                  <xsd:sequence>
                    <xsd:element name="location">
                      <xsd:complexType>
                        <xsd:sequence>
                          <xsd:element  name="name"  type="xsd:string"  maxOccurs="1"
minOccurs="1"/>
                          <xsd:element name="parameters">
                            <xsd:complexType>
                              <xsd:sequence>
                                <xsd:element name="parameter" type="xsd:string"/>
                              </xsd:sequence>
                            </xsd:complexType>
                          </xsd:element>
                        </xsd:sequence>
                      </xsd:complexType>
                    </xsd:element>
                  </xsd:sequence>
                </xsd:complexType>
              </xsd:element>
            </xsd:sequence>
          </xsd:complexType>
        </xsd:element>
        <xsd:element name="removeMessages" maxOccurs="1">
          <xsd:complexType>
            <xsd:sequence>
              <xsd:element    name="sessionId"    type="xsd:string"    maxOccurs="1"
minOccurs="1"/>
              <xsd:element name="textMessages">
                <xsd:complexType>
                  <xsd:sequence>
                    <xsd:element name="textMessage">
                      <xsd:complexType>
                        <xsd:sequence>
                          <xsd:element name="uniqueId" type="xsd:string"/>
                        </xsd:sequence>
                      </xsd:complexType>
                    </xsd:element>
                  </xsd:sequence>
                </xsd:complexType>
              </xsd:element>
```

```
            </xsd:sequence>
          </xsd:complexType>
        </xsd:element>
        <xsd:element name="logoff" maxOccurs="1">
          <xsd:complexType>
            <xsd:sequence>
              <xsd:element    name="sessionId"    type="xsd:string"    maxOccurs="1"
minOccurs="1"/>
            </xsd:sequence>
          </xsd:complexType>
        </xsd:element>
        <xsd:element name="ping" maxOccurs="1">
          <xsd:complexType>
            <xsd:sequence>
              <xsd:element    name="sessionId"    type="xsd:string"    maxOccurs="1"
minOccurs="1"/>
            </xsd:sequence>
          </xsd:complexType>
        </xsd:element>
      </xsd:choice>
    </xsd:complexType>
  </xsd:element>
</xsd:schema>
```

XML Tag	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)
RIS_message	RIS message	RIS (РИС) съобщение	Zpráva RIS	RIS-meddelelse	RIS Nachricht	Μήνυμα RIS(Σύστ. Πληρ. Εσ. Ναυσ.)	Mensaje RIS	RIS teade	RIS-sanoma	Message RIS	RIS üzenet	messaggio RIS	RIS pranešimas
Identification	(Identification section)	Идентификационен раздел	Identifikační úsek	Identifikationsrubrik	(Identifikationsabschnitt)	(Τμήμα αναγνώρισης)	(Identificación sección)	(Identifitseerimise jaotis)	(Tunnisteosio)	(Identification)	(Azonosítási szakasz)	(identificazione del tratto)	(Identifikavimas)
From	Sender of the message	Подател	Odesilatel	Afsender	Absender	Αποστολέας του μηνύματος	Remitente	Teate saatja	Sanoman lähettäjä	Expéditeur du message	Az üzenet feladója	mittente del messaggio	Pranešimo siuntėjas
Originator	Originator of the information	Автор на информацията	Autor zprávy	Informationskilde	Urheber der Nachricht	Προέλευση των πληροφοριών	Origen de la información	Teavitaja	Tiedon lähde	Auteur des informations	Az információ forrása	origine dell'informazione	Informacijos pateikėjas
Country_code	Country where message is valid	Държава, в която е валидно съобщението	Dotčená země	Berørt land	Betroffenes Land	Χώρα ισχύος του μηνύματος	País en que el mensaje es válido	Riik, kus teade kehtib	Maa josta sanoma koskee	Pays dans lequel le message est valable	Az ország, amelyben az üzenet érvényes	Stato interessato	Šalis, kurioje galioja pranešimas
Language_code	Original language	Оригинален език	Originální jazyk	Originalsprog	Originalsprache	Πρωτότυπη γλώσσα	Lengua original	Algkeel	Alkuperäkieli	Langue d'origine	Eredeti nyelv	lingua originale	Originalo kalba
District	District/region within country	Регион от държавата	Dotčená oblast v zemi	Berørt region/område	Betroffenes Gebiet im Land	Περιοχή/περιφέρεια χώρας	Región del país	Riigi piirkond	Kyseinen alue maassa	Région	Az országon belüli terület/ régió	area/regione interessata	Rajonas/regionas šalyje
date_issue	Date of issue	Дата на издаване	Datum vydání	Offentliggørelsesdato	Herausgabedatum	Ημερομηνία έκδοσης	Fecha de emisión	Väljaandmise kuupäev	Antamispäivä	Date de publication	Kiadás dátuma	data di emissione	Išdavimo data
time_issue	Time of issue	Час на издаване	Čas vydání	Offentliggørelsestidsp.	Herausgabezeit	Ώρα έκδοσης	Hora de emisión	Väljaandmise kellaaeg	Antamisaika	Heure de publication	Kiadás ideje	orario di emissione	Išdavimo laikas
ftm	Fairway and traffic related message	Известие да корабоплавателя	Zpráva týkající se vodních cest a provozu	Farvands- og trafikrelaterede meddelelser	Wasserstraßen- und verkehrsbezogene Nachricht	Μήνυμα σχετικά με δίαυλο και κυκλοφορία	Mensaje sobre vía navegable y tráfico	Teated faaravaatri ja liikluse kohta	Väylää tai liikennettä koskeva sanoma	Avis à la batellerie	Hajósoknak szóló hirdetmény	messaggio relativo a canale navigabile e traffico	Su farvateriu ir laivų eismu susijęs pranešimas
Year	Year	Година	Rok	År	Jahr	Έτος	Año	Aasta	Vuosi	Année	Év		Metai
Number	Number (of the notice)	Номер	Číslo (vydání)	(Meddelelsens) nr.	Nummer (der Nachricht)	Αριθμός (μηνύματος)	Número (del aviso)	(Teatise) number	(Ilmoituksen) numero	Numéro (de l'avis)	(A hirdetmény száma)	anno	Numeris (pranešimo)
Serial_number	Serialnumber	Сериен номер	Číslo verze	Serienummer	Versionsnummer	Αύξων αριθμός	Número de serie	Seerianumber	Sarjanumero	Numéro de série	Sorozatszám	numero progressivo	Serijos numeris
Target_group	(Target group section)	Раздел за група получатели	Úsek cílové skupiny	Målgruppe - strækning	(Zielgruppenabschnitt)	(Τμήμα στοχευόμενης ομάδας)	(Tipo de usuario destinatario)	(Sihtrühma jaotis)	(Kohderyhmäosio)	Type d´usagers concernés	(Célcsoport szakasz)	gruppo destinatario	(Tikslinė grupė)
Target_group_code	Target group code	Код на групата получатели	Cílová skupina	Kode for målgruppe	Zielgruppe	Κωδικός στοχευόμενης ομάδας	Código usuario destinatario	Sihtrühma kood	Kohderyhmäkoodi	Code usagers concernés	Célcsoport kód	codice gruppo destinatario	Tikslinės grupės kodas
Direction_code	Traffic Direction code	Код за направление	Směr	Kode for sejlretning	Richtung	Κωδικός κατεύθυνσης κυκλοφορίας	Código dirección tráfico	Sõidusuuna kood	Liikenteen suunnan koodi	Sens de parcours	Forgalmi irány kód	codice direzione traffico	Eismo krypties kodas
Subject_code	Subject	Код за предмет (тема, причина)	Týká se	Emne	Betrifft	Θέμα	Asunto	Teema	Aihe	Sujets de l´avis	Tárgy	codice oggetto	Pranešimo objektas
Validity_period	Period of validity	Срок на валидност	Doba platnosti	Gyldighedsperiode	Zeitlicher Geltungsbereich	Περίοδος ισχύος	Período de validez	Kehtivusaeg	Voimassaolo	Période de validité	Érvényességi időszak	periodo di validità	Galiojimo laikas
Date_start	From (yyyymmdd)	От дата (ddmmyyyy)	Od	Startdato (ååååmmdd)	Ab (jjjjmmtt)	Από (εεεεμμηη)	De (aaaammdd)	Alates (aaaakkpp)	Alkaa (vvvvkkpp)	Date de début (aaaammjj)	Tól (év, hó, nap)	da (aaaammgg)	Nuo (mmmm mm dd)
Date_end	Until (yyyymmdd)	До дата (ddmmyyyy)	Do	Slutdato (ååååmmdd)	Bis (jjjjmmtt)	Έως (εεεεμμηη)	A (aaaammdd)	Kuni (aaaakkpp)	Päättyy (vvvvkkpp)	Date de fin (aaaammjj)	Ig (év, hó, nap)	fino a (aaaammgg)	Iki (mmmm mm dd)
Contents	Contents	Съдържание	Text	Indhold	Text	Περιεχόμενα	Contenido	Sisu	Sisältö	Contenu	Tartalom	testo	Turinys
Source	Notice source (authority)	Източник на съобщението (администрация)	Vydavatel zprávy	Infokilde (myndighed)	Herausgeber der Nachricht	Προέλευση μηνύματος (Αρχή)	Fuente del aviso (autoridad)	Teatise allikas (ametiasutus)	Ilmoituksen lähde (viranomainen)	Source	A hirdetmény kibocsátója (hatóság)	fonte dell'avviso (autorità)	Pranešimo šaltinis (institucija)
Reason_code	Reason of notice	Причина за съобщението	Důvod zprávy	Årsag til meddelelse	Grund der Nachricht	Αιτία μηνύματος	Motivo del aviso	Teatise põhjus	Ilmoituksen syy	Evènement	A hirdetmény indoka	motivazione	Pranešimo paskirtis
Communication	(Communication section)	Раздел за канала на	Komunikace	Kommunikationsdel	Information zu	(Τμήμα επικοινωνίας)	(Sección comunicación)	Teabevahetuse jaotis	(Viestintäosio)	Canal d'information	Kommunikációs csatorna	comunicazione	(Ryšio kanalas)
Reporting_code	Reporting regime	Режим за известяване	Režim hlášení	Rapporteringskanal	Meldungsart	Καθεστώς αναφοράς	Régimen de notificación	Aruandluse kord	Raportointijärjestelmä	Obligation de s'annoncer	A jelentést küldő rendszer	regime di segnalazione	Pranešimo perdavimo būdas
Communication_code	Means of communication	Код на средство за свръзка	Komunikační cesta	Kommunikationsmiddel	Kommunikationsweg	Μέσο επικοινωνίας	Medio de comunicación	Sidevahendid	Viestintävälineet	Moyen de communication	Kommunikációs eszköz	mezzo di comunicazione	Ryšio priemonės
Number (Communication section)	Number or address	Номер или адрес	Číslo nebo adresa	Nr. eller adresse	Nummer oder Adresse	Αριθμός ή διεύθυνση	Número o dirección	Number või aadress	Numero tai osoite	Numéro ou adresse	Szám vagy cím	numero o indirizzo	Numeris arba adresas
Fairway_section	Waterway or fairway section	Плавателен воден път или участък от плавателен път	Úsek plavební dráhy	Vandvejs- eller farvandsstrækning	Wasserstraße oder (-bereich)	Τμήμα πλωτής οδού ή διαύλου	Vía navegable o tramo	Veetee või faarvaatri jaotis	Vesiväylä tai väylänosa	Voie ou partie de voie	Víziút vagy hajóút szakasz	tratto idrovia o canale navigabile	Vandens kelio arba farvaterio dalis
Geo_object	(geo information of waterway or object)	Географска информация за водния път или обекта	Objekt na vodní cestě	(geografiske oplysninger om vandvej eller objekt)	(geografische Definition der Wasserstraße)	(Γεωγραφικές πληροφορίες πλωτής οδού ή αντικειμένου)	(Información geográfica vía navegable u objeto)	Geo-teave veetee või objekti kohta	(vesiväylän tai kohteen maantieteelliset tiedot)	(Géo-Objet de référence pour la voie)	(a víziút vagy objektum geo információja)	definizione geografica dell'idrovia o dell'oggetto	(Geografinė informacija apie vandens kelią arba objektą)
Id (Geo_Object section)	Identification	Идентификация (на Географския обект)	Identifikace	Identifikation	Identifikation	Στοιχεία αναγνώρισης	Identificación	Identifitseerimine	Tunnistetiedot	Identifiant	Azonosítás	identificativo oggetto geografico	Identifikavimo kodas
Name (Geo_Object section)	Name of Geo object	Наименование на Географския обект	Název geografického objektu	Navn på geografisk objekt	Bezeichnung des Geoobjekts	Ονομασία γεωγραφικού αντικειμένου	Denominación de objeto geográfico	Geo-objekti nimi	Maantieteellisen kohteen nimi	Toponyme	A földrajzi objektum neve	denominazione dell'oggetto geografico	Geografinio objekto pavadinimas
Type_code (Geo_Object section)	Type of geo object	Тип на обекта	Typ objektu	(Type vandvej)	(Objekttyp)	Τύπος πλωτής οδού	(Tipo de vía navegable)	(Veetee tüüp)	(Vesiväylän tyyppi)	Type	(Objektum típusa)	tipo di idrovia	(Vandens kelio tipas)
Coordinate	Fairway begin and end coordinates	Раздел за координати	Souřadnice počátečních a koncových bodů	Koordinater for farvandets start og slutning	Koordinaten der Anfangs- und Endpunkte	Γεωγραφικές συντεταγμένες αρχής και τέλους διαύλου	Coordenadas de los puntos de delimitación de la vía navegable	Faarvaatri algus- ja lõppkoordinaadid	Väylän alku- ja loppukoordinaatit	Coordonnées de début et fin de la voie	A hajóút kezdetének és végének koordinátái	coordinate dei punti di delimitazione del tratto navigabile	Farvaterio pradžios ir pabaigos koordinatės
Lat (Coordinate)	Latitude (decimal)	Географска ширина (стойност)	Zeměpisná šířka (desetinné číslo)	Breddegrad (decimal)	Breitengrad (Dezimalzahl)	Γεωγραφικό πλάτος (δεκαδικά)	Latitud (decimal)	Laiuskraad (kümnendmurd)	Leveysaste (desimaaliluku)	Latitude (décimale)	Szélesség (decimális)	latitudine (decimali)	Platuma (dešimtųjų tikslumu)
Long (Coordinate)	Longitude (decimal)	Географска дължина (стойност)	Zeměpisná délka (desitinné číslo)	Længdegrad (decimal)	Längengrad (Dezimalzahl)	Γεωγραφικό μήκος (δεκαδικά)	Longitud (decimal)	Pikkuskraad (kümnendmurd)	Pituusaste (desimaaliluku)	Longitude (décimale)	Hosszúság (decimális)	longitudine (decimali)	Ilguma (dešimtųjų tikslumu)
Limitation	Limitation section	Раздел за ограничения	Druh omezení	Begrænsninger på strækningen	Art der Beschränkung	Τμήμα περιορισμών	Sección limitación	Piirangu jaotis	Rajoitusosio	Restriction	Korlátozott szakasz	limitazione	Apribojimo būdas
Limitation_period	(Limitation) periods/intervals	Раздел за срок/интервал на действие на ограничението	Časy (omezení)	(Begrænsning) perioder/tidsintervaller	Zeiten (der Beschränkung)	(Περιορισμοί) περίοδοι/διαστήματα	(Limitación) períodos /intervalos	(Piirangu) perioodid/intervallid	(Rajoitus-)jaksot/aikavälit	Durée de la restriction	Korlátozási időszak/időtartam/időköz	durata della limitazione	(Apribojimo) laikotarpis/intervalas
Date_start (Limitation_period)	From (yyyymmdd)	От дата (ddmmyyyy)	Od (rrrrmmdd)	Fra (ååååmmdd)	Ab (jjjjmmtt)	Από (εεεεμμηη)	De (aaaammdd)	Alates (aaaakkpp)	Alkaa (vvvvkkpp)	Date de début (aaaammjj)	Tól (év, hó, nap)	da (aaaammgg)	Nuo (mmmm mm dd)

XML Tag	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)
Date_end (Limitation_period)	Until (yyyymmdd)	До дата (ddmmyyyy)	Do (rrrrmmdd)	Til (ååååmmdd)	Bis (jjjjmmtt)	Έως (εεεεμμηη)	A (aaaammdd)	Kuni (aaaakkpp)	Päättyy (vvvvkkpp)	Date de fin (aaaammjj)	Ig (év, hó, nap)	fino a (aaaammgg)	Iki (mmmm mm dd)
Time_start (Limitation_period)	From (hhmm)	От час (hhmm)	Od (hhmm)	Fra kl. (ttmm)	Ab (hhmm)	Από (ωωλλ)	De (hhmm)	Alates (ttmm)	Alkaa (hhmm)	Heure de début (hhmm)	Tól (óra, perc)	dalle (hhmm)	Nuo (vvmm)
Time_end (Limitation_period)	Until (hhmm)	До час (hhmm)	Do (hhmm)	Til kl. (hhmm)	Bis (hhmm)	Έως (ωωλλ)	A (hhmm)	Kuni (ttmm)	Päättyy (hhmm)	Heure de fin (hhmm)	Ig (óra, perc)	alle (hhmm)	Iki (vvmm)
Interval_code (Limitation_period)	Interval	Интервал	Interval	Interval	Intervall	Συχνότητα	Intervalo	Intervall	Aikaväli	Périodicité	Időköz	periodicità	Intervalas
Limitation_code	Kind of limitation	Вид ограничение	Omezení	Begrænsningens art	Beschränkung	Είδος περιορισμών	Tipo de limitación	Piirangu liik	Rajoituksen laatu	Code de la restriction	Korlátozás jellege	tipo di limitazione	Apribojimo rūšis
Position_code	Position (of limitation)	Място (на ограничение)	Poloha (omezení)	Begrænsningens position	Lage (der Beschränkung)	Στίγμα των περιορισμών	Posición (de limitación)	(Piirangu) positsioon	(Rajoituksen) sijainti	Position sur la voie	Korlátozás helye	localizzazione (della limitazione)	(Apribojimo) pozicija
Value	Numerical value (of limitation)	Числова стойност (на ограничението)	Číselný údaj (omezení)	Begrænsningens numeriske værdi	Ziffernangabe (der Beschränkung)	Αριθμητική τιμή (περιορισμών)	Valor numérico (de limitación)	(Piirangu) arvväärtus	(Rajoituksen) numeroarvo	Valeur	Korlátozás számértéke	attributo numerico (della limitazione)	(Apribojimo) skaitinė vertė
Reference_code	Value reference	Мерна единица	Vztažný systém	Referenceværdi	Bezugssystem	Τιμή αναφοράς	Referencia	Väärtuse viide	Arvon referenssi	Référentiel de la valeur	Egység	parametro di riferimento	Atskaitos sistema
Indication_code	Indication of limitation	Означение за ограничение	Indikace omezení	Angivelse af begrænsning	Angabe des Beschränkungswertes	Ένδειξη περιορισμών	Indicación de limitación	Märge piirangu kohta	(Rajoituksen) osoitus	Indication de la restriction	Korlátozás jelzése	indicazione del valore di limitazione	Apribojimo rodmenys
Object	Object	Обект	Objekt	Objekt	Objekt	Αντικείμενο	Objeto	Objekt	Kohde	Objet	Objektum	oggetto	Objektas
Geo_object section for an Object	(geo information of object)	Раздел географска информация за обекта	Geografická definice objektu	(geografiske oplysninger om objekt)	(geografische Definition des Objekts)	(γεωγραφικές πληροφορίες αντικειμένου)	(Información geográfica objeto)	(Objekti geo-teave)	(kohteen maantieteelliset tiedot)	Géo-Objet de référence pour l'objet	Az objektum földrajzi adatai	(oggetto - informazione geografica)	(Objekto geografinė informacija)
Type_code (Geo_object section)	(type of object)	Тип на обекта	Typ objektu	(objekttype)	(Objekttyp)	(τύπος αντικειμένου)	Tipo objeto	(Objekti liik)	(kohteen tyyppi)	Type	(Objektum típusa)	(tipo di oggetto)	(Objekto tipas)
Coordinate (Geo_object section)	Object coordinates	Координати на географския обект	Souřadnice objektu	Objektets koordinater	Koordinaten des Objekts	Γεωγραφικές συντεταγμένες αντικειμένου	Coordenadas objeto	Objekti koordinaadid	Kohteen koordinaatit	Coordonées *	Objektum koordinátái	coordinate dell'oggetto	Objekto koordinatės
Wrm	Water related message	Съобщение във връзка с водата	Hlášení o vodním stavu	Vandstandsrelateret meddelelse	Wasserstandsmeldung	Μήνυμα όσον αφορά τα ύδατα	Mensaje relativo al agua	Teade veeolude kohta	Vedenkorkeuteen liittyvä sanoma	Message sur les hauteurs d'eau	Vízállás jelentés	messaggio riguardante le acque	Informacija apie vandens lygį
Measure	Measurements (normal or predicted)	Раздел за размери и стойности (типични или прогнозни)	Druh hodnot (hodnoty měření nebo prognozy)	Målingens art (målt eller prognose)	Art der Werte (Messwerte oder Prognosen)	Μετρήσεις (κανονικές ή προβλεπόμενες)	Medidas (reales o previstas)	Mõõtmised (tavapärased või prognoositavad)	Mittaukset (normaalit tai ennusteet)	Localisation de la mesure	Értékek meghatározása (mért v. előrejelzett)	livello idrometrico (normale o previsto)	Vandens lygio vertės (įprastos arba numatomos)
predicted	Prediction	Прогноза	Předpověď	Prognose	Vorhersage	Πρόβλεψη	Previsión	Eeldus	Ennuste	Prévision	Előrejelzés	previsione	Prognozė
Measure_code	Kind of water related information	Код за мерни единици свързани с водата	Druh hlášení vodního stavu	Art vandstandsoplysning	Art der Wasserstandsmeldung	Πληροφορίες όσον αφορά το είδος των υδάτων	Tipo de información relativa al agua	Veeolusid käsitleva teate liik	Veteen liittyvän sanoman laji	Code de la mesure	A vízállás információ fajtája	tipo di informazione idrometrica	Pranešimo apie vandens lygį rūšis
Difference	Difference	Разлика	Rozdíl	Ændring i forhold til forrige	Änderung	Διαφορά	Diferencia	Erinevus	Ero	Différence	Eltérés	differenza	Skirtumas
Barrage_code	Barrage	Бараж	Poloha jezu	Dæmning	Wehrstellung	Υδατοφράκτης	Presa	Pais	Avattava pato	Etat du barrage	Duzzasztómű	sbarramento	Užtvara
Regime_code	Water regime	Воден режим	Odtokový režim	Vandregime	Abflussregime	Ροή υδάτων	Régimen	Veerežiim	Vedenkorkeussuhteet	Type de régime	Vízjárás	regime idrico	Vandens režimas
Measuredate	Measuredate (yyyymmdd)	Дата на измерване (ddmmyyyy)	Datum měření (rrrrmmdd)	Dato for målingen (ååååmmdd)	Messdatum (jjjjmmtt)	Ημερομηνία μέτρησης (εεεεμμηη)	Fecha de medición (aaaammdd)	Mõõtmise kuupäev (aaaakkpp)	Mittauspäivä (vvvvkkpp)	Date de mesure (aaaammjj)	Mérés dátuma (év, hó, nap)	data del rilievo (aaaammgg)	Matavimo data (mmmm mm dd)
Measuretime	Measuretime (hhmm)	Час на измерване (hhmm)	Čas měření (hhmm)	Tidspunkt for målingen (hhmm)	Messzeit (hhmm)	Ώρα μέτρησης(ωωλλ)	Hora de medición (hhmm)	Mõõtmise kellaaeg (ttmm)	Mittausaika (hhmm)	Heure de mesure (hhmm)	Mérés időpontja (óra, perc)	orario del rilievo	Matavimo laikas (vvmm)
Icem	Ice message	Съобщение във връзка с леда (ледоход)	Hlášení týkající se ledu	Ismelding	Eismeldung	Μήνυμα σχηματισμού πάγου	Mensaje hielo	Teade jää kohta	Jäätilannetta koskeva sanoma	Message concernant la glace	Jégjelentés	messaggio relativo alla presenza di ghiaccio	Pranešimas apie ledą
Ice_condition	Ice condition	Код за състоянието на леда	Ledové podmínky	Isforhold	Eisbeschaffenheit	Συνθήκες πάγου	Estado hielo	Jää seisund	Jäätilanne	Conditions de glace	Jégállapot	condizione del ghiaccio	Ledų sąlygos
Ice_condition_code	Ice condition	Код за състоянието на леда	Ledové podmínky	Isforhold	Eisbeschaffenheit	Συνθήκες πάγου	Estado hielo	Jää seisund	Jäätilanne	Conditions de glace	Jégállapot	condizione del ghiaccio	Ledų sąlygos
Ice_accessibility_code	Accessibility	Код за достъпност при наличие на лед (ледоход)	Splavnost	Farbarhed	Befahrbarkeit	Προσβασιμότητα	Accesibilidad	Juurdepääsetavus	Ajettavuus	Accessibilité	Hajózhatóság	accessibilità	Tinkamumas laivybai
Ice_classification_code	Ice classification	Класификация (описание) на леда	Klasifikace ledu	Isklasse	Eisklasse	Ταξινόμηση πάγου	Clasificación hielo	Jää klassifitseerimine	Jään luokittelu	Classification de la glace	Jég osztályozás	tipo di ghiaccio	Ledo tipas
Ice_situation_code	Ice situation	Ледова обстановка	Situace týkající se ledu	Issituation	Eissituation	Κατάσταση πάγου	Situación hielo	Jää olukord	Jäätilanne	Limitations dues à la glace	jéghelyzet	stato del ghiaccio	Ledo būklė
Werm	Weather message				Wettermeldung								
Weather_report	Weather report		stav počasí		Wetterbericht								
Forecast	Forecast				Vorschau								
Weather_class_code	Weather classification		klasifikace počasí		Wetterklassifizierung								
Weather_item	Weather item		jednotka počasí		Wettergegenstand								
Weather_item_code	Weather item				Wettergegenstand								
Value_min	Minimal value		minimální hodnota		Tiefstwert								
Value_max	Maximal value		maximální hodnota		Höchstwert								
Value_gusts	Gusts value		hodnota rychlosti větru		Spitzenwert								
Weather_category_code	Weather category				Wetterkategorie								
Direction_code_min	Direction from		směr od		Richtung von								
Direction_code_max	Direction to		směr k		Richtung bis								

XML Tag	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
RIS_message	RIS ziņojums	RIS bericht	Komunikat RIS	Mensagem RIS	Mesaj RIS	Správa RIS	sporočilo RIS	RIS-meddelande	RIS poruka	Сообщение РИС	RIS poruka
Identification	(Identifikācija)	identificatie sectie	(Sekcja identyfikacyjna)	(Secção identificação)	(element de identificare)	Identifikačná sekcia	(segment za identifikacijo)	(Identifieringsavsnitt)	Identifikacijski dio	Идентификация	(Identifikacioni deo)
From	Nosūtītājs	afzender van het bericht	Nadawca	Remetente	Expeditorul mesajului	Odosielateľ správy	pošiljatelj sporočila	Avsändare	Pošiljatelj	Отправитель	Pošiljalac poruke
Originator	Informācijas autors	oorsprong van de informatie	Autor informacji	Autor	Autorul informatiilor	Pôvodca správy	izvor informacije	Uppgiftslämnare	Izvor informacija	отправитель информации	Poreklo-izvor informacije
Country_code	Ziņojuma valsts	land waar bericht geldt	Kraj, którego dotyczy komunikat	País em que a mensagem é válida	Țara in care mesajul este valabil	Krajina platnosti správy	država, kjer je sporočilo veljavno	Berört land	Država gdje poruka vrijedi	Код страны сообщения	Država u kojoj poruka važi
Language_code	Ziņojuma valoda	originele taal	Język oryginału	Língua original	Limba de origine	Originálny jazyk	izvirni jezik	Originalspråk	Originalni jezik	Язык сообщения	Izvorni jezik
District	Rajons/ reģions valstī	district/regio in een land	Region kraju	Divisão administrativa (do país)	Regiune	Región	okrožje/regija znotraj države	Distrikt/region	Područje unutar države	Область в стране	Oblast-region u državi
date_issue	Sastādīšanas datums	datum van uitgifte	Data nadania	Data de emissão	Data emiterii	Dátum vydania	datum izdaje	Datum för utfärdande	Datum izdavanja	Дата составления	Datum izdavanja
time_issue	Sastādīšanas laiks	tijd van uitgifte	Godzina nadania	Hora de emissão	Ora emiterii	Čas vydania	čas izdaje	Tidpunkt för utfärdande	Vrijeme izdavanja	Время составления	Vreme izdavanja
ftm	Ziņojums par kuģu ceļu un satiksmi	scheepvaartbericht	Komunikat dotyczący toru wodnego i ruchu	Mensagem via navegável e tráfego	Aviz către navigatori	Správa vodcom plavidiel	sporočilo v zvezi s plovno potjo in prometom	Farleds- och trafikrelaterat meddelande	Priopćenju brodarstvu	Сообщения касательно фарватера и движения по нему судов	Obaveštenje kapetanima
Year	Gads	jaar	Rok	Ano	Anul	Rok	leto	År	Godina	год	Godina
Number	(Ziņojuma) numurs	uniek volgnummer scheepvaartbericht	Numer (komunikatu)	Número (do aviso)	Numărul (avizului)	Číslo správy	številka (obvestila)	(Meddelandets) nummer	Broj (poruke)	номер	Broj (obaveštenja)
Serial_number	Sērijas numurs	serienummer scheepvaartbericht	Numer kolejny (wersji)	Número de série	Numărul de serie	Číslo verzie (série)	zaporedna številka	Serienummer	Serijski broj	серийный номер	Serijski broj
Target_group	(Mērķgrupa)	doelgroep	(Informacje o grupie odbiorców)	(Secção grupo-alvo)	Grupul de utilizatori avuți în vedere	Cieľová skupina	(segment za ciljno skupino)	(Målgrupp)	(Odjeljak ciljne grupe)	группа получателей	(Deo ciljne grupe)
Target_group_code	Mērķgrupas kods	doelgroep	Kod grupy odbiorców	Código grupo-alvo	Codul grupului de utilizatori avuți în vedere	Kód cieľovej skupiny	koda ciljne skupine	Kod för målgrupp	Oznaka ciljane skupine	код группы получателей	Šifra ciljne grupe
Direction_code	Satiksmes virziena kods	richting	Kod kierunku ruchu	Sentido do tráfego	Codul sensului de circulație	Kód smeru premávky	koda usmerjanja prometa	Kod för trafikriktning	Oznaka smjera prometa	код направления движения	Šifra pravca plovidbe
Subject_code	Ziņojuma temats	onderwerp	Temat	Matéria	Subiectul avizului	Predmet	predmet	Ämne	Predmet	тема сообщения	Subjekat
Validity_period	Derīguma termiņš	geldigheidsperiode	Okres ważności	Período de validade	Perioada de valabilitate	Doba platnosti	čas veljavnosti	Giltighetsperiod	Rok valjanosti	срок действия	Rok važnosti
Date_start	No (ggggmmdd)	startdatum (jjjjmmdd)	od (rrrrmmdd)	De (aaaammdd)	Data de început (aaaallzz)	Od (rrrrmmdd)	od (yyyymmdd)	Från (ååååmmdd)	Od (ggggmmdd)	дата начала	Od (ggggmmdd)
Date_end	Līdz (ggggmmdd)	einddatum (jjjjmmdd)	do (rrrrmmdd)	A (aaaammdd)	Data de sfârșit (aaaallzz)	Do (rrrrmmdd)	do (yyyymmdd)	Till (ååååmmdd)	Do (ggggmmdd)	дата окончания	Do (ggggmmdd)
Contents	Saturs	bericht inhoud / tekst	Treść	Conteúdo	Continut	Text / Obsah	vsebina	Innehåll	Sadržaj	содержание	Sadržaj
Source	Informācijas avots (iestāde)	bron van de informatie	Źródło komunikatu (organ)	Fonte do aviso (autoridade)	Sursa avizului (autoritatea)	Zdroj správy	izvor obvestila (organ)	Källa (myndighet)	Izvor priopćenja	Источник информации	Izvor obaveštenja (organ)
Reason_code	Ziņojuma iemesls	reden	Przyczyna komunikatu	Motivo do aviso	Codul evenimentului	Dôvod správy	razlog za obvestilo	Orsak till meddelandet	Razlog priopćenja	код назначения сообщения	Razlog obaveštenja
Communication	(Paziņojums)	communicatie sectie	(Informacje o kanale	(Secção comunicação)	Mijloc de comunicatie	Informácie o	(segment za sporočila)	(Kommunikationsavsnitt)	Informacije o	канал связи в секторе	Informacije o
Reporting_code	Paziņojuma veids	meldingsregime	Sposób meldowania	Regime de transmissão	Modul de raportare	Režim hlásení	način poročanja	Rapporteringsordning	Režim javljanja	код отчета	Režim izveštavanja
Communication_code	Saziņas līdzekļi	communicatiemiddel	Środek łączności	Meio de comunicação	Codul mijlocului de comunicație	Komunikačné prostriedky	komunikacijska sredstva	Kommunikationsmedel	Sredstvo komunikacije	код обозначения раздела	Sredstvo komunikacije
Number (Communication section)	Numurs vai adrese	communicatie nr, kanaal of adres	Numer lub adres	Número ou endereço	Numărul adresei	Číslo alebo adresa	številka ali naslov	Nummer eller adress	Broj ili adresa	номер раздела	Broj ili adresa
Fairway_section	Ūdenceļš vai kuģu ceļš	vaarweg sectie	Odcinek kanału żeglownego lub toru wodnego	Via navegável ou troço	Secțiunea de cale navigabilă sau șenal	Vodná cesta (alebo úsek plavebnej dráhy)	segment za vodno ali plovno pot	Vattenvägs- eller farledsträcka	Odjeljak za vodni ili plovni put	часть фарватера или навигационного пути	Plovni put ili sektor plovnog puta
Geo_object	(Ģeogrāfiskā informācija par ūdenceļu vai objektu)	geografische info over vaarweg	Dane geograficzne kanału żeglownego lub obiektu	(Dados geográficos via navegável ou objecto)	(Informația geografică despre calea navigabilă sau obiect)	Geografické informácie o vodnej ceste alebo o objekte	(geo-informacije o vodni poti ali objektu)	(Geografisk information om vattenväg eller objekt)	Geografske informacije o vodnom putu ili objektu	информация по данной части фарватера или навигационного пути	Geo informacije plovnog puta ili objekta
Id (Geo_Object section)	Identifikācija	uniek ID van het geografische object	Oznaczenie	Identificação	Identificator	Identifikácia	identifikacija	Identifiering	Identifikacija	Обозначение	Identifikacija
Name (Geo_Object section)	Ģeogrāfiskā objekta nosaukums	naam van het geografische object	Nazwa obiektu geograficznego	Designação do objecto geo-referenciado	Numele obiectului geografic	Názov geografického objektu	ime geo-objekta	Namn på geografiskt objekt	Ime geo objekta	Название объекта	Naziv geo objekta
Type_code (Geo_Object section)	(Ūdenceļa veids)	type geografisch object	(Rodzaj kanału żeglownego)	(Tipo de via navegável)	(Tipul obiectului)	Typ objektu	(vrsta vodne poti)	(Typ av vattenväg)	(vrsta objekta)	Тип объекта	(vrsta objekta)
Coordinate	Kuģu ceļa sākuma un beigu koordinātas	vaarweg begin en eind coördinaten	Współrzędne początku i końca toru wodnego	Coordenadas extremos via navegável	Coordonatele începutului și sfârșitului secțiunii	Súradnice začiatku a konca plavebnej dráhy	koordinate začetka in konca plovne poti	Koordinater för farledens början och slut	Koordinate početka i kraja plovnog puta	Координаты начала и окончания части фарватера или навигационного пути	Početna i krajnja koordinata plovnog puta
Lat (Coordinate)	Platums (decimāldaļskaitlis)	breedte coördinaat (decimaal)	Szerokość (do dziesiętnej)	Latitude (decimal)	Latitudine (fracțiuni zecimale)	Zemepisná šírka (desatinné číslo)	zemljepisna širina (decimalka)	Latitud (decimal)	Geografska širina (decimalnno)	Широта	Geografska širina (decimalnno)
Long (Coordinate)	Garums (decimāldaļskaitlis)	lengte coördinaat (decimaal)	Długość (do dziesiętnej)	Longitude (decimal)	Longitudine (fracțiuni zecimale)	Zemepisná dĺžka (desatinné číslo)	zemljepisna dolžina (decimalka)	Longitud (decimal)	Geografska dužina (decimalno)	Долгота	Geografska dužina (decimalno)
Limitation	Ierobežojums	beperkingen sectie	Informacje o ograniczeniach	Secção restrições	Limitarea secțiunii	Obmedzenie	segment za omejitve	Begränsningsavsnitt	Odjeljak za ograničenja	Раздел ограничений	Sektor ograničenja
Limitation_period	(Ierobežojuma) darbības laiks/ intervāli	beperkingsperiode	Czas obowiązywania ograniczeń	(Restrição) período/intervalo	Durata limitării	Čas (obdobie) obmedzenia	(omejitev) obdobja/intervali	(Begränsning) perioder/intervaller	Trajanje (ograničenja)	срок/интервал действия ограничений	(Ograničenje) period/interval
Date_start (Limitation_period)	No (ggggmmdd)	startdatum (jjjjmmdd)	od (rrrrmmdd)	De (hhmm)	Data începerii (aaalalzz)	Od (rrrrmmdd)	od (yyyymmdd)	Från (ååååmmdd)	Od (ggggmmdd)	начало действия ограничения (ггггммдд)	Od (ggggmmdd)

XML Tag	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
Date_end (Limitation_period)	Līdz (ggggmmdd)	einddatum (jjjjmmdd)	do (rrrrmmdd)	A (hhmm)	Data sfârşirii (aaaallzz)	Do (rrrrmmdd)	do (yyyymmdd)	Till (ååååmmdd)	Do (ggggmmdd)	Дата окончания действия ограничения (ггггммдд)	Do (ggggmmdd)
Time_start (Limitation_period)	No (hhmm)	starttijd (uumm)	od (hhmm)	De (hhmm)	Ora începerii (oomm)	Od (hhmm)	od (hhmm)	Från (hhmm)	Od (ggggmmdd)	Время (ччмм) начала	Od (hhmm)
Time_end (Limitation_period)	Līdz (hhmm)	eindtijd (uumm)	do (hhmm)	A (hhmm)	Ora terminării (oomm)	Do (hhmm)	do (hhmm)	Till (hhmm)	Do (ggggmmdd)	Время (ччмм) окончания	Do (hhmm)
Interval_code (Limitation_period)	Intervāls	interval	Okres	Intervalo	Interval	Interval	interval	Intervall	Interval	Период	Interval
Limitation_code	Ierobežojuma veids	soort beperking	Rodzaj ograniczenia	Tipo de restrição	Felul limitării	Druh obmedzenia	vrsta omejitve	Typ av begränsning	Vrsta ograničenja	Тип ограничения	Vrsta ograničenja
Position_code	(Ierobežojuma) pozīcija	positie van beperking	Położenie ograniczenia	Localização (da restrição)	Poziţia	Poloha obmedzenia	položaj (omejitve)	(Begränsningens) position	Pozicija (ograničenja)	Позиция	Pozicija (ograničenja)
Value	(Ierobežojuma) skaitliskā vērtība	waarde	Wartość numeryczna (ograniczenia)	Valor numérico (da restrição)	Valoare numerică	Číselná hodnota (obmedzenia)	numerična vrednost (omejitve)	(Begränsningens) numeriska värde	Brojčana vrijednost (ograničenja)	Объем ограничений	Numerička vrednost (ograničenja)
Reference_code	Atsauces vērtība	waarde referentie	Układ odniesienia	Referência	Valoare de referinţă	Jednotka	vrednost reference	Referensvärde	Jedinica		Jedinica
Indication_code	Ierobežojuma norāde	indicatie van beperking	Oznaczenie ograniczenia	Indicação da restrição		Indikácia obmedzenia	označitev omejitve	Uppgift om begränsning	Oznaka ograničenja		
Object	Objekts	object (sluis, brug, enz)	Obiekt	Objecto	Obiect	Objekt	objekt	Objekt	Objekt	Объект	Objekat
Geo_object section for an Object	(Ģeogrāfiskā informācija par objektu)	geografische informatie van het object	(Dane geograficzne obiektu)	(Dados geográficos do objecto)	(Poziţionarea obiectului)	Geografické informácie o objekte	(geo-informacije o objektu)	(Geografisk information om objekt)	(geografske informacije o objektu)	Информация о объекте	(Geo informacije objekta)
Type_code (Geo_object section)	(Objekta tips)	type object	(rodzaj obiektu)	(Tipo de objecto)	(Tipul obiectului)	Typ objektu	(vrsta objekta)	(Typ av objekt)	(vrsta objekta)	Тип объекта	(vrsta objekta)
Coordinate (Geo_object section)	Objekta koordinātas	object coördinaten	Współrzędne obiektu	Coordenadas do objecto	Coordonatele obiectului	Súradnice objektu	koordinate objekta	Objektets koordinater	Koordinate objekta	Координаты объекта	Koordinate objekta
Wrm	Informācija par ūdens līmeni	watergerelateerde berichten	Komunikat dotyczący stanu wody	Mensagem relativa à água	Date despre apă	Správa o vodnom stave	sporočilo v zvezi z vodo	Meddelande om vattennivån	Poruka o stanju vode	Информация о уровне воды	Poruka u vezi vode
Measure	Mērījumu veids (normālais vai prognozētais)	meetwaarden (gemeten of voorspeld)	Rodzaj wartości (pomiar czy prognoza)	Valores (reais ou previstos)	Secţiunea de măsurare	Merania (normálne alebo predpovedané)	meritve (običajne ali predvidene)	Mätning (mätvärde eller beräkning)	Mjerenja (izmjerena ili prognozirana)	Значение уровня воды (нормальное и ожидаемое)	Merenja(stvarna ili prognoza)
predicted	Prognoze	voorspelling	Prognoza	Previsão	Prognozat	Predpoveď	predvidevanje	Beräkning	Prognoza	Прогноз	Prognoza
Measure_code	Veids informācijai par ūdens līmeni	soort meetwaarde	Rodzaj komunikatu o stanie wody	Tipo de informação relativa à água	Codul măsurătorilor	Druh správy o vodnom stave	informacije v zvezi z vrsto vode	Typ av meddelande om vattennivån	Vrsta informacije o vodi	Тип сообщения о уровне воды	Vrsta informacije u vezi vode
Difference	Starpība	verschil t.o.v. vorige meting	Różnica	Diferença	Diferenţa	Rozdiel	razlika	Skillnad	Razlika	Разница	Razlika
Barrage_code	Aizsprosts	stuw status	Stan zapory	Barragem	Baraj	Hať	zapora	Fördämning	Pregrada	Плотина	Brana
Regime_code	Ūdens režīms	soort regime	Stan wody	Regime	Nivelul apei	Vodný režim	vodni režim	Vattenordning	Režim vodeng toka	Водный режим	Vodni režim
Measuredate	Mērījuma datums (gggmmdd)	meetdatum (jjjjmmdd)	Data pomiaru (rrrrmmdd)	Data medição (aaaammdd)	Data măsurării (aaaallzz)	Dátum merania (rrrrmmdd)	datum merjena (yyyymmdd)	Datum för mätning (ååååmmdd)	Datum mjerenja (ggggmmdd)	Дата измерения (ггггммдд)	Datum merenja (ggggmmdd)
Measuretime	Mērījuma laiks (hhmm)	meettijd (uumm)	Godzina pomiaru (hhmm)	Hora medição (hhmm)	Ora măsurării (oomm)	Čas merania (hhmm)	čas merjenja (hhmm)	Tidpunkt för mätning (hhmm)	Vrijeme mjerenja (ssmm)	Время измерения (ччмм)	Vreme merenja (hhmm)
Icem	Ziņojums par ledu	ijsbericht	Komunikat o lodzie	Mensagem gelo	Date privind gheaţa	Správy o ľadochode	sporočilo o ledu	Meddelande om isförhållanden	Poruka o ledu	Ледовые сообщения	Poruka u vezi leda
Ice_condition	Ledus apstākļi	ijsconditie	Lód	Estado do gelo	Condiţiile gheţii	Ľadové podmienky	stanje ledu	Isförhållanden	Stanje leda	Ледовые условия	Uslovi leda
Ice_condition_code	Ledus apstākļi	ijsconditie	Stan lodu	Estado do gelo	Condiţiile gheţii	Ľadové podmienky	stanje ledu	Isförhållanden	Stanje leda	Ледовые условия	Uslovi leda
Ice_accessibility_code	Pieejamība	toegankelijkheid	Dostępność	Acessibilidade	Accesibilitate	Dostupnosť	dostopnost	Farbarhet	Plovnost	Возможности плавания	Dostupnost
Ice_classification_code	Ledus klasifikācija	classificatie	Klasyfikacja lodu	Classificação do gelo	Clasificarea ghetii	Klasifikácia ľadochodu	klasifikacija ledu	Isklassificering	Klasifikacija leda	Тип льда	Klasifikacija leda
Ice_situation_code	Ledus stāvoklis	ijssituatie	Sytuacja lodowa	Restrições devidas à presença de gelo	Starea gheţii	Situácia ľadochodu	položaj ledu	Isläge	Stanje leda	Состояние льда	Stanje leda
Werm		weerbericht				Správa o počasí			Vremenske poruke		
Weather_report		weerrapport			buletin meteo	Stav počasia			Vremenski izvještaj		
Forecast		voorspelling				Predpoveď			Prognoza		
Weather_class_code		weerclassificatie			clasificarea vremii	Klasifikácia počasia			Klasifikacija vremena		
Weather_item		weer item			componentă meteo	Predmet počasia			Stavka vremena		
Weather_item_code		weer item				Predmet počasia			Kod stavke vremena		
Value_min		minimale waarde			valoarea minimă	Minimálna hodnota			Minimalna vrijednost		
Value_max		maximale waarde			valoarea maximă	Maximálna hodnota			Maksimalna vrijednost		
Value_gusts		waarde tijdens windstoten			valoarea in rafale	Nárazová hodnota			Vrijednost udara vjetra		
Weather_category_code		weercategory				Kategória počasia			Kategorija vremena		
Direction_code_min		richting van				Smer od			Smjer od		
Direction_code_max		richting tot				Smer k			Smjer prema		

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)
CLD	Barrage Closed	Баражът е затворен	jez je uzavřen	Dæmning er lukket	Wehr ist geschlossen	Κλειστός υδατοφράκτης	Presa cerrada	Pais suletud	Avattava pato suljettu	Barrage relevé	Duzzasztómű zárva	sbarramento chiuso	Uždaryta užtvara
OPG	Barrage Opening	Баражът се отваря	jez se otvírá	Dæmning er åben	Wehr wird geöffnet	Υδατοφράκτης σε φάση ανοίγματος	Apertura de presa	Paisu avamine	Avattava pato avautuu	barrage se couchant	Duzzasztóművet nyitják	sbarramento in fase di apertura	Užtvara atidaroma
CLG	Barrage Closing	Баражът се затваря	jez se zavírá	Dæmning lukker	Wehr wird geschlossen	Υδατοφράκτης σε φάση κλεισίματος	Cierre de presa	Paisu sulgemine	Avattava pato sulkeutuu	Barrage se relevant	Duzzasztóművet zárják	sbarramento in fase di chiusura	Užtvara uždaroma
OPD	Barrage Opened, no navigation through barrage	Баражът е отворен, движението през него е забранено	jez je otevřen, zákaz plavby přes jez	Dæmning er åben, men gennemsejling er forbudt	Wehr ist geöffnet, keine Schifffahrt durch das Wehr	Ανοικτός υδατοφράκτης, απαγόρευση ναυσιπλοΐας μέσω υδατοφράκτη	Presa abierta, paso prohibido	Pais avatud, laevatamist paisu kaudu ei toimu	Avattava pato avattu, ei vesiliikennettä padon kautta	Barrage couché, franchissement interdit	Duzzasztómű nyitva, de áthajózás a duzzasztóművön nem megengedett	sbarramento aperto, nessun transito consentito	Užtvara atidaryta, laivyba draudžiama
OPN	Barrage laid, opened for navigation through barrage	Свободна навигация през баража	jez je otevřen pro plavbu	Dæmning er åben for sejlads	Wehr ist geöffnet, Schifffahrt durch das Wehr	Ανοικτός υδατοφράκτης, επιτρέπεται η ναυσιπλοΐα	Presa abierta, paso autorizado	Pais avatud laevatmiseks	Avattava pato avattu liikenteelle	Barrage ouvert à la navigation	Duzzasztómű az áthajózás számára megnyitva	sbarramento aperto, transito consentito	Užtvara atidaryta laivybai

Value	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
CLD	Aizsprosts slēgts	stuw is gesloten	Zapora zamknięta	Barragem fechada	Baraj închis	hať je zatvorená	zapora zaprta	Fördäm-ningen stängd	Brana zatvorena	Плотина закрыта	Brana zatvorena
OPG	Aizsprosts atveras	stuw wordt geopend	Otwieranie zapory	Barragem a abrir	Baraj în deschidere	hať sa otvára	odpiranje zapore	Fördäm-ningen öppnas	Brana se otvara	Плотина открывается	Brana se otvara
CLG	Aizsprosts aizveras	stuw wordt gesloten	Zamykanie zapory	Barragem a fechar	Baraj în închidere	hať sa zatvára	zapiranje zapore	Fördäm-ningen stängs	Brana se zatvara	Плотина закрывается	Brana se zatvara
OPD	Aizsprosts atvērts, kuģošana caur aizsprostu aizliegta	stuw is geopend, maar geen doorvaart via stuw	Zapora otwarta, zamknięta dla żeglugi	Barragem aberta, passagem proibida	Baraj deschis, nu se navigă	hať je otvorená, preplávanie cez hať zakázané	zapora odprta, plovba skozi zaporo ni dovoljena	Fördäm-ningen öppen, men trafik förbjuden	Brana otvorena	Плотина открыта, но движение судов запрещено	Brana otvorena
OPN	Aizsprosts atvērts kuģošanai caur aizsprostu	stuw is geopend voor scheepvaart via stuw	Zapora otwarta dla żeglugi	Barragem aberta, passagem autorizada	Baraj deschis pentru navigație	hať je otvorená pre plavbu	zapora postavljena, odprta za plovbo skozi zaporo	Fördäm-ningen öppen för trafik	Ustava otvorena za plovidbu	Плотина открыта для движения судов	Ustava spuštena, plovidba slobodna

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)
TEL	Telephone	Телефон	telefon	Telefon	Telefon	Τηλέφωνο	Teléfono	Telefon	Puhelin	Téléphone	telefon	telefono	Telefonas
VHF	VHF	УКВ връзка	VKV	VHF	UKW	VHF	VHF	VHF	VHF	VHF	rádiótelefon	VHF	VHF
EM	E-mail	Електронна поща (e-mail)	E-mail	email	E-mail	Ηλεκτρονικό ταχυδρομείο	Correo electrónico	E-post	Sähköposti	Courriel	e-mail	e-mail	El. paštas
INT	Internet	Интернет	Internet	Internet	Internet	Διαδίκτυο	Internet	Internet	Internet	Site internet	Internet	Internet	Internetas
TXT	Teletext	Телетекст	Teletext	Teletekst	Teletext	Τελετεξτ	Teletexto	Teletekst	Tekstitelevisio	Télétexte	teletext	teletesto	Teletekstas
FAX	Telefax	Факс	Telefax	Telefax	Telefax	Τηλεομοιοτυπία	Fax	Telefaks	Faksi	Télécopie	telefax	telefax	Telefaksas
LIG	light signalling	Светлинна сигнализация	světelný signál	Lyssignal	Lichtsignal	Φωτεινή σηματοδότηση	Señal luminosa	Valgus-signaalid	valo-opasteet	signalisation lumineuse	fényjelzés	segnalazione con fanali	Šviesos signalai
FLA	flag signalling	Флагова сигнализация	vlajková signalizace	Flagsignal	Flaggensignal	Σήματα με σημαίες	Bandera	Lipu-signaalid	lippuopasteet	pavillon	lobogójelzés	segnalazione con bandiere	Signalai vėliavėlėmis
SOU	sound signalling	Звукова сигнализация	zvukový signál	Lydsignal	Tonsignal	Ηχητικά σήματα	Señal acústica	Heli-signaalid	ääniopasteet	signalisation sonore	hangjelzés	segnalazione acustica	Garsiniai signalai

Value	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
TEL	Tālrunis	telefoon	Telefon	Telefone	Telefon	Telefón	telefon	Telefon	Telefon	Телефон	Telefon
VHF	UĪV	marifoonkanaal	VHF	VHF	VHF	VHF	VHF	VHF	VHF	Радиосвязь на УКВ	VHF
EM	e-pasts	e-mail	E-mail	Correio electrónico	E-mail	E-mail	e-pošta	E-post	E-mail	Электроное сообщение	E-mail
INT	Internets	internet	Internet	Internet	Internet	Internet	internet	Internet	Internet	Интернет	Internet
TXT	Teleteksts	teletekst	Teletekst	Teletexto	Teletext	Teletex	teletekst	Teletext	Teletekst	Телекс	Teletekst
FAX	Telefakss	fax	Telefaks	Telefax	Telefax	Telefax	telefaks	Fax	Telefaks	Факс	Telefaks
LIG	Gaismas signāli	lichtsignaal	sygnalizacja świetlna	Sinal luminoso	Semnal luminos	svetelná signalizácia	svetlobno signaliziranje	Ljus-signalering	svjetlosna signalizacija	Световые сигналы	Svetlosno signaliziranje
FLA	Signāli ar karodziņiem	vlagsignaal	sygnalizacja flagowa	Sinal de bandeira	Semnal cu steguleţe	vlajková signalizácia	signaliziranje z zastavicami	Flagg-signalering	signalizacija zastavama	Сигналы флагами	Signaliziranje zastavom
SOU	Skaņas signāli	geluidssein	sygnalizacja dźwiękowa	Sinal sonoro	Semnal sonor	zvuková signalizácia	zvočno signaliziranje	Ljud-signalering	zvučna signalizacija	Звуковые сигналы	Zvučno signaliziranje

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)
AT	Austria	Австрия	Rakousko	Østrig	Österreich	Αυστρία	Austria	Austria	Itävalta	Autriche	Ausztria	Austria
BE	Belgium	Белгия	Belgie	Belgien	Belgien	Βέλγιο	Bélgica	Belgia	Belgia	Belgique	Belgium	Belgio
BG	Bulgaria	България	Bulharsko	Bulgarien	Bulgarian	Βουλγαρία	Bulgaria	Bulgaaria	Bulgaria	Bulgarie	Bulgária	Bulgaria
CH	Switzerland	Швейцария	Švýcarsko	Schweiz	Schweiz	Ελβετία	Suiza	Šveits	Sveitsi	Suisse	Svájc	Svizzera
CS	Serbia	Сърбия	Srbsko	Serbien	Serbien	Σερβία	Serbia	Serbia	Serbia	Serbie	Szerbia	Serbia
CY	Cyprus	Кипър	Cypr	Cypern	Zypern	Κύπρος	Chipre	Küpros	Kypros	Chypre	Ciprus	Cipro
CZ	Czech Republic	Република Чехия	Česká Republika	Den Tjekkiske Republik	Tschechien	Τσεχική Δημοκρατία	República Checa	Tšehhi Vabariik	Tšekki	Tchéquie	Cseh Köztársaság	Repubblica ceca
DE	Germany	Германия	Německo	Tyskland	Deutschland	Γερμανία	Alemania	Saksamaa	Saksa	Allemagne	Németország	Germania
DK	Denmark	Дания	Dánsko	Danmark	Dänemark	Δανία	Dinamarca	Taani	Tanska	Danemark	Dánia	Danimarca
EE	Estonia	Естония	Estonsko	Estland	Estland	Εσθονία	Estonia	Eesti	Viro	Estonie	Észtország	Estonia
ES	Spain	Испания	Španělsko	Spanien	Spanien	Ισπανία	España	Hispaania	Espanja	Espagne	Spanyolország	Spagna
FI	Finland	Финландия	Finsko	Finland	Finnland	Φινλανδία	Finlandia	Soome	Suomi	Finlande	Finnország	Finlandia
FR	France	Франция	Francie	Frankrig	Frankreich	Γαλλία	Francia	Prantsusmaa	Ranska	France	Franciaország	Francia
GB	United Kingdom	Великобритания	Velká Británie	Det Forenede Kongerige	Großbrittanien	Ηνωμένο Βασίλειο	Reino Unido	Ühend-kuningriik	Yhdistynyt kuningaskunta	Royaume-Uni	Egyesült Királyság	Regno Unito
GR	Greece	Гърция	Řecko	Grækenland	Griechenland	Ελλάδα	Grecia	Kreeka	Kreikka	Grèce	Görögország	Grecia
HR	Croatia	Хърватско	Chorvatsko	Kroatien	Kroatien	Κροατία	Croacia	Horvaatia	Kroatia	Croatie	Horvátország	Croazia
HU	Hungary	Унгария	Maďarsko	Ungarn	Ungarn	Ουγγαρία	Hungría	Ungari	Unkari	Hongrie	Magyarország	Ungheria
IE	Ireland	Ирландия	Irsko	Irland	Irland	Ιρλανδία	Irlanda	Iirimaa	Irlanti	Irlande	Írország	Irlanda
IT	Italy	Италия	Itálie	Italien	Italien	Ιταλία	Italia	Itaalia	Italia	Italie	Olaszország	Italia
LT	Lithuania	Литва	Litva	Litauen	Litauen	Λιθουανία	Lituania	Leedu	Liettua	Lituanie	Litvánia	Lituania
LU	Luxembourg	Люксембург	Lucembursko	Luxembourg	Luxemburg	Λουξεμβούργο	Luxemburgo	Luksemburg	Luxemburg	Luxembourg	Luxemburg	Lussemburgo
LV	Latvia	Латвия	Lotyšsko	Letland	Lettland	Λετονία	Letonia	Läti	Latvia	Lettonie	Lettország	Lettonia
MD	Moldova	Молдова	Moldavie	Moldova	Moldawien	Μολδαβία	Moldavia	Moldaavia	Moldova	Moldavie	Moldávia	Moldavia
MT	Malta	Малта	Malta	Malta	Malta	Μάλτα	Malta	Malta	Malta	Malte	Málta	Malta
NL	Netherlands	Холандия	Nizozemsko	Nederlandene	Niederlande	Κάτω Χώρες	Países Bajos	Madalmaad	Alankomaat	Pays-Bas	Hollandia	Paesi Bassi
PL	Poland	Полша	Polsko	Polen	Polen	Πολωνία	Polonia	Poola	Puola	Pologne	Lengyelország	Polonia
PT	Portugal	Португалия	Portugalsko	Portugal	Portugal	Πορτογαλία	Portugal	Portugal	Portugali	Portugal	Portugália	Portogallo
RO	Romania	Румъния	Rumunsko	Rumænien	Rumänien	Ρουμανία	Rumanía	Rumeenia	Romania	Roumanie	Románia	Romania
RU	Russia	Русия	Rusko	Rusland	Russland	Ρωσσία	Rusia	Venemaa	Venäjä	Russie	Oroszország	Russia
SE	Sweden	Швеция	Švédsko	Sverige	Schweden	Σουηδία	Suecia	Rootsi	Ruotsi	Suède	Svédország	Svezia
SI	Slovenia	Словения	Slovinsko	Slovenien	Slowenien	Σλοβενία	Eslovenia	Sloveenia	Slovenia	Slovénie	Szlovénia	Slovenia
SK	Slovakia	Словакия	Slovensko	Slovakiet	Slowakei	Σλοβακία	Eslovaquia	Slovakkia	Slovakia	Slovaquie	Szlovákia	Slovacchia
UA	Ukraine	Украина	Ukrajina	Ukraine	Ukraine	Ουκρανία	Ucrania	Ukraina	Ukraina	Ukraine	Ukrajna	Ucraina

Value	Meaning (LT)	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
AT	Austrija	Austrija	Oostenrijk	Austria	Áustria	Austria	Rakúsko	Avstrija	Österrike	Austrija	Австрия	Austrija
BE	Belgija	Beļģija	België	Belgia	Bélgica	Belgia	Belgicko	Belgija	Belgien	Belgija	Бельгия	Belgija
BG	Bulgarija	Bulgārija	Bulgarije	Bułgaria	Bulgária	Bulgaria	Bulharsko	Bolgarija	Bulgarien	Bugarska	Болгария	Bugarska
CH	Šveicarija	Šveice	Zwitserland	Szwajcaria	Suíça	Elvetia	Švajčiarsko	Švica	Schweiz	Švicarska	Швейцария	Švajcarska
CS	Serbija	Serbija	Servië	Serbia	Sérvia	Serbia	Srbsko	Srbija	Serbien	Srbija	Сербия	Srbija
CY	Kipras	Kipra	Cyprus	Cypr	Chipre	Cipru	Cyprus	Ciper	Cypern	Zipar	Кипр	Kipar
CZ	Čekija	Čehija	Tsjechië	Republika Czeska	República Checa	Republica Cehă	Česko	Češka	Tjeckien	Republika Češka	Чешкая республика	Češka Republika
DE	Vokietija	Vācija	Duitsland	Niemcy	Alemanha	Germania	Nemecko	Nemčija	Tyskland	Njemačka	Германия	Nemačka
DK	Danija	Dānija	Denemarken	Dania	Dinamarca	Danemarca	Dánsko	Danska	Danmark	Danska	Дания	Danska
EE	Estija	Igaunija	Estland	Estonia	Estónia	Estonia	Estónsko	Estonija	Estland	Estonia	Эстония	Estonija
ES	Ispanija	Spānija	Spanje	Hiszpania	Espanha	Spania	Španielsko	Španija	Spanien	Španjolska	Испания	Španija
FI	Suomija	Somija	Finland	Finlandia	Finlândia	Finlanda	Fínsko	Finska	Finland	Finska	Финляндия	Finska
FR	Prancūzija	Francija	Frankrijk	Francja	França	Franța	Francúzsko	Francija	Frankrike	Francuska	Франция	Francuska
GB	Jungtinė Karalystė	Apvienotā Karaliste	Groot Brittannië	Wielka Brytania	Reino Unido	Marea Britanie	Veľká Británia	Združeno kraljestvo	Förenade kungariket	Velika Britanija	Великобритания	Velika Britanija
GR	Graikija	Grieķija	Griekenland	Grecja	Grécia	Grecia	Grécko	Grčija	Grekland	Grčka	Греция	Grčka
HR	Kroatija	Horvātija	Kroatië	Chorwacja	Croácia	Croația	Chorvátsko	Hrvaška	Kroatien	Hrvatska	Хорватия	Hrvatska
HU	Vengrija	Ungārija	Hongarije	Węgry	Hungria	Ungaria	Maďarsko	Madžarska	Ungern	Mađarska	Венгрия	Mađarska
IE	Airija	Īrija	Ierland	Irlandia	Irlanda	Irlanda	Írsko	Irska	Irland	Irska	Ирландия	Irska
IT	Italija	Itālija	Italië	Włochy	Itália	Italia	Taliansko	Italija	Italien	Italija	Италия	Italija
LT	Lietuva	Lietuva	Litouwen	Litwa	Lituânia	Lituania	Litva	Litva	Litauen	Litva	Литва	Litvanija
LU	Liuksemburgas	Luksemburga	Luxemburg	Luksemburg	Luxemburgo	Luxemburg	Luxembursko	Luksemburg	Luxemburg	Luksemburg	Люксембург	Luksemburg
LV	Latvija	Latvija	Letland	Łotwa	Letónia	Letonia	Lotyšsko	Latvija	Lettland	Latvia	Латвия	Letonija
MD	Moldova	Moldova	Moldavië	Mołdowa	Moldávia	Moldova	Moldavsko	Moldavija	Moldavien	Moldavija	Молдавия	Moldavija
MT	Malta	Malta	Malta	Malta	Malta	Malta	Malta	Malta	Malta	Malta	Мальта	Malta
NL	Nyderlandai	Nīderlande	Nederland	Holandia	Países Baixos	Olanda	Holandsko	Nizozemska	Neder-länderna	Nizozemska	Нидерланды	Holandija
PL	Lenkija	Polija	Polen	Polska	Polónia	Polonia	Poľsko	Poljska	Polen	Poljska	Польша	Poljska
PT	Portugalija	Portugāle	Portugal	Portugalia	Portugal	Portugalia	Portugalsko	Portugalska	Portugal	Portugal	Португалия	Portugal
RO	Rumunija	Rumānija	Roemenië	Rumunia	Roménia	România	Rumunsko	Romunija	Rumänien	Rumunjska	Румыния	Rumunija
RU	Rusija	Krievija	Rusland	Rosja	Rússia	Rusia	Rusko	Rusija	Ryssland	Rusija	Россия	Rusija
SE	Švedija	Zviedrija	Zweden	Szwecja	Suécia	Suedia	Švédsko	Švedska	Sverige	Švedska	Швеция	Švedska
SI	Slovėnija	Slovēnija	Slovenië	Słowenia	Eslovénia	Slovenia	Slovinsko	Slovenija	Slovenien	Slovenija	Словения	Slovenija
SK	Slovakija	Slovākija	Slowakije	Słowacja	Eslováquia	Slovacia	Slovensko	Slovaška	Slovakien	Slovačka	Словакия	Slovačka
UA	Ukraina	Ukraina	Ukraine	Ukraina	Ucrânia	Ucraina	Ukrajina	Ukrajina	Ukraina	Ukraina	Украина	Ukrajina

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)
ALL	All directions	Всички посоки	všechny směry	Alle retninger	alle Richtungen	Όλες οι κατευθύνσεις	Todas las direcciones	Kõik suunad	Kaikki suunnat	toutes les directions	minden irányba	tutte le direzioni	Visomis kryptimis
UPS	Upstream	Срещу течението	protiproudní plavba	Opstrøms	Bergfahrt	Ανάντη	Aguas arriba	Ülesvoolu	Vastavirtaan	montant	hegymenet	in ascesa	Prieš srovę
DWN	Downstream	По течението	poproudní plavba	Nedstrøms	Talfahrt	Κατάντη	Aguas abajo	Allavoolu	Myötävirtaan	avalant	völgymenet	in discesa	Pasroviui

Value	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
ALL	Visi virzieni	alle richtingen	Wszystkie kierunki	Todas as direcções	Toate direcţiile	všetky smery	vse smeri	Alla riktningar	Svi smjerovi	Любое направление движения	Svi pravci
UPS	Pret straumi	opvaart	Pod prąd	Montante	In amonte	proti prúdu	proti toku	Uppströms	Uzvodno	Движение вверх по течению	Uzvodno
DWN	Pa straumi	afvaart	Z prądem	Jusante	In aval	po prúde	v smeri toka	Nedströms	Nizvodno	Движение вниз по течению	Nizvodno

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)
MAX	maximum	максимум	maximální	maximum	höchstens	μέγιστο	Máximo	maksimum	maksimi	maximum	legfeljebb(max	massimo
MIN	minimum	минимум	minimálně	minimum	mindestens	ελάχιστο	Mínimo	miinimum	minimi	minimum	legalább(mini	minimo
RED	reduced by	намалено с	redukován o	reduceret med	verringert um	μειωμένο κατά	Reducido en	vähendatud	vähennetty	réduit de	által	diminuito di

Value	Meaning (LT)	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
MAX	didžiausia	maksimāli	maximaal	maksimum	Máximo	maxim	maximum	največje	maximum	najviše	максимально	kao
MIN	mažiausia	minimāli	minimaal	minimum	Mínimo	minim	minimum	najmanjše	minimum	najmanje	как минимум	kao
RED	sumažinama	samazināts par	verminderd	ograniczenie o	Reduzido de	redus cu	znížený o	zmanjšano za	reducerat med	smanjeno za	уменьшено на	umanjen za

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)
CON	Continuous	Непрекъснато	nepřetržitě	Kontinuerligt	durchgehend	Συνεχής	Continuo	Pidev	Jatkuva	Permanent	folyamatos	permanente	Nuolatos
DAY	Daily	Ежедневно	denně	Dagligt	täglich	Ημερήσια	Diario	Iga päev	Päivittäinen	Journalier	naponta	giornaliero	Kasdien
WRK	Monday to Friday	от понеделник до петък	pondělí až pátek	Mandag til fredag	Montag bis Freitag	Δευτέρα έως Παρασκευή	Lunes a viernes	Esmaspäe-vast reedeni	Maanantaista perjantaihin	Lundi au Vendredi	hétfőtől péntekig	da lunedì a venerdì	Nuo pirmadienio iki penktadienio
WKN	Saturday and Sunday	събота и неделя	sobota a neděle	Lørdag og søndag	Samstag und Sonntag	Σάββατο έως Κυριακή	Sábado y domingo	Laupäev ja pühapäev	Lauantai ja sunnuntai	Samedi et Dimanche	szombaton és vasárnap	sabato e domenica	Šeštadienis ir sekmadienis
SUN	Sunday	Неделя	neděle	Søndag	Sonntag	Κυριακή	Domingo	Pühapäev	Sunnuntai	Dimanche	vasárnap	domenica	Sekmadienis
MON	Monday	Понеделник	pondělí	Mandag	Montag	Δευτέρα	Lunes	Esmaspäev	Maanantai	Lundi	hétfõ	lunedì	Pirmadienis
TUE	Tuesday	Вторник	úterý	Tirsdag	Dienstag	Τρίτη	Martes	Teisipäev	Tiistai	Mardi	kedd	martedì	Antradienis
WED	Wednesday	Сряда	středa	Onsdag	Mittwoch	Τετάρτη	Miércoles	Kolmapäev	Keskiviikko	Mercredi	szerda	mercoledì	Trečiadienis
THU	Thursday	Четвъртък	čtvrtek	Torsdag	Donnerstag	Πέμπτη	Jueves	Neljapäev	Torstai	Jeudi	csütörtök	giovedì	Ketvirtadienis
FRI	Friday	Петък	pátek	Fredag	Freitag	Παρασκευή	Viernes	Reede	Perjantai	Vendredi	péntek	venerdì	Penktadienis
SAT	Saturday	Събота	sobota	Lørdag	Samstag	Σάββατο	Sábado	Laupäev	Lauantai	Samedi	szombat	sabato e domenica	Šeštadienis
DTI	day-time	През деня	za dne	Om dagen	bei Tag	Κατά τη διάρκεια της ημέρας	Período diurno	päeval	päivisin	en journée	nappal	diurno	Dienos metas
NTI	night(-time)	През нощта	za noci	Om natten	bei Nacht	Κατά της διάρκεια της νύχτας	Período nocturno	öösel	öisin	de nuit	éjszaka	notturno	Nakties metas
RVI	in case of restricted visibility	При ограничена видимост	za snížené viditelnosti	Ved nedsat sigt	bei beschränkten Sichtverhältnissen	Σε περίπτωση περιορισμένης ορατότητας	Con visibilidad reducida	piiratud nähtavuse korral	näkyvyyden ollessa rajallinen	par mauvaise visibilité	korlátozott látási viszonyok esetén	in caso di visibilità ridotta	Riboto matomumo atveju
EXC	with the exception of	с изключение на	s výjimkou	Med undtagelse af	mit Ausnahme von	Εξαιρουμένου του	salvo	välja arvatud	lukuun ottamatta:	à l'exception de	kivéve	ad eccezione di	Išskyrus

Value	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
CON	Nepārtraukti	onafgebroken	ciągłe	Contínuo	Permanent	nepretržite	neprekinjeno	Fortlöpande	Neprekidan	непрерывный режим	Neprekidan
DAY	Ik dienas	dagelijks	codziennie	Diário	Zilnic	denne	dnevno	Dagligen	Dnevno	ежедневно	Dnevno
WRK	No pirmdienas līdz piektdienai	maandag tot vrijdag	od poniedziałku do piątku	Segunda a sexta	De luni până vineri	pondelok až piatok	od ponedeljka do petka	Måndag till fredag	ponedjeljak do petak	с понедельник до пятницы	od ponedeljka do petka
WKN	Sestdiena un svētdiena	zaterdag en zondag	sobota i niedziela	Sábado e domingo	Sâmbăta şi duminica	sobota a nedeľa	sobota in nedelja	Lördag till söndag	subota i nedjelja	суббота и воскресенье	subota i nedelja
SUN	Svētdiena	zondag	niedziela	Domingo	Duminica	nedeľa	nedelja	Söndag	Nedjeljom	воскресенье	Nedeljom
MON	Pirmdiena	maandag	poniedziałek	Segunda	Luni	pondelok	ponedeljek	Måndag	Ponedjeljkom	понедельник	Ponedeljkom
TUE	Otrdiena	dinsdag	wtorek	Terça	Marţi	utorok	torek	Tisdag	Utorkom	вторник	Utorkom
WED	Trešdiena	woensdag	środa	Quarta	Miercuri	streda	sreda	Onsdag	Srijedom	среда	Sredom
THU	Ceturtdiena	donderdag	czwartek	Quinta	Joi	štvrtok	četrtek	Torsdag	Četvrtkom	четверг	Četvrtkom
FRI	Piektdiena	vrijdag	piątek	Sexta	Vineri	piatok	petek	Fredag	Petkom	пятница	Petkom
SAT	Sestdiena	zaterdag	sobota	Sábado	Sâmbătă	sobota	sobota	Lördag	Subotom	суббота	Subotom
DTI	dienā	overdag	w porze dziennej	Período diurno	În timpul zilei	cez deň	podnevi	dagtid	preko dana	Дневное время	Danju
NTI	naktī	's nachts	w porze nocnej	Período nocturno	În timpul nopţii	v noci	ponoči	nattetid	preko noći	Ночное время	Noću
RVI	ierobežotas redzamības apstākļos	bij beperkt zicht	w przypadku ograniczonej widoczności	Com visibilidade reduzida	În caz de vizibilitate redusă	pri zníženej viditeľnosti	v primeru omejene vidljivosti	vid begränsad sikt	U slučaju smanjene vidljivosti	в случае ограниченой видимости	Pri ograničenoj vidljivosti
EXC	izņemot	met uitzondering van	z wyjątkiem	Exceptuando	Cu excepţia	okrem	razen	med undantag av	sa izuzetkom	исключая	sa izuzetkom

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)
BG	Bulgarian	Български	bulharsky	Bulgarsk	Bulgarisch	Βουλγαρική	Búlgaro	bulgaaria	Bulgaria	Bulgare	Bolgár	bulgaro
CS	Czech	чехски	česky	Tjekkisk	Tschechisch	Τσεχική	Checo	tšehhi	Tšekki	Tchèque	Cseh	ceco
DA	Danish	Датски	dánsky	Dansk	Dänisch	Δανέζικη	Danés	taani	Tanska	Danois	Dán	danese
DE	German	Немски	německy	Tysk	Deutsch	Γερμανική	Alemán	saksa	Saksa	Allemand	Német	tedesco
EL	Greek	Гръцки	řecky	Græsk	Griechisch	Ελληνική	Griego	kreeka	Kreikka	Grec	Görög	greco
EN	English	Английски	anglicky	Engelsk	Englisch	Αγγλική	Inglés	inglise	Englanti	Anglais	Angol	inglese
ES	Spanish	Испански	španělsky	Spansk	Spanisch	Ισπανική	Español	hispaania	Espanja	Espagnol	Spanyol	spagnolo
ET	Estonian	Естонски	estonsky	Estisk	Estnisch	Εσθονική	Estonio	eesti	Viro	Estonien	Észt	estone
FI	Finnish	Фински	finsky	Finsk	Finnisch	Φινλανδική	Finés	soome	Suomi	Finnois	Finn	finlandese
FR	French	Френски	francouzsky	Fransk	Französisch	Γαλλική	Francés	prantsuse	Ranska	Français	Francia	francese
HR	Croatian	Хърватски	chorvatsky	Kroatisk	Kroatisch	Κροατική	Croata	horvaatia	Kroatia	Croate	Horvát	croato
HU	Hungarian	Унгарски	maďarsky	Ungarsk	Ungarisch	Ουγγρική	Húngaro	ungari	Unkari	Hongrois	Magyar	ungherese
IT	Italian	Италиански	italsky	Italiensk	Italienisch	Ιταλική	Italiano	itaalia	Italia	Italien	Olasz	italiano
LT	Lithuanian	Литовски	litevsky	Litauisk	Litauisch	Λιθουανική	Lituano	leedu	Liettua	lituanien	Litván	lituano
LV	Latvian	Латвийски	lotyšsky	Lettisk	Lettisch	Λετονική	Letón	läti	Latvia	Letton	Lett	lettone
MT	Maltese	Малтийски	maltsky	Maltesisk	Maltesisch	Μαλτέζικη	Maltés	malta	Malta	Maltais	Máltai	maltese
NL	Dutch	Холандски	nizozemsky	Nederlandsk	Niederländisch	Ολλανδική	Neerlandés	hollandi	Hollanti	Néerlandais	Holland	olandese
PL	Polish	Полски	polsky	Polsk	Polnisch	Πολωνική	Polaco	poola	Puola	Polonais	Lengyel	polacco
PT	Portuguese	Португалски	portugalsky	Portugisisk	Portugiesisch	Πορτογαλική	Portugués	portugali	Portugali	Portugais	Portugál	portoghese
RO	Romanian	Румънски	rumunsky	Rumænsk	Rumänisch	Ρουμανική	Rumano	rumeenia	Romania	Roumain	Román	rumeno
RU	Russian	Руски	rusky	Russisk	Russisch	Ρωσσική	Ruso	vene	Venäjä	Russe	Orosz	russo
SK	Slovak	Словашки	slovensky	Slovakisk	Slowakisch	Σλοβακική	Eslovaco	slovaki	Slovakki	Slovaque	Szlovák	slovacco
SL	Slovenian	Словенски	slovinsky	Slovensk	Slowenisch	Σλοβενική	Eslovaco	sloveenia	Sloveeni	slovène	Szlovén	sloveno
SR	Serbian	Сръбски	srbsky	Serbisk	Serbisch	Σερβική	Serbio	serbia	Serbia	Serbe	Szerb	serbo
SV	Swedish	Шведски	švédsky	Svensk	Schwedisch	Σουηδική	Sueco	rootsi	Ruotsi	Suédois	Svéd	svedese

Value	Meaning (LT)	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
BG	Bulgarų	Bulgāru	Bulgaars	bułgarski	Búlgaro	Bulgară	bulharsky	bolgarščina	Bulgariska	Bugarski	Болгарский	Bugarski
CS	Čekų	Čehu	Tsjechisch	czeski	Checo	Cehă	česky	čeština	Tjeckiska	Češki	чешкий	Češki
DA	Danų	Dāņu	Deens	duński	Dinamarquês	Daneză	dánsky	danščina	Danska	Danski	Датский	Danski
DE	Vokiečių	Vācu	Duits	niemiecki	Alemão	Germană	nemecky	nemščina	Tyska	Njemački	Немецкий	Nemački
EL	Graikų	Grieķu	Grieks	grecki	Grego	Greacă	grécky	grščina	Grekiska	Grcki	Греческий	Grczki
EN	Anglų	Angļu	Engels	angielski	Inglês	Engleză	anglicky	angleščina	Engelska	Engleski	Английский	Engleski
ES	Ispanų	Spāņu	Spaans	hiszpański	Espanhol	Spaniolă	španielsky	španščina	Spanska	Spanjolski	Испанский	Spanski
ET	Estų	Igauņu	Estlands	estoński	Estónio	Estonă	estónsky	estonščina	Estniska	Estonski	Эстонский	Estonski
FI	Suomių	Somu	Fins	fiński	Finlandês	Finlandeză	finsky	finščina	Finska	Finski	Финский	Finski
FR	Prancūzų	Franču	Frans	francuski	Francês	Franceză	francúzsky	francoščina	Franska	Francuski	Французский	Francuski
HR	Kroatų	Horvātu	Kroatisch	chorwacki	Croata	Croată	chorvátsky	hrvaščina	Kroatiska	Hrvatski	Хорватский	Hrvatski
HU	Vengrų	Ungāru	Hongaars	węgierski	Húngaro	Maghiară	maďarsky	madžarščina	Ungerska	Mađarski	Венгерский	Mađarski
IT	Italų	Itāliešu	Italiaans	włoski	Italiano	Italiană	taliansky	italijanščina	Italienska	Talijanski	Итальянский	Italijanski
LT	Lietuvių	Lietuviešu	Litouws	litewski	Lituano	Lituaniană	litovsky	litovščina	Litauiska	Litvanski	Литовский	Litvanski
LV	Latvių	Latviešu	Lets	łotewski	Letão	Letonă	lotyšsky	latvijščina	Lettiska	Latvijski	Латвийский	Letonski
MT	Maltiečių	Maltiešu	Maltees	maltański	Maltês	Malteză	maltsky	malteščina	Maltesiska	Malteski	Мальтийский	Malteski
NL	Olandų	Holandiešu	Nederlands	holenderski	Neerlandês	Olandeză	holandsky	nizozemščina	Nederländska	Nizozemski	Голландский	Holandski
PL	Lenkų	Poļu	Pools	polski	Polaco	Poloneză	poľsky	poljščina	Polska	Poljski	Польский	Poljski
PT	Portugalų	Portugāļu	Portugees	portugalski	Português	Portugheză	portugalsky	portugalščina	Portugisiska	Portugalski	Португальский	Portugalski
RO	Rumunų	Rumāņu	Roemeens	rumuński	Romeno	Română	rumunsky	romunščina	Rumänska	Rumunjski	Румынский	Rumunski
RU	Rusų	Krievu	Russisch	rosyjski	Russo	Rusă	rusky	ruščina	Ryska	Ruski	Русский	Ruski
SK	Slovakų	Slovāku	Slowaaks	słowacki	Eslovaco	Slovacă	slovensky	slovaščina	Slovakiska	Slovački	Словацкий	Slovački
SL	Slovėnų	Slovēņu	Sloveens	słoweński	Esloveno	Slovenă	slovinsky	slovenščina	Slovenska	Slovenski	Словенский	Slovenacki
SR	Serbų	Serbu	Servisch	serbski	Sérvio	Sârbă	srbsky	srbščina	Serbiska	Srpski	Сербский	Srpski
SV	Švedų	Zviedru	Zweeds	szwedzki	Sueco	Suedeză	švédsky	švedščina	Svenska	Svedski	Шведский	Svedski

or alternative:												
National languages:												
BG	Български											
CS	Česky											
DA	Dansk											
DE	Deutsch											
EL	Ελληνική											
EN	English											
ES	Español											
ET	Estonio											
FI	Suomi											
FR	Français											
HR	Hrvatski											
HU	Magyar											
IT	italiano											
LT	Lietuvių											
LV	Latviešu											
NL	Nederlands											
PL	polski											
PT	Português											
RO	Română											
RU	Русский											
SK	Slovensky											
SL	slovenščina											
SR	Srpski											
SV	Svenska											

or alternative:												
National languages:												
BG												
CS												
DA												
DE												
EL												
EN												
ES												
ET												
FI												
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OBSTRU	Blockage	Препятствие	uzávěra	Blokering	Sperre	Φράγμα	Obstrucción	Blokeering	Este	Restriction	zárlat	ostruzione totale
PAROBS	Partial obstruction	Частично препятствие	částečná uzávěra	Delvis blokering	teilweise Sperre	Μερική παρεμπόδιση	Obstrucción parcial	Osaline takistus	Osittainen este	Restriction partielle	részleges tilalom	ostruzione parziale
DELAY	Delay	Закъснение	zpoždění	Forsinkelse	Verzögerung	Καθυστέρηση	Retraso	Hilinemine	Viivästys	Délai	késedelem	ritardo
VESLEN	Vessel Length	Дължина на плавателния съд	délka plavidla	Fartøjets længde	Schiffslänge	Μήκος σκάφους	Eslora	Laeva pikkus	Aluksen pituus	Longueur du bateau	hajóhossz	lunghezza natante
VESHEI	Vessel air draught	Височина на плавателния съд	výška plavidla nad ponorem	Fartøjets højde over vandlinjen	Schiffshöhe	Μέγιστο ύψος άνωθεν της ισάλου γραμμής	Altura de la obra muerta	Laeva kõrgus veepinnast	Aluksen suurin korkeus vedenpinnasta	tirant d'air du bateau	hajó magassága	altezza natante dal pelo dell'acqua
VESBRE	Vessel breadth	Широчина на плавателния съд	šířka plavidla	Fartøjets bredde	Schiffsbreite	Μέγιστο πλάτος σκάφους	Manga	Laeva laius	Aluksen leveys	Largeur du bateau	hajó szélessége	larghezza del natante
VESDRA	Vessel draught	Газене на плавателния съд	ponor plavidla	Fartøjets dybgang	Schiffstiefgang	Βύθισμα σκάφους	Calado	Laeva süvis	Aluksen syväys	Tirant d'eau du bateau	hajó merülése	pescaggio natante
AVALEN	Available length	Разполагаема дължина	povolená délka	Disponibel længde	verfügbare Länge	Διαθέσιμο μήκος	Eslora disponible	Kasutatav pikkus	Käytettävissä oleva pituus	Longueur disponible	rendelkezésre álló hosszúság	lunghezza disponibile
CLEHEI	Clearance height	Свободна височина	podjezdní výška	Frigang i højden	Durchfahrtshöhe	Ελεύθερο ύψος διέλευσης	Gálibo vertical	Kuja kõrgus	Alikulkukorkeus	Hauteur libre disponible	szabad űrszelvény magasság	tirante d'aria
CLEWID	Clearance width	Свободна ширина	povolená šířka	Frigang, bredde	verfügbare Breite	Ελεύθερο πλάτος διέλευσης	Gálibo horizontal	Kuja laius	Käytettävissä oleva leveys	Largeur disponible	Rendelkezésre álló szélesség	larghezza della via navigabile
AVADEP	Available depth	Възможно газене	využitelná hloubka	Vanddybde	verfügbare Tiefe	Διαθέσιμο πλάτος	Profundidad disponible	Kasutatav sügavus	Käytettävissä oleva syväys	Mouillage disponible	rendelkezésre álló vízmélység	pescaggio massimo
NOMOOR	No mooring	Забранено швартоването	zákaz vyvazování	Fortøjning forbudt	Anlegeverbot	Απαγόρευση αγκυροβολίας	Prohibición de amarre	Sildumine keelatud	Kiinnittyminen kielletty	Interdiction d'amarrage	veszteglési tilalom	divieto di ormeggio
SERVIC	Limited service	Ограничено обслужване	omezení provozu	Begrænset betjening	Betrieb eingeschränkt	Περιορισμένη υπηρεσία	Servicio limitado	Piiratud teenindus	Rajoitettu palvelu	Exploitation limitée	korlátozott üzem	servizio / esercizio limitato

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NOSERV	No service	Няма обслужване	zastavení provozu	Ingen betjening	Betriebssperre	Καμία υπηρεσία	Interrupción del servicio	Ei teenindata	Ei palvelua	Manœuvre interrompue	üzemszünet	nessun servizio / esercizio
SPEED	Speed limit	Скорост	omezení rychlosti	Hastighedsbegrænsning	Höchstgeschwindigkeit	Όριο ταχύτητας	Límite de velocidad	Kiiruspiirang	Nopeusrajoitus	Limite de Vitesse	sebességkorlátozás	limite di velocità
WAVWAS	Do not create wash	Забранено създаване на вълни	nevytvářet vlnobití	Undgå at lave efterdønninger	Sog und Wellenschlag vermeiden	Απαγόρευση πρόκλησης κυματισμών	No crear oleaje	Voolu tekitamine keelatud	Voimakkaan aallokon tuottaminen kielletty	Remous interdits	hullámkeltést elkerülni	divieto di moto ondoso
PASSIN	No passing	Забранено преминаването	zákaz potkávání	Passage er ikke tilladt	Begegnungsverbot	Απαγόρευση διέλευσης	Prohibido el paso	Läbimine keelatud	Ei läpikulkua	Interdiction de croiser	találkozás tilos	divieto di transito
ANCHOR	No anchoring	Забранено хвърляне на котва	zákaz kotvení	Opankring ikke tilladt	Ankerverbot	Απαγόρευση αγκυροβολίας	Prohibido fondear	Ankrusse jäämine keelatud	Ei ankkuroitumista	Mouillage interdit	horgonyozni tilos	divieto di ancoraggio
OVRTAK	No overtaking	Забранено изпреварването	zákaz předjíždění	Overhaling ikke tilladt	Überholverbot	Απαγόρευση προσπέρασης	Prohibido adelantar	Möödasõit keelatud	Ei ohittamista	Interdiction de dépasser/trémater	előzni tilos	divieto di sorpasso
MINPWR	Minimum power	Минимална мощност	nejnižší výkon pohonu	Minimum kraft	Mindestantriebsleistung	Ελάχιστη ισχύς	Potencia mínima	Minimaalne võimsus	Vähimmäisteho	Puissance minimum	minimális teljesítmény	potenza minima
ALTER	alternate traffic direction	Редуващи се посоки на движение	střídavý směr plavby	Skiftende færdselsretning	Einbahnverkehr	Εναλλασσόμενη κατεύθυνση κυκλοφορίας	Tráfico en sentido alterno	Asendus-liiklussuund	vaihteleva liikenteen suunta	navigation alternée	váltakozó forgalmi irány	traffico in senso alternato
CAUTIO	special caution	особено внимание	zvýšená opatrnosť	særlig agtpågivenhed	besondere Vorsicht	Ιδιαίτερη προσοχή	Precaución especial	Äärmine ettevaatus	erikoisvaroitus	attention spéciale	kiemelt óvatosság	particolare cautela
NOLIM	no limitation	без ограничение	bez omezení	ingen begrænsninger	keine Einschränkung	Κανένας περιορισμός	Sin limitaciones	Piirang puudub	ei rajoitusta	pas de limitation	nincs korlátozás	nessuna limitazione

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OBSTRU	Blokavimas	Bloķēts	stremming	Zamknięcie	Obstrução	Restricție	blokáda	zapora	Blockering	Prepreka	Закрыто	Prepreka
PAROBS	Dalinis blokavimas	Daļēji bloķēts	gedeeltelijke stremming	Częściowe zamknięcie	Obstrução parcial	Restricție parțială	čiastočné prekážky	delna zapora	Delvis obstruktion	Djelomična prepreka	Частично закрыто	Delimična prepreka
DELAY	Delsa	Aizkavēšanās	oponthoud	Opóźnienie	Demora	Intârziere	meškanie	zamuda	Försening	Kašnjenje	Задержка	Kašnjenje
VESLEN	Laivo ilgis	Kuģa garums	scheepslengte	Długość statku	Comprimento (embarcação)	Lungimea navei	dĺžka plavidla	dolžina plovila	Fartygslängd	Duljina broda	Длина судна	Dužina plovila
VESHEI	Laivo aukštis virš vandens	Kuģa virsūdens augstums	scheepshoogte	Wysokość statku	Altura acima linha de água (embarcação)	Inălțimea deasupra liniei de plutire	výška plavidla nad hladinou	prosta višina plovila	Fartygets höjd över vattenytan	Visina najviše fiksne točke broda iznad vode	Высота судна	Visina plovila
VESBRE	Laivo plotis	Kuģa platums	scheepsbreedte	Szerokość statku	Boca (embarcação)	Lățimea navei	šírka plavidla	širina plovila	Fartygsbredd	Širina broda	Ширина судна	Širina plovila
VESDRA	Laivo grimzlė	Kuģa iegrime	scheepsdiepgang	Zanurzenie statku	Calado (embarcação)	Pescajul navei	ponor plavidla	ugrez plovila	Fartygets djupgående	Gaz broda	Осадка	Gaz plovila
AVALEN	Leistinas ilgis	Pieļaujamais garums	doorvaartlengte	Długość użytkowa	Comprimento disponível	Lungimea admisă	povolená dĺžka	razpoložljiva dolžina	Tillgänglig längd	Raspoloživa duljina	Ограничение длины	Raspoloživa dužina
CLEHEI	Leistinas aukštis	Pieļaujamais augstums	doorvaarthoogte	Wysokość w świetle	Altura livre	Gabaritul de înălțime	podjazdná výška	prosta višina prehoda	Frihöjd	Visina plovnog otvora	ограничение высоты	Slobodna visina
CLEWID	Leistinas plotis	Pieļaujamais platums	doorvaartbreedte	Szerokość w świetle	Largura livre	Gabaritul de lățime	prejazdná šírka	prosta širina prehoda	Farledsbredd	Širina plovnog otvora	Ограничение ширины	Slobodna širina
AVADEP	Esamas gylis	Ūdens dziļums	beschikbare waterdiepte	Głębokość użytkowa	Profundidade disponível	Adîncimea disponibilă	dostupná hĺbka	razpoložljiva globina	Tillgängligt djup	Raspoloživa dubina	Существующая глубина	Raspoloživa dubina
NOMOOR	Draudžiama švartuotis	Pietauvošanās aizliegta	afmeerverbod	Zakaz cumowania	Proibição de amarrar	Interdicție de acostare	zákaz vyväzovania	prepovedan privez	Förtöjning förbjuden	Zabranjen vez	Швартовка запрещена	Zabranjeno vezivanje
SERVIC	Ribotas aptarnavimas	Ierobežots pakalpojums	beperkte service	Usługa ograniczona	Serviço limitado	Manevră restricționată	obmedzená prevádzka	omejena storitev	Begränsad service	Ograničena usluga	Ограниченое обслуживание	Ograničena usluga

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NOSERV	Neaptarnaujama	Pakalpojums nav pieejams	geen bediening	Usługa niedostępna	Interrupção do serviço	Manevră interzisă	zastavená prevádzka	ni storitve	Ingen service	Nema usluge	Не обслуживаемое	Bez usluge
SPEED	Ribojamas greitis	Ātruma ierobežojums	snelheidsbeperking	Ograniczenie szybkości	Limite de velocidade	Limită de viteză	najvyššia povolená rýchlosť	omejitev hitrosti	Hastighets-begränsning	Brzina	Ограничение скорости	Brzina
WAVWAS	Nekelti bangų	Neradīt viļņus	hinderlijke waterbeweging vermijden	Zakaz tworzenia fal	Não causar ondulação	Formarea valurilor interzisă	zákaz vlnobitia a sania	prepovedano povzročanje valov	Undvik svall	Zabranjeno pravljenje valova	Берегись волны	Zabranjeno pravljenje talasa
PASSIN	Plaukti draudžiama	Aizliegts šķērsot	ontmoeten verboden	Zakaz wymijania	Proibição de passar	Traversarea interzisă	zákaz preplávania	prepovedan prehod	Passering förbjuden	Zabranjen prolaz	Нет прохода	Zabranjen prolaz
ANCHOR	Draudžiama nuleisti inkarą	Noenkuroties aizliegts	ankeren verboden	Zakaz kotwiczenia	Proibição de ancorar	Ancorarea interzisă	zákaz kotvenia	prepovedano sidranje	Ankring förbjuden	Zabranjeno sidrenje	Якорная стоянка запрещена	Zabranjeno sidrenje
OVRTAK	Lenkti draudžiama	Apdzīt aizliegts	voorbijlopen verboden	Zakaz wyprzedzania	Proibição de cruzar ou ultrapassar	Depăşirea interzisă	zákaz predchádzania	prepovedano prehitevanje	Omkörning förbjuden	Zabranjeno pretjecanje	Обгон запрещен	Zabranjeno prestizanje
MINPWR	Mažiausia galia	Minimālā jauda	minimaal vermogen	Minimalna moc napędu	Potência mínima	Putere minimă	minimálny výkon	najmanjša moč	Minsta motoreffekt	Minimalna snaga	минимальная мощность	Minimalna snaga
ALTER	Keičiama laivų eismo kryptis	divvirzienu satiksme	beurtelings verkeer	Ruch naprzemienny	Sentido alternado	Trafic cu sensuri alternative	striedajúci sa smer premávky	izmenično usmerjanje prometa	Alternerande farleds-riktning	naizmjeničan smijer prometa	Встречное движение	Alternativni pravac saobraćaja
CAUTIO	Ypatingas perspėjimas	īpaša piesardzība	bijzondere voorzichtigheid	Szczególna ostrożność	Atenção especial	Vigilenţă mărită	zvýšená opatrnosť	posebna pozornost	Varning	poseban oprez	особое замечание	poseban oprez
NOLIM	Apribojimų pabaiga	bez ierobežojumiem	geen beperking	Koniec ograniczeń	Sem restrições	Fără restricţii	bez obmedzenia	brez omejitve	Ingen begränsning	bez ograničenja	без ограничения	bez ograničenja

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DIS	Discharge	Отток	průtok	Udledning	Abfluß	Εκφόρτωση	Descarga	Lossimine	Virtaus	Débit	lefolyás	portata	Vandens išleidimas
REG	Regime	Режим	režim	Vandregime	Regime	Κατάσταση ροής υδάτων	Régimen	Kord	Vedenkorkeuss uhteet	Régime	vízjárás	regime	Režimas
BAR	Barrage status	Състояние на баража	stav vzdutí	Status for dæmning	Staustand	Κατάσταση φράγματος	Estado presa	Paisu asend	Avattavan padon tilanne	Status des barrages	duzzasztási állapot	stato sbarramento	Užtvaros padėtis
VER	Vertical clearance	Свободна височина	podjezdná výška	Lodret frigang	Durchfahrthöhe	Ελεύθερο ύψος	Gálibo libre	Läbisõidu-kõrgus	Alikulkukorkeus	Hauteur libre maximum	szabad űrszelvény-magasság	tirante d'aria	Laivo kelio aukštis
LSD	Least sounded depth	Минимална дълбочина	minimální hloubka	Mindste loddede dybde	minimale Tiefe	Μικρότερο μετρηθέν βάθος	Profundidad mínima medida	Looditud väikseim sügavus	Matalin luodattu syvyys	Profondeur minimale	legkisebb vímélység	profondità minima rilevata	Mažiausias gylis
WAL	Water level	Водно ниво	vodní stav	Vandstand	Wasserstand	Στάθμη υδάτων	Nivel de agua	Veetase	Vedenkorkeus	Niveaux des eaux	vízállás	livello idrometrico	Vandens lygis

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DIS	Ūdens novadīšana	afvoer	Spust	Descarga	Debit	prietok	pretok	Utsläpp	Ispust	Спуск воды	Proticaj
REG	Darba režīms	regime	Reżim	Regime	Regim	režim	režim	Ordning	Režim	Рабочий режим	Režim
BAR	Aizsprosta stāvoklis	stuwstand	Stan zapory	*Status* da barragem	Starea barajului	stav hate	položaj zapor	Fördämnings-status	Status brane	Состояние плотины	Status brane
VER	Pieļaujamais augstums	doorvaarthoogte	Prześwit pionowy	Altura livre	Inălțime liberă de trecere	podjazdná výška	prosta višina prehoda	Frihöjd	Visina slobodnog prolaza	Высота судоходного пролёта	Prolazna visina
LSD	Minimālais dziļums	minst gepeilde diepte	Głębokość minimalna	Profundidade mínima medida	Adâncime minimă	minimálna hĺbka	najmanjša izmerjena globina	Minsta lodade djup	Minimalna dubina	Минимальная глубина	Najmanja izmerena dubina
WAL	Ūdens līmenis	waterstand	Stan wody	Nível da água	Nivelul apei	vodný stav	vodostaj	Vattennivå	Vodostaj	Уровень воды	Nivo vode

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AL	All	Навсякъде (всички направления)	všechno	Alt	ganz	Ολόκληρη η πλωτή οδός	Todo	Kõik	Kaikki	Tout le chenal	mind/teljesen	intero canale navigabile	Visos kryptys
LE	Left	Ляво	vlevo	Venstre	links	Αριστερά	Izquierda	Vasakpoolne	Vasen	Gauche	bal	sinistra	Kairė
MI	Middle	В средата	střed	Midten	Mitte	Στο μέσο	Centro	Keskmine	Keskimmäinen	Milieu	közép	centro	Vidurys
RI	Right	Дясно	vpravo	Højre	rechts	Δεξιά	Derecha	Parempoolne	Oikea	Droite	jobb	destra	Dešinė
LB	Left bank	Ляв бряг	levý břeh	Venstre bred	linkes Ufer	Αριστερή όχθη	Margen izquierda	Vasak kallas	Vasen ranta	Rive gauche	bal part	sponda sinistra	Kairysis krantas
RB	Right bank	Десен бряг	pravý břeh	Højre bred	rechtes Ufer	Δεξιά όχθη	Margen derecha	Parem kallas	Oikea ranta	Rive droite	jobb part	sponda destra	Dešinysis krantas
N	North	Северно	sever	Nord	Nord	Βόρεια	Norte	põhi	Pohjoinen	Nord	észak	nord	Šiaurė
NE	North_east	Североизточно	severovýchod	Nordøst	Nord-Ost	Βορειοανατολικά	Noreste	kirre	Koillinen	Nord-est	észak-kelet	nord-est	Šiaurės rytai
E	East	Източно	východ	Øst	Ost	Ανατολικά	Este	ida	Itä	Est	kelet	est	Rytai
SE	South_east	Югоизточно	jihovýchod	Sydøst	Süd-Ost	Νοτιοανατολικά	Sureste	kagu	Kaakko	Sud-est	dél-kelet	sud-est	Pietryčiai
S	South	Южно	jih	Syd	Süd	Νότια	Sur	lõuna	Etelä	Sud	dél	sud	Pietūs
SW	South_west	Югозападно	jihozápad	Sydvest	Süd-West	Νοτιοδυτικά	Suroeste	edel	Lounas	Sud-ouest	dél-nyugat	sud-ovest	Pietvakariai
W	West	Западно	západ	Vest	West	Δυτικά	Oeste	lääs	Länsi	Ouest	nyugat	ovest	Vakarai
NW	North_west	Северозападно	severozápad	Nordvest	Nord-West	Βορειοδυτικά	Noroeste	loe	Luode	Nord-ouest	észak-nyugat	nord-ovest	Šiaurės vakarai
BI	big	Голям	velký	stor	groß	μεγάλο	Grande	suur	iso	grand	nagy	grande	Didelis
SM	small	Малък	malý	lille	klein	μικρό	Pequeño	väike	pieni	petit	kicsi	piccolo	Mažas
OL	old	Стар	starý	gammel	alt	παλαιό	Antiguo	vana	vanha	vieux	régi	vecchio	senas
EW	new	Нов	nový	ny	neu	νέο	Nuevo	uus	uusi	nouveau	új	nuovo	naujas
MP	movable part	Подвижна част	pohyblivá část	bevægelig del	beweglicher Teil	κινητό τμήμα	Parte móvil	avatav osa	liikkuva osa	partie amovible	mozgatható rész	parte mobile	Slankioji dalis
FP	fixed part	Неподвижна част	pevná část	fast del	fester Teil	σταθερό τμήμα	Parte fija	fikseeritud osa	kiinteä osa	partie fixe	rögzített rész	parte fissa	Stacionarioji dalis
VA	variable	променлив	proměnlivé	variabel	veränderlich	μεταβλητό	Variable	muutuv	vaihtelee	variable	változó	variabile	Kintamas

Value	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
AL	Laba redzamība	geheel	wszędzie	Todas	Toată calea navigabilă / întregul obiect	všetky	vse	Hela	Svi smjerovi	Полная видимость	Sve
LE	Pa kreisi	links	po lewej	Esquerda	Stânga	vľavo	levo	Vänster	Lijevo	Слева	Levo
MI	Vidū	midden	pośrodku	Centro	Mijloc	v strede	sredina	Mitten	Sredina	В середине	Sredina
RI	Pa labi	rechts	po prawej	Direita	Dreapta	vpravo	desno	Höger	Desno	Справа	Desno
LB	Kreisais krasts	linkeroever	lewy brzeg	Margem esquerda	Malul stâng	ľavý breh	levi breg	Vänstra banken	Lijeva obala	слева от банки	Leva obala
RB	Labais krasts	rechteroever	prawy brzeg	Margem direita	Malul drept	pravý breh	desni breg	Högra banken	Desna obala	справа от банки	Desna obala
N	Uz ziemeļiem	noord	północ	Norte	Nord	severne	severno	Nord	Sjever	К северу	Sever
NE	Uz ziemeļaustrumiem	noordoost	północny wschód	Nordeste	Nord-est	severo-východne	severovzhodno	Nordost	Sjeveroistočno	К северо-востоку	Severoistočno
E	Uz austrumiem	oost	wschód	Leste	Est	východne	vzhodno	Öst	Istočno	К востоку	Istočno
SE	Uz dienvidaustrumiem	zuidoost	południowy wschód	Sudeste	Sud-est	juho-východne	jugovzhodno	Sydost	Jugoistočno	К юго-востоку	Jugoistočno
S	Uz dienvidiem	zuid	południe	Sul	Sud	južne	južno	Syd	Južno	К югу	Južno
SW	Uz dienvidrietumiem	zuidwest	południowy zachód	Sudoeste	Sud-vest	juho-západne	jugozahodno	Sydväst	Jugozapadno	К юго-западу	Jugozapadno
W	Uz rietumiem	west	zachód	Oeste	Vest	západne	zahodno	Väst	Zapadno	К западу	Zapadno
NW	Uz ziemeļrietumiem	noordwest	północny zachód	Noroeste	Nord-vest	severo-západne	severozahodno	Nordväst	Sjeverozapadno	К северо-западу	Severozapadno
BI	liels	groot	duży	Grande	Mare	veľký	velik	stor	Velik	большой	Veliki
SM	mazs	klein	mały	Pequeno	Mic	malý	majhen	liten	Mali	малый	Mali
OL	vecs	oud	stary	Antigo	Vechi	starý	star	gammal	Star	старый	Stari
EW	jauns	nieuw	nowy	Novo	Nou	nový	nov	ny	Nov	новый	Novi
MP	kustīgā daļa	beweegbaar deel	część ruchoma	Parte móvel	Parte amovibilă	pohyblivá časť	premični del	rörlig del	Pokretan dio	подвижная часть	Pokretni deo
FP	nekustīgā daļa	vast deel	część stała	Parte fixa	Parte fixă	pevná časť	fiksni del	fast del	Nepokretan dio	неподвижная часть	Statični deo
VA	mainīgs	variabel	zmienny	Variável	Variabil	premenlivá	spremenljiv	variabel	varijabla	променливый	varijabla

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)
EVENT	Event	Случай	uspořádání akce	Begivenhed	Veranstaltung	Συμβάν	Suceso	Sündmus	Tapahtumat
WORK	Work	Работи (действия)	práce	Arbejder	Arbeiten	Εργασίες	Obras	Töötamine	Työt
DREDGE	Dredging	Драгажни работи	bagrování	Opmudring	Baggerarbeiten	Βυθοκόρηση	Dragado	Süvendamine	Ruoppaustyöt
EXERC	Exercises	упражнения	cvičení	Øvelser	Übungen	Ασκήσεις	Ejercicios	Õppused	Harjoitukset
HIGWAT	High water	Високи води	velká voda (povodeň)	Højvande	Hochwasser	Υψηλή στάθμη υδάτων	Nivel de agua elevado	Kõrgvesi	Korkea vesi
HIWAI	water level of cautious navigation	Водно ниво изискващо внимателна навигация	vodní stav vyžadující zvýšenou nautickou pozornost	Forsigtig sejlads pga. vandstanden	Marke I.	Στάθμη υδάτων προσεκτικής ναυσιπλοΐας	Nivel de agua para navegación prudente	Ettevaatliku laevatamise veetase	varovaista liikkumista edellyttävä vedenkorkeus
HIWAII	prohibitory water level	Възпрепятстващо водно ниво	vodní stav při kterém se zastavuje plavba	Forbud mod sejlads pga. vandstanden	Marke II oder Marke III	Απαγορευτική στάθμη υδάτων	Nivel de agua de prohibición	Laevatamiseks keelatud veetase	kiellon aiheuttava vedenkorkeus
LOWWAT	Low water	Ниски води	nízký vodní stav	Lavvande	Niedrigwasser	Χαμηλή στάθμη υδάτων	Nivel de agua bajo	Madal vesi	Matala vesi
SHALLO	Siltation	Плитчина	zanesení pískem	Aflejringer	Versandung	Σχηματισμός ιλύος	Sedimentación	Mudastumine	Liettyminen
CALAMI	Calamity	Бедствие	havárie	Nødsituation	Havarie	Καταστροφή	Accidente	Õnnetus	Onnettomuus
LAUNCH	Launching	Спускане на вода	spouštění na vodu	Søsætning	Ausstoßen	Καθέλκυση	Lanzamiento	Veeskamine	Vesillelasku
DECLEV	Lowering water level	Понижаване на водното ниво	pokles vodní hladiny	Vandstanden sænkes	Senken des Wasserspiegels	Μειούμενη στάθμη υδάτων	Nivel de agua en descenso	Veetaseme vähenemine	Vedenkorkeuden laskeminen
FLOMEA	Flow measurement	Измерване на оттока	měření průtoku	Flow-måling	Strommessungen	Μέτρηση ροής	Medición de caudal	Voolu mõõtmine	Virtauksen mittaaminen
BLDWRK	Building work	Строителни работи	stavební práce	Anlægsarbejder	Bauarbeiten	Κατασκευαστικές εργασίες	Obras de construcción	Ehitustöö	Rakennustyöt
REPAIR	Repair	Ремонтни работи	opravy	Reparation	Reparaturarbeiten	Επισκευές	Reparación	Remont	Korjaustyöt
INSPEC	Inspection	Инспекция	inspekce	Inspektion	Inspektion	Επιθεώρηση	Inspección	Inspekteeri-mine	Tarkastus
FIRWRK	Fireworks	Взривни работи	ohňostroj	Fyrværkeri	Feuerwerk	Πυροτεχνήματα	Fuegos artificiales	Ilutulestik	Ilotulitus
LIMITA	Limitations	Ограничения	omezení	Begrænsninger	Einschränkungen	Περιορισμοί	Limitaciones	Piirangud	Rajoitukset
CHGFWY	changes in the fairway	Изменение на фарватера	změny plavební dráhy	Ændring af farvandet	Änderungen der Fahrrinne	Μεταβολές στον δίαυλο	Cambios en vía navegable	Muudatused faarvaatris	muutokset väylällä
CONSTR	constriction of waterway	Изграждане на воден път	zúžení vodní cesty	indsnævring af vandvejen	Einengung des Fahrwassers	Κατασκευή πλωτής οδού	Estrechamiento de vía navegable	Faarvaatri kontriktsioon	vesiväylän kaventuminen
DIVING	under water works	Подводни работи	práce pod vodou	dykkere i arbejde	Arbeiten unter Wasser	Υποβρύχιες εργασίες	Obras submarinas	Veealused tööd	vedenalaiset työt
SPECTR	special transport	Специализиран транспорт	zvláštní přeprava	særlig transport	Sondertransport	Ειδικές μεταφορές	Transporte especial	Erivedu	erikoiskuljetus
EXT	extensive sluicing	Активно изпускане на вода	extrémní dotování	Omfattende slusedrift	extreme Dotierung	Εκτεταμένη εκκένωση υδατοφράτκη	Barrido extensivo	Laialdane lüüsikasutus	laajamittainen sulutus
MIN	minimum sluicing	Минимално изпускане на вода	minimální dotování	Minimum slusedrift	minimale Dotierung	Ελάχιστη εκκένωση υδατοφράκτη	Barrido mínimo	Minimaalne lüüsikasutus	vähimmäissulutus

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)
SOUND	sounding works	дълбочинно-измервателни работи	měření hloubky vody	Oplodning	Peilarbeiten	Εργασίες ηχοβολισμού	Obras de sondeo	Loodimistööd	luotaustyöt
OTHER	Others	Друго	jiné	Andet	andere	Λοιπά	Otros	Muud	Muu
INFSER	Info Service (not safety relevant and not needed for voyage planning)	не засяга навигационната безопасност не е необходимо за планирането на рейса	Informační servis (nikoli pro bezpečnost a nikoli pro plánování plavby)	Informationstjeneste (ikke sikkerheds-relevant, ej heller nødvendig til rejseplanlægning)	Informationsservice (weder sicherheitsrelevant noch notwendig für die Reiseplanung)	Πληροφορίες (δεν έχει σχέση με την ασφάλεια και δεν χρειάζεται για τον προγραμματισμό του ταξιδίου)	Servicio de información (no se refiere a la seguridad y no se requiere para la planificación de itinerarios)	Teabeteenus (ei ole seotud ohutusega ega ole vajalik reisi korraldamisel)	Tietopalvelu (ei ole olennainen turvallisuuden kannalta eikä tarpeen matkan suunnittelussa)

Value	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)
EVENT	Evénement	rendezvény	avvenimento	Įvykis	Pasākums	evenement	Impreza	Evento	Eveniment
WORK	Travaux	munkálatok	lavori	Darbai	Darbs	werkzaamheden	Prace	Trabalhos	Lucrări
DREDGE	Dragage	kotrási munkálatok	dragaggio	Dugno gilinimas	Bagarēšanas darbi	baggerwerkzaamheden	Pogłębianie	Dragagens	Lucrări de dragaj
EXERC	exercices	gyakorlatok	esercitazioni	Pratybos	Vingrinājumi	oefeningen	Ćwiczenia	Exercícios	Exerciţii
HIGWAT	Crue	magas vízállás	piena	Aukštas vanduo	Augsts ūdens līmenis	hoogwater	Wysoki stan wody	Nível de cheia	Ape mari
HIWAI	Niveau d'eau nécessitant une navigation prudente	kíméletes hajózási vízszint	livello idrometrico di prudenza per la navigazione	Laivybai pavojingas vandens lygis	Ūdens līmenis bīstams kuģošanai	waterstand met beperkte scheepvaart (Marke I)	Stan wody wymagający ostrożnej żeglugi	Nível da água que obriga a navegação prudente	Nivelul apei de avertizare pentru navigaţie
HIWAII	Niveau d'eau d'interdiction	tilalmi vízszint	livello idrometrico proibitivo	Laivybą draudžiantis vandens lygis	Ūdens līmenis, kurā kuģošana aizliegta	waterstand met vaarverbod (Marke II)	Stan wody uniemożliwiający żeglugę	Nível da água que impossibilita a navegação	Nivelul apei de interdicţie
LOWWAT	Etiage	alacsony vízállás	livello di magra	Žemas vanduo	Zems ūdens līmenis	laagwater	Niski stan wody	Nível de estiagem	Ape mici
SHALLO	Atterissement	gázlóképződés	accumulo di sabbia	Sąnašos	Aizsērēšana	verondieping	Mielizna	Assorea-mento	Intinsură
CALAMI	Accident	havaria/bal-eset	calamità	Avarija	Negadījums	calamiteit	Wypadek	Acidente	Calamitate
LAUNCH	Mise à l'eau	vízrebocsájtás	varo	Laivo nuleidimas į vandenį	Kuģa nolaišana ūdenī	tewaterlating	Wodowanie	Lançamento à água	Lansare la apă
DECLEV	Abaissement du niveau de l'eau	vízszint csökkentése	calo del livello idrometrico	Vandens lygio nuslūgimas	Ūdens līmeņa pazemināšana	waterstandsverlaging	Spadek poziomu wody	Descida do nível da água	Nivelul apei în scădere
FLOMEA	Opération de mesure de débit	áramlás mérése	portata idrometrica	Tėkmės parametrų matavimas	Straumes ātruma noteikšana	stroomsnelheidsmeting	Pomiar prądu	Caudal	Operaţiune de măsurare a debitului
BLDWRK	Travaux de construction	építési munkálatok	lavori di costruzione	Statybos	Būvdarbi	bouwwerkzaamheden	Roboty budowlane	Obras	Lucrări de construcţii
REPAIR	Travaux de réparation	javítási munkálatok	intervento di riparazione	Remontas	Remonts	herstelwerkzaamheden	Prace remontowe	Reparações	Lucrari de reparaţii
INSPEC	Inspection	szemle	ispezione	Inspekcija; apžiūra	Inspekcija	inspectiewerkzaamheden	Inspekcja	Inspecção	Inspecţie
FIRWRK	Feux d'artifice	tüzijáték	fuochi d'artificio	Fejerverkai	Liesmu darbi	vuurwerk	Ognie sztuczne	Fogo de artifício	Focuri de artificii
LIMITA	restriction de la navigation	korlátozás	limitazioni alla navigazione	Apribojimai	Ierobežojumi	beperkingen	Ograniczenia	Restrições	Restricţii
CHGFWY	modification de la passe navigable	hajóútváltozás	modifiche del canale navigabile	Pasikeitimai farvateryje	Izmaiņas kuģu ceļā	veranderingen in de vaarweg	zmiany toru wodnego	Alterações no canal navegável	Schimbări şenal navigabil
CONSTR	rétrécissement de la passe navigable	hajóútszűkület	restrizione del canale navigabile	Vandens kelio susiaurėjimas	Ūdens ceļa sašaurinājums	beperking van de vaarweg	zwężenie toru wodnego	Estreitamento da via navegável	Ingustare cale navigabilă
DIVING	plongeurs au travail	víz alatti munka	lavori in immersione	Povandeniniai darbai	Zemūdens darbi	onderwater werkzaamheden	prace pod wodą	Trabalhos subaquáticos	Lucrări subacvatice
SPECTR	transport spécial	különleges szállítás	trasporto speciale	Specialus transportas	Īpašs transports	bijzonder transport	transport specjalny	Transporte especial	Transport special
EXT	Service étendu	nagymértékű vízeresztés	regolazione intensiva della portata idrometrica	Gausus vandens nuleidimas	Liela pārplūde	uitgebreid schutbedrijf	intensywne śluzowanie	Regime de descarga máximo	Trafic de ecluză intens
MIN	Service minimum	minimális vízeresztés	regolazione minima della portata idrometrica	Minimalius vandens nuleidimas	Minimāla pārplūde	minimaal schutbedrijf	minimalne śluzowanie	Regime de descarga mínimo	Trafic de ecluză redus

Value	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)
SOUND	Travaux de sondage	mélységmérési munka	lavori di scandaglio	Zondavimo darbai	Zondēšana	peilwerkzaamheden	pomiary głębokości	Sondagens	Lucrări de sondaj
OTHER	Autres	egyéb	diversi	Kita	Citi	overige	Inne	Outros	Altele
INFSER	Information (n'a pas d'impact sur la sécurité et n'est pas nécessaire au calcul d'itinéraire)	Tájékoztatás (nem biztonsági közlemény és útiterv készítéséhez nem szükséges)	Servizio informazioni (senza rilevanza ai fini della sicurezza e della pianificazione dell'itinerario)	Informacija (nesusijusi su saugumu ir nebūtina planuojant reisą)	Informācijas dienests (nav saistīts ar drošumu un nav vajadzīgs reisa plānošanai)	Informatieservice (niet veiligheidsgerelateerd en niet nodig voor reisplanning)	Serwis informacyjny (informacje niezwiązane z bezpieczeństwem i niewymagane do planowania rejsu)	Serviço de informações (sem relevância para a segurança e para a planificação de viagem)	Mesaj informativ (nu se referă la siguranța traficului și nu este necesar pentru planificarea voiajelor)

Value	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
EVENT	udalosť	prireditev	Evenemang	Događaj	Мероприятие	Događaj
WORK	práce	delo	Arbeten	Radovi	Работы	Radovi
DREDGE	bagrovanie	poglabljanje dna	Muddring	Iskopavanje	Землечерпательные работы	Bagerovanje
EXERC	cvičenia	vaje	Övningar	Vježbe	упражнения	Vežbe
HIGWAT	vysoký vodný stav	visok vodostaj	Högvatten	Visoke vode	Высокая вода	Visok vodostaj
HIWAI	vodný stav pre opatrnú plavbu	vodostaj, ki zahteva previdno plovbo	Försiktig navigering p.g.a. vattennivån	Vodostaj oprezne plovidbe	уровень опасный для навигации	Vodostaj koji zahteva opreznu navigaciju
HIWAII	vodný stav pri ktorom je zakázaná plavba	vodostaj, ki ne dovoljuje plovbe	Förbud p.g.a. vattennivån	Vodostaj zabrane plovidbe	уровень запрещающий навигацию	Vodostaj koji ne dozvoljava navigaciju
LOWWAT	nízky vodný stav	nizek vodostaj	Lågvatten	Niske vode	Малая вода	Nizak vodostaj
SHALLO	naplaveniny	usedlina	Slam-avsättning	Plićina	Обмеление	Plitka voda
CALAMI	havária	nesreča	Olycka	Havarija	Авария	Havarija
LAUNCH	spúšťanie na vodu	splavitev	Sjösättning	Porinuće	Спуск судна на воду	Porinuće
DECLEV	klesajúca vodná hladina	nižanje vodostaja	Sjunkande vattennivå	Spuštanje vodnog lica	Понижение уровня воды	Spuštanje vodostaja
FLOMEA	meranie prietoku	merjenje pretoka	Flödes-mätning	Mjerenje protoka	измерение скорости течения	Merenje proticaja
BLDWRK	stavebné práce	gradbena dela	Byggnads-arbete	Izgradnja	Строительство	Radovi
REPAIR	opravy	popravilo	Reparations-arbete	Popravci	Ремонтные работы	Popravka
INSPEC	inšpekcia; prehliadka; kontrola	inšpekcijski pregled	Inspektion	Inspekcija	Инспекция	Inspekcija
FIRWRK	ohňostroj	ognjemet	Fyrverkerier	Vatromet	Взрывные работы	Vatromet
LIMITA	obmedzenia	omejitve	Begräns-ningar	Ograničenja	Ограничения	Ograničenja
CHGFWY	zmeny v plavebnej dráhe	spremembe na plovni poti	ändringar av farleden	Promjene u plovnom putu	изменение фарватера	Promene u plovnom putu
CONSTR	zúženie vodnej cesty	zožanje vodne poti	smalare vattenväg	Suženje vodnog puta	строительство фарватера	Suženje rečnog toka
DIVING	práce pod vodou	podvodna dela	undervattens-arbete	Podvodni radovi	поводные работы	Podvodni radovi
SPECTR	špeciálna preprava	posebni prevoz	special-transport	Specijalan transport	специальная перевозка	Specijalni transport
EXT	rozsiahle vymieľanie	ekstenzivno odtekanje	omfattande drift	izrazito istjecanje	значительный сдвиг	Visoka kontaminacija
MIN	minimálne vymieľanie	minimalno odtekanje	minimidrift	minimalno istjecanje	минимальный сдвиг	Niska kontaminacija

Value	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
SOUND	sondovacie práce	merjenje globine	lodnings-arbete	mjerenja dubine	промерные работы	merenja dubina
OTHER	Iné	drugo	Annat	Ostalo	другое	Ostalo
INFSER	Informačná služba (netýka sa bezpečnosti ani plánovania plavby)	informacijska služba (ki ni povezana z varnostjo in ni potrebna za načrtovanje potovanja)	Informations-tjänst (inte säkerhets-relaterad och inte nödvändig för färdplanering)	Informacijska usluga (ne odnosi se na sigurnost i nije potrebna za planiranje putovanja)	Информационная служба (не значительна для безопасности и нет необходимости в ней для планирования рейса)	usluga informisanja

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)
NAP	Nap	нов амстердамски пегел	nový amsterodamský vodočet	Normal vandstand i Amsterdam	Normaler Amsterdamer Pegel	Κανονική στάθμη υδάτων Άμστερνταμ	Nivel normal de Ámsterdam	Nap	Nap	Côte normal d'Amsterdam	szokásos amsterdami vízszint	livello normale Amsterdam	Įprastinis Amsterdamo vandens lygis
KP	kp	Пегел на канала	kanálový vodočet	kp	Kanal Pegel	Στάθμη υδάτων καναλιού	Nivel local	kp	kp	Côte locale	csatornavíz-szint	livello canale	Kanalo vandens lygis
FZP	fzp	фризийски пегел	friezský vodočet	fzp	Friesischer Pegel	Στάθμη υδάτων fzp	Nivel de los canales frisones	fzp	fzp	Côte des canaux Frisons	frízföldi vízszint	livello estivo frisone	*Friesch* kanalo vandens lygis
ADR	adria	Адриатическа система	přes Adrii	adria	über Adria	Αδριατική	Mar Adriático	adria	adria	Mer Adriatique	az Adriai tenger szintje felett	livello adriatico	Adrijos sistema
TAW	Taw	общо вторично приравняване на водното ниво	druhá všeobecná úroveň vodní hladiny	Taw	2e allgemeine Wasserpassung	Δεύτερη γενική στάθμη υδάτων	2ª nivelación general	Taw	Taw	2éme nivellement général	második általános vízszintezés	secondo livello idrometrico generale	Antrasis vandens lygio suvienodinimas
PUL	Pulkovo 1942	Пулково 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942
NGM	Ngm	Нгм	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm
ETRS	Etrs89	Etrs89	Etrs89	Etrs89	Etrs89	Etrs89	Etrs89	Etrs89	Etrs89	Etrs89	Etrs89	Etrs89	Etrs89
POT	Potsdamer Datum	Координатна система Потсдам	Postupimské datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	potsdami dátum	Potsdamer Datum	Potsdamo koordinančių sistema
LDC	Low water level Danube Commission	Ниско водно ниво по Дунавската комисия	nízký plavební stav podle Dunajské komise	Lav vandstand defineret af Donau-kommissionen	RNW gemäß Donaukommission	Χαμηλής στάθμη υδάτων, Επιτροπή Δούναβη	Comisión del Danubio, nivel bajo de agua	Madala veetaseme Doonau komisjon	Tonavan suojelukomission mukainen pieni vedenkorkeus	Commission du Danube, niveau bas des eaux	Dunabizottsági hajózási kisvízszint (LKHV)	livello di magra Commissione del Danubio	Žemas vandens lygis, Dunojaus komisija

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)
HDC	High water level Danube Commission	Високо водно ниво по Дунавската комисия	nejvyšší plavební vodní stav podle Dunajské komise	Høj vandstand defineret af Donau-kommissionen	HSW gemäß Donaukommission	Υψηλή στάθμη υδάτων, Επιτροπή Δούναβη	Comisión del Danubio, nivel alto de agua	Kõrge veetaseme Doonau komisjon	Tonavan suojelukomission mukainen suuri vedenkorkeus	Commission du Danube, niveau haut des eaux	Dunabizottsági hajózási nagyvízszint (LNHV)	livello di piena Commissione del Danubio	Aukštas vandens lygis, Dunojaus komisija
ZPG	zero point of gauge	Нула на пегела	nulový bod vodočtu	Profilens nulpunkt	Pegelnullpunkt	Μηδενικό σημείο μετρητή	Punto de referencia de nivel	Mõõtmiskoha nullpunkt	vedenkorkeus mittarin nollakohta	point de référence de niveau	vízmérce nulla pontja	zero idrometrico	Nulinis vandens lygio rodmuo
GLW	equivalent low water level	Изчислено ниско водно ниво	ekvivalentní nízký vodní stav	Tilsvarende lav vandstand	Gleichwertiger Wasserstand (GLW)	Ισοσύναμη χαμηλή στάθμη υδάτων	Estiaje	Madala veetaseme ekvivalent	vastaava pieni vedenkorkeus	étiage	egyenértékű kisvízszint	livello equivalente di magra	Žemo vandens lygio ekvivalentas
HSW	highest navigable water level	Най-високо навигационно водно ниво	nejvyšší plavební vodní stav	Højeste farbare vandstand	Höchster Schifffahrtswasserstand (HSW)	Υψηλότερη πλεύσιμη στάθμη υδάτων	Nivel máximo navegable	kõrgeim navigeeritav veetase	suurin kulkukelpoinen vedenkorkeus	Plus hautes eaux navigables	legnagyobb hajózási vízszint (HNV)	massimo livello idrometrico navigabile	Aukščiausias laivybos vandens lygis
LNW	Low Navigable Water	Ниско навигационно ниво	nízký plavební vodní stav (národní)	Lav farbar vandstand	RNW (national)	Χαμηλή πλεύσιμη στάθμη υδάτων	Nivel mínimo navegable	madal navigeeritav vesi	Matala kulkukelpoinen vesi	Plus basses eaux navigable	hajózási kisvízszint (HKV)	livello di magra navigabile	Žemas laivybos vandens lygis
HNW	High Navigable Water	Високо навигационно ниво	nejvyšší plavební vodní stav (národní)	Høj farbar vandstand	HSW (national)	Υψηλή πλεύσιμη στάθμη υδάτων	Nivel alto navegable	kõrge navigeeritav vesi	Korkea kulkukelpoinen vesi	Hautes eaux navigables	hajózási nagyvízszint (HNV)	livello di piena navigabile	Aukštas laivybos vandens lygis
IGN	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69
WGS	WGS 84	WGS 84	WGS 84	WGS 84	WGS 84	WGS 84	WGS 84	WGS 84	WGS 84	WGS84	WGS 84	WGS 84	WGS 84
RN	normal level	Нормално ниво		normalniveau	Normaler Pegel	Κανονική στάθμη υδάτων	Nivel normal	normaaltase	normaali taso	Retenue normale	szokásos szint	livello idrometrico normale	Normalus lygis

Value	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
NAP	Normālais Amsterdamas ūdens līmeņrādis	Normaal Amsterdams Peil	Nap	Cota normal Amesterdão	Nivelul de referință Amsterdam	normálna amsterdamská úroveň hladiny	običajni vodostaj v Amsterdamu	Normaal Amsterdams Peil	Normalni Amsterdamski vodomjer	новый амстердамский пегел	Normalni amsterdamski vodomer
KP	Kanāla ūdens līmeņrādis	kanaalpeil	kp	Cota local	Nivelul de referință local	prevádzková úroveň hladiny v kanáli	vodostaj v kanalu	kp	Vodomjer u kanalu	Судоходный уровень канала	Vodomer u kanalu
FZP	Frīzijas ūdens līmeņrādis	Friesch Zomer Peil	fzp	Cota frísia	Nivel de referință Friesland	frízska úroveň hladiny	vodostaj v Frizijskem kanalu	fzp	Vodomjer u Frizijskom kanalu	фризийский пегел	Vodomer u Frizijskom kanalu
ADR	Adrijas sistēma	Adria-peil	adria	Adriático	Marea Adriatică	výškový systém ADRIA	nivo Jadranskega morja	adria	Razina Jadranskog mora	Адриатическая система	Nivo Jadranskog mora
TAW	Otrā vispārējā ūdens līmeņa pielāgošana	Tweede algemene waterpeil	Taw	Tweede algemene waterpiel (2º nivelamento geral)	Al doilea nivel de referință	druhá všeobecná úroveň vodnej hladiny	drugi običajni nivo	Taw	Druga opća razina	общее вторичное приравнение водного уровня	Drugi opšti nivo
PUL	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Пулково 1942	Pulkovo 1942
NGM	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm	Нгм	Ngm
ETRS	Etrs89	Etrs89	Etrs89	Etrs89	Etrs 89	Etrs89	Etrs89	Etrs89	Etrs89	Etrs89	Etrs89
POT	Potsdamas koordinātu sistēma	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdam Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Координатная система Потсдам	Potsdamer Datum
LDC	Zems ūdens līmenis, Donavas komisija	laagwaterpeil Donau-commissie	Niski stan wody wg Komisji Dunajskiej	Nível baixo da água, Comissão do Danúbio	Nivelul apei minim - Comisia Dunării	hladina nízkej regulačnej a plavebnej vody	nizek vodostaj po Donavski komisiji	Lågvatten-nivå enligt Donau-kommissionen	Nizak vodostaj po Dunavskoj komisiji	Низкая вода уровня ДК	Nizak vodostaj po Dunavskoj komisiji

Value	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
HDC	Augsts ūdens līmenis, Donavas komisija	hoogwaterpeil Donau-commissie	Wysoki stan wody wg Komisji Dunajskiej	Nível alto da água, Comissão do Danúbio	Nivelul apei maxim - Comisia Dunării	hladina vysokej plavebnej vody	visok vodostaj po Donavski komisiji	Högvatten-nivå enligt Donau-kommissionen	Visok vodostaj po Dunavskoj komisiji	Высокая вода уровня ДК	Visok vodostaj po Dunavskoj komisiji
ZPG	Ūdens līmeņrāža nulles punkts	referentiepunt peilschaal	punkt zerowy pomiaru	Ponto zero do fluviómetro	0 Miră	nulový bod mernej stanice	ničelna točka vodomera	Åmningens nollpunkt	Nulta točka vodomjerne letve	ноль уровня	Nulta tačka vodomera
GLW	Minimālais ūdens līmenis	gelijkwaardige laagwaterstand	równoważny niski stan wody	Nível baixo equivalente da água	Nivelul apei minim echivalent	ekvivalentná nízka vodná hladina	ekvivalent nizkega vodostaja	ekvivalent lågvattennivå	ekvivalentni niski vodostaj	Минимальный уровень	Ekvivalent niskom vodostaju
HSW	Augstākais kuģojamais ūdens līmenis	Hoogste scheepvaart waterstand	najwyższy stan wody dopuszczający żeglugę	Nível máximo navegável	Cel mai mare nivel al apei pentru navigație	najvyššia plavebná hladina	najvišji vodostaj, pri katerem je mogoča plovba	högsta navigerbara vattennivå	Maksimalni vodostaj dozvoljene plovidbe	Наивысший судоходный уровень	Najviši vodostaj za navigaciju
LNW	Zemākais kuģojamais ūdens līmenis	laagste scheepvaart waterstand (nationaal)	niski stan wody dopuszczający żeglugę	Nível mínimo navegável	Nivelul apei minim pentru navigație	nízka plavebná hladina	nizek vodostaj, pri katerem je mogoča plovba	lågt navigerbart vatten	Niski vodostaj dozvoljene plovidbe	Минимальный судоходный уровень	Nizak vodostaj, navigacija moguća
HNW	Augsts kuģojamais ūdens līmenis	hoogste scheepvaart waterstand (nationaal)	wysoki stan wody dopuszczający żeglugę	Nível alto navegável	Nivelul apei maxim pentru navigație	vysoká plavebná hladina	visok vodostaj, pri katerem je mogoča plovba	högt navigerbart vatten	Visoki vodostaj dozvoljene plovidbe	максимальный судоходный уровень	Visok vodostaj, navigacija moguća
IGN	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69	IGN 69
WGS	WGS 84	WGS 84	WGS 84	WGS 84	WGS84	WGS 84	WGS 84	WGS 84	WGS 84	WGS84	WGS 84
RN	Normāls ūdens līmenis	normaal peil	poziom normalny	Nível normal	Nivelul apei normal	normálna úroveň	običajen nivo	normal nivå	Normalna razina		

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)
NO	Normal	Нормално водно ниво	normální vodní stav	Normal vandstand	Regime: Normal Wasserstand	Κανονική	Normal	Tavaline	Normaali	Hauteur d´eau normale	normál vízállás	normale
HI	High	Високи води	velká voda (povodeň)	Højvande	Hochwasser	Υψηλή	Alto	Kõrge	Suuri	Plus Hautes Eaux Navigables	magas vízállás	livello idrometrico elevato
II	prohibitory water level	Възпрепятстващо водно ниво	vodní stav při kterém se zastavuje plavba	Vandstand, hvor sejlads forbydes	Marke II oder Marke III	Απαγορευτική στάθμη υδάτων	Nivel de agua de prohibición	Keelatud veetase	kiellon aiheuttava vedenkorkeus	Niveau d'eau d'interdiction	tilalmi vízszint	livello idrometrico proibitivo
I	water level of cautious navigation	Водно ниво изискващо внимателна навигация	vodní stav vyžadující zvýšenou nautickou pozornost	Vandstand, hvor sejlads udføres med særlig agtpågivenhed	Marke I.	Στάθμη υδάτων προσεκτικής ναυσιπλοΐας	Nivel de agua para navegación prudente	Ettevatliku laevatamise veetase	varovaista liikkumista edellyttävä vedenkorkeus	Niveau d'eau nécessitant une navigation prudente	kíméletes hajózási vízszint	livello idrometrico di prudenza per la navigazione
NN	normal water level for navigation	Нормално водно ниво за навигация	normální vodní stav pro plavbu	Normal vandstand for skibsfart	normaler Schifffahrtswasserstand	Κανονική στάθμη υδάτων ναυσιπλοΐας	Nivel de agua normal para navegación	Laevatamiseks normaalne veetase	normaali vedenkorkeus alusliikenteelle	Niveau Normal de Navigation	normál hajózási vízszint	livello idrometrico normale per la navigazione

Value	Meaning (LT)	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
NO	Normalus vandens lygis	Normāls ūdens līmenis	regime is normaal	Normalny	Nível da água normal	Nivelul normal	normálny vodný stav	normalen	normal	Režim: normalni vodostaj	Нормальный уровень	Normalan režim
HI	Aukštas vandens lygis	Augsts ūdens līmenis	hoogwaterregime	Wysoki	Nível da água alto	Nivelul maxim navigabil	vysoký vodný stav	visok	hög	Režim: visoke vode	Высокая вода	Visok vodostaj
II	Laivybą draudžiantis vandens lygis	Ūdens līmenis, kurā kuģošana aizliegta	waterstand met vaarverbod (Marke II)	stan wody uniemożliwiający żeglugę	Nível da água que impossibilita a navegação	Nivelul apei restrictiv pentru navigație	vodný stav pri ktorom je zakázaná plavba	vodostaj, ki ne dovoljuje plovbe	förbud p.g.a. vattennivån	Vodostaj zabrane plovidbe	уровень запрещающий навигацию	Vodostaj koji ne dozvoljava navigaciju
I	Laivybai pavojingas vandens lygis	Ūdens līmenis bīstams kuģošanai	waterstand met beperkte scheepvaart (Marke I)	stan wody wymagający ostrożnej żeglugi	Nível da água que obriga a navegação prudente	Nivelul apei de precauție pentru navigație	vodný stav pre opatrnú plavbu	vodostaj, ki zahteva previdno plovbo	försiktig navigering p.g.a. vattennivån	Vodostaj oprezne plovidbe	уровень опасный для навигации	Vodostaj koji zahteva opreznu navigaciju
NN	Laivybai tinkamas vandens lygis	Normāls ūdens līmenis kuģošanai	normaal waterpeil voor scheepvaart	normalny stan wody do żeglugi	Nível da água normal para a navegação	Nivelul apei normal pentru navigație	normálny vodný stav pre plavbu	normalen vodostaj za plovbo	normal vattennivå för trafik	Vodostaj normalne plovidbe	обычный уровень	Normalni vodostaj za navigaciju

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)
INF	Information	Информация	informace	Informations-punkt	Informationspunkt	Πληροφορίες	Información	Teave	Tiedot	Point d'information	információ	informazione	Informacija
ADD	Additional duty to report	Допълнително съобщение е задължително	dodatečná povinnost hlášení	Yderligere rapporterings-pligt	zusätzliche Meldepflicht	Πρόσθετο καθήκον αναφοράς	Obligación adicional de notificación	Täiendav tollimaks teatada	Ylimääräinen raportointivelvollisuus	Obligation complémentaire d'annonce	kiegészítő bejelentkezési kötelezettség	obbligo di ulteriore segnalazione	Privalomas papildomas pranešimas
REG	Regular duty to report	Обичаен режим за съобщение	normální povinnost hlášení	Normal rapporterings-pligt	normale Meldepflicht	Κανονικό καθήκον αναφοράς	Obligación normal de notificación	Tavatollimaks teatada	Säännöllinen raportointivelvollisuus	Obligation d'annonce normale	bejelentkezési kötelezettség	regime normale di segnalazione	Įprastas pranešimo režimas

Value	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
INF	Informācijas punkts	informatiepunt	Punkt informacyjny	Informação	Punct de informare	informácie	informacije	information	Informacijski	Пункт информации	Mesto za informacije
ADD	Papildu ziņošanas pienākums	extra meldplicht	Obowiązek dodatkowego meldowania	Obrigação adicional de comunicação	Anunț adițional	dodatočná povinnosť hlásenia	dodatna obveznost poročanja	extra rapporteringsskyldighet	Dodatna obveza izvješćivanja	Дополнительное извещение обязательно	Dodatna obaveza prijave
REG	Pastāvīgas ziņošanas pienākums	normale meldplicht	Obowiązek regularnego meldowania	Obrigação normal de comunicação	Anunț normal	normálna povinnosť hlásenia	običajna obveznost poročanja	regelbunden rapporteringsskyldighet	Redovna obveza izvješćivanja	Обычный режим извещения	Redovna obaveza prijave

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)
OBSTRU	Blockage	Препятствие	uvážvěra	Blokering	Sperre	Φραγμένο	Obstrucción	Blokeerimine	Este	Restriction	zárlat	interruzione
PAROBS	Partial obstruction	Частично препятствие	částečná uzávěra	Delvis blokering	teilweise Sperre	Μερική παρεμπόδιση	Obstrucción parcial	Osaline takistus	Osittainen este	Restriction partielle	részleges tilalom	ostruzione parziale
DELAY	Delay	Закъснение	zpoždění	Forsinkelse	Verzögerung	Καθυστέρηση	Retraso	Hilinemine	Viivästys	Délai	késedelem	ritardo
VESLEN	Vessel Length	Дължина на плавателния съд	délka plavidla	Fartøjets længde	Schiffslänge	Μήκος σκάφους	Eslora	Laeva pikkus	Aluksen pituus	Longueur du bateau	hajó hossza	lunghezza del natante
VESHEI	Vessel air draught	Височина на плавателния съд	výška plavidla	Fartøjets højde over vandlinjen	Schiffshöhe	Μέγιστο ύψος άνωθεν της εις άλλου γραμμής	Altura de la obra muerta	Laeva kõrgus veepinnast	Aluksen suurin korkeus vedenpinnasta	Tirant d'air du bateau	hajó magassága	altezza del natante dal pelo d'acqua
VESBRE	Vessel breadth	Широчина на плавателния съд	šířka plavidla	Fartøjets bredde	Schiffsbreite	Μέγιστο πλάτος σκάφους	Manga	Laeva laius	Aluksen leveys	Largeur du bateau	hajó szélessége	larghezza del natante
VESDRA	Vessel draught	Газене на плавателния съд	ponor plavidla	Fartøjets dybgang	Schiffstiefgang	Βύθισμα σκάφους	Calado	Laeva süvis	Aluksen syväys	Tirant d'eau du bateau	hajó merülése	pescaggio del natante
AVALEN	Available length	Разполагаема дължина	povolená délka	Disponibel længde	verfügbare Länge	Διαθέσιμο μήκος	Eslora disponible	Kasutatav pikkus	Käytettävissä oleva pituus	Longueur maximum	rendelkezésre álló hosszúság	lunghezza massima ammessa
CLEHEI	Clearance height	Свободна височина	podjezdní výška	Frigang i højden	Durchfahrtshöhe	Ελεύθερο ύψος διέλευσης	Gálibo vertical	Kuja kõrgus	Alikulkukorkeus	Tirant d´air maximum	szabad űrszelvény-magasság	tirante d'aria
CLEWID	Clearance width	Свободна ширина	povolená šířka	Frigang, bredde	verfügbare Breite	Ελεύθερο πλάτος διέλευσης	Gálibo horizontal	Kuja laius	Käytettävissä oleva leveys	Largeur maximum	hasznos szélesség	larghezza massima della via navigabile
AVADEP	Available depth	Възможно газене	využitelná hloubka	Vanddybde	verfügbare Tiefe	Διαθέσιμο πλάτος	Profundidad disponible	Kasutatav sügavus	Käytettävissä oleva syväys	Tirant d´eau maximum	rendelkezésre álló vízmélység	pescaggio massimo
NOMOOR	No mooring	Забранено швартоването	zákaz přistávání	Fortøjning forbudt	Anlegeverbot	Απαγόρευση αγκυροβολίας	Prohibición de amarre	Sildumine keelatud	Kiinnittyminen kielletty	Interdiction d'amarrage	veszteglési tilalom	divieto di ormeggio
SERVIC	Limited service	Ограничено обслужване	provoz omezen	Begrænset betjening	Betrieb eingeschränkt	Περιορισμένη υπηρεσία	Servicio limitado	Piiratud teenindus	Rajoitettu palvelu	Exploitation limitée	korlátozott üzem	servizio limitato
NOSERV	No service	Няма обслужване	provoz zastaven	Ingen betjening	Betriebssperre	Καμία υπηρεσία	Interrupción del servicio	Ei teenindata	Ei palvelua	Manœuvre interrompue	üzemszünet	nessun servizio

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SPEED	Speed	Скорост	nejvyšší rychlost	Hastigheds-begrænsning	Höchstgeschwindigkeit	Ταχύτητα	Límite de velocidad	Kiirus	Nopeus	Limite de Vitesse	sebességkor-látozás	velocità
WAVWAS	No wash of waves	Забранено създаване на вълни	zabraňte vlnobití	Undgå at lave efterdønninger	Sog und Wellenschlag vermeiden	Απαγόρευση πρόκλησης κυματισμών	No crear oleaje	Ei tekita voolu	Voimakkaan aallokon tuottaminen kielletty	Remous interdits	hullámkeltést elkerülni	divieto di moto ondoso
PASSIN	No passing	Забранено преминаването	zákaz potkávání	Passage er ikke tilladt	Begegnungsverbot	Απαγόρευση διέλευσης	Prohibido el paso	Läbimine keelatud	Ei läpikulkua	Trématage interdit	találkozás tilos	divieto di transito
ANCHOR	No anchoring	Забранено хвърляне на котва	zákaz kotvení	Opankring ikke tilladt	Ankerverbot	Απαγόρευση αγκυροβολίας	Prohibido fondear	Ankrusse jäämine keelatud	Ei ankkuroitumista	Mouillage interdit	horgonyozni tilos	divieto di ancoraggio
OVRTAK	No overtaking	Забранено изпреварването	zákaz předjíždění	Overhaling ikke tilladt	Überholverbot	Απαγόρευση προσπέρασης	Prohibido adelantar	Möödasõit keelatud	Ei ohittamista	Trématage interdit	előzni tilos	divieto di sorpasso
MINPWR	Minimum power	Минимална мощност	minimální výkon	Minimum kraft	Mindestantriebsleistung	Ελάχιστη ισχύς	Potencia mínima	Minimaalne võimsus	Vähimmäisteho	Puissance minimum	minimális teljesítmény	potenza minima
DREDGE	Dredging	Драгажни работи	bagrovací práce	Opmudring	Baggerarbeiten	Βυθοκόρηση	Dragado	Süvendus	Ruoppaustyöt	Dragage	kotrási munkálatok	dragaggio
WORK	Work	Работи (действия)	práce	Arbejder	Arbeiten	Εργασίες	Obras	Töötamine	Työt	Travaux	munkálatok	lavori
EVENT	Event	Случай	uspořádání akce	Begivenhed	Veranstaltung	Συμβάν	Suceso	Sündmus	Tapahtumat	Evénement	rendezvény	manifestazione
CHGMAR	Change marks	Изменение в знаците	změna značení	Ændret signalering	Verkehrszeichen geändert	Αλλαγή σημείων	Cambio de señalización	Muudatus-tähis	Merkit muuttuneet	Signalisation modifée	forgalmi jelek változtatása	segnaletica modificata
CHGSER	Change service	Изменение в услугите	provoz změněn	Ændret betjening	Betrieb geändert	Αλλαγή υπηρεσίας	Cambio de servicio	Vahetus-teenindus	Palvelu muuttunut	mancœuvre des ouvrages modifiée	üzemidõ változtatása	regime modificato
SPCMAR	Special marks	Специална сигнализация	zvláštní znaky	Særlig signalering	besondere Zeichen	Ειδικά σημεία	Señalización especial	Eritähised	Erikoismerkit	Signalisation spéciale	speciális jelek	segnaletica speciale
EXERC	Exercises	упражнения	cvičení	Øvelser	Übungen	Ασκήσεις	Ejercicios	Õppused	Harjoitukset	exercices	gyakorlatok	esercitazioni
LEADEP	Least depth sounded	Минимална дълбочина	minimální hloubka	Mindste loddede dybde	minimale Tiefe	Μικρότερο μετρηθέν βάθος	Profundidad mínima medida	Looditud väikseim sügavus	Matalin luodattu syvyys	Profondeur minimale	minimális mélység	profondità minima rilevata
LEVDEC	Decreasing water level	Намаляващо водно ниво	klesající vodní stav	Faldende vandstand	fallender Wasserstand	Μειούμενη στάθμη υδάτων	Nivel de agua en descenso	Veetaseme alanemine	Vedenkorkeus laskee	Décrue	csökkenő vízállás	livello idrometrico in diminuzione

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LEVRIS	Rising water level	Растящо водно ниво	stoupající vodní stav	Stigende vandstand	steigender Wasserstand	Αυξανόμενη στάθμη υδάτων	Nivel de agua en ascenso	Veetaseme tõusmine	Vedenkorkeus nousee	Eaux montantes	emelkedő vízállás	livello idrometrico in aumento
ANNOUN	Announcement	Обява	zpráva	Meddelelse	Nachricht	Αγγελία	Aviso	Teadaanne	Ilmoitus	Annonce	hirdetmény	annuncio
LIMITA	Limitations	Ограничение	omezení	Begrænsninger	Einschränkungen	Περιορισμοί	Limitaciones	Piirangud	Rajoitukset	Limitations	korlátozás	limitazioni
CANCEL	Notice withdrawn	Анулирано съобщение	zpráva byla zrušena	Efterretning trukket tilbage	Nachricht aufgehoben	Απόσυρση αγγελίας	Anuncio anulado	Kehtetu märguanne	Ilmoitus peruutettu	Avis annulé	hirdetmény visszavonva	segnalazione revocata
MISECH	False radar echos	Грешно радарно ехо	falešná ozvěna	Falsk radarekko	Geisterechos	Εσφαλμένα σήματα ραντάρ	Ecos radar falsos	Radari vale kajasignaal	Virheellisiä tutkakaikuja	Faux échos radar	hamis radarvisszhangok	rilevazioni radar distorte
ECDISU	Inland ECDIS update	Обновяване на ECDIS	aktualizace informací Inland ECDIS	Inland ECDIS update	Inland ECDIS Update	Επικαιροποίηση ECDIS εσωτ. ναυσ.	Actualización ECDIS fluvial	Uuendatud sisemaine ECDIS	Sisävesiliikenteen ECDIS:n päivitys	Mise à jour des données Inland ECDIS	Inland ECDIS frissítés	aggiornamento ECDIS interno
NEWOBJ	New object	Нов обект	nový objekt	Nyt objekt	neues Objekt	Νέο αντικείμενο	Nuevo objeto	Uus ese	Uusi kohde	Nouvel objet	Új objektum	nuovo oggetto
WARNIN	Warning	Внимание	varování	Advarsel	Warnung	Προειδοποίηση	Alarma	Hoiatus	Varoitus	Avertissement	figyelmeztetés	allerta
CHWWY	changing in the waterway	Промени във водния път	změna na vodní cestě	ændring af farvandet	Änderung der Wasserstraße	Αλλαγή εντός πλωτής οδού	Cambio en la vía navegable	Veetee muutmine	vesiväylän muutos	modification de la passe navigable	hajóútváltozás	modifica della via navigabile
CONWWY	constriction of waterway	Строителни работи по водния път	zúžení vodní cesty	indsnævring af vandvejen	Einengung der Wasserstraße	Κατασκευή πλωτής οδού	Estrechamiento de vía navegable	Veetee konstrikt-sioon	vesiväylän kaventuminen	rétrécissement de la passe navigable	hajóútszűkület	strettoia
DIVER	diver under the water	Водолазни работи	práce pod vodou	dykkere i vandet	Arbeiten unter Wasser	Υποβρύχιες εργασίες	Presencia de submarinistas	Tuuker vee all	sukeltaja veden alla	plongeurs au travail	vízalatti munkák	sommozzatore in immersione
SPECTR	special transport	Специализиран транспорт	zvláštní přeprava	særlig transport	Sondertransport	Ειδικές μεταφορές	Transporte especial	Erivedu	erikoiskuljetus	transport spécial	különleges szállítás	trasporto speciale
LOCRUL	local rules of traffic	Местни (локални) правила за движение	místní úprava plavebních předpisů	lokale trafikregler	lokal gültige Verkehrsvorschriften	Τοπικοί κανόνες κυκλοφορίας	Normas locales de tráfico	Kohalikud liiklusees-kirjad	paikalliset liikennöintisäännöt	règlements de navigation locaux	helyi közlekedési rend (R)	regole di traffico locali
VHFCOV	Radio coverage	Радио покритие (обхват)	rádiové pokrytí	Radiodækning	Funkabdeckung	Κάλυψη ασυρμάτου	Cobertura de radio	Raadio leviala	Radion kuuluvuusalue	Couverture radio	rádiós lefedettség	copertura radio
HIGVOL	High voltage conduction	Високо напрежение	vedení vysokého napětí	Højspændings kabler	Hochspannung	Αγωγός υψηλής τάσης	Línea de alta tensión	Kõrgepinge-juhtivus	Korkeajännitej ohto	Ligne haute tension	nagy feszültségű átfeszítés	alta tensione

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OBSTRU	Blokavimas	Bloķēts	stremming	Zamknięcie	Obstrução	Restricție	blokáda	zapora	blockering	Prepreka	Закрыто	Prepreka
PAROBS	Dalinis blokavimas	Daļēji bloķēts	gedeeltelijke stremming	Częściowe zamknięcie	Obstrução parcial	Restricție parțială	čiastočné prekážky	delna zapora	delvis obstruktion	Djelomična prepreka	Частично закрыто	Delimična prepreka
DELAY	Delsa	Aizkavējums	oponthoud	Opóźnienie	Demora	Intârziere	meškanie	zamuda	försening	Kašnjenje	Задержка	Kašnjenje
VESLEN	Laivo ilgis	Kuģa garums	scheepslengte	Długość statku	Comprimento (embarcação)	Lungimea navei	dĺžka plavidla	dolžina plovila	fartygslängd	Duljina broda	Длина судна	Dužina plovila
VESHEI	Laivo aukštis virš vandens	Kuģa virsūdens augstums	scheepshoogte	Wysokość statku	Altura acima linha de água (embarcação)	Inălțimea deasupra liniei de plutire	výška plavidla	prosta višina plovila	fartygets höjd över vattenytan	Visina najviše fiksne točke broda iznad vode	Высота судна	Visina plovila
VESBRE	Laivo plotis	Kuģa platums	scheepsbreedte	Szerokość statku	Boca (embarcação)	Lațimea navei	šírka plavidla	širina plovila	fartygsbredd	Širina broda	Ширина судна	Širina plovila
VESDRA	Laivo grimzlė	Kuģa iegrime	diepgang	Zanurzenie statku	Calado (embarcação)	Pescajul navei	ponor plavidla	ugrez plovila	fartygets djupgående	Gaz broda	Осадка	Gaz plovila
AVALEN	Leistinas ilgis	Pieļaujamais garums	doorvaartlengte	Długość użytkowa	Comprimento disponível	Lungimea admisă	povolená dĺžka	razpoložljiva dolžina	tillgänglig längd	Raspoloživa duljina	Ограничение длины	Raspoloživa dužina
CLEHEI	Leistinas aukštis	Pieļaujamais augstums	doorvaarthoogte	Wysokość w świetle	Altura livre	Gabaritul de înălțime	podjazdná výška	prosta višina prehoda	frihöjd	Visina plovnog otvora	ограничение высоты	Slobodna visina
CLEWID	Leistinas plotis	Pieļaujamais platums	doorvaartbreedte	Szerokość w świetle	Largura livre	Gabaritul de lățime	prejazdná šírka	prosta širina prehoda	farledsbredd	Širina plovnog otvora	Ограничение ширины	Slobodna širina
AVADEP	Esamas gylis	Ūdens dziļums	beschikbare waterdiepte	Głębokość użytkowa	Profundidade disponível	Adîncimea disponibilă	dostupná hĺbka	razpoložljiva globina	tillgängligt djup	Raspoloživa dubina	Существующая глубина	Raspoloživa dubina
NOMOOR	Draudžiama švartuotis	Pietauvošanās aizliegta	afmeerverbod	Zakaz cumowania	Proibição de amarrar	Interdicție de acostare	zákaz vyväzovania	prepovedan privez	förtöjning förbjuden	Zabranjen vez	Швартовка запрещена	Zabranjeno vezivanje
SERVIC	Ribotas aptarnavimas	Ierobežots pakalpojums	beperkte service	Usługa ograniczona	Serviço limitado	Manevră restricționată	obmedzená prevádzka	omejena storitev	begränsad service	Ograničena usluga	Ограниченое обслуживание	Ograničena usluga
NOSERV	Neaptarnaujama	Pakalpojums nav pieejams	geen bediening	Usługa niedostępna	Interrupção do serviço	Manevră interzisă	zastavená prevádzka	ni storitve	serviceförbud	Nema usluge	Не обслуживаемое	Bez usluge

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SPEED	Ribojamas greitis	Ātruma ierobežojums	snelheidsbeperking	Ograniczenie szybkości	Limite de velocidade	Limită de viteză	najvyššia povolená rýchlosť	hitrost	hastighet	Brzina	Ограничение скорости	Brzina
WAVWAS		Neradīt viļņus	hinderlijke waterbeweging vermijden	Zakaz tworzenia fal	Não causar ondulação	Formarea valurilor interzisă	zákaz vlnobitia	prepovedano povzročanje valov	undvik svall	Zabranjeno pravljenje valova	Берегись волны	Zabranjeno pravljenje talasa
PASSIN	Plaukti draudžiama	Aizliegts šķērsot	ontmoeten verboden	Zakaz wymijania	Proibição de passar	Traversarea interzisă	zákaz preplávania	prepovedan prehod	passering förbjuden	Zabranjen prolaz	Нет прохода	Zabranjen prolaz
ANCHOR	Draudžiama nuleisti inkarą	Noenkuroties aizliegts	ankeren verboden	Zakaz kotwiczenia	Proibição de ancorar	Ancorarea interzisă	zákaz kotvenia	prepovedano sidranje	ankring förbjuden	Zabranjeno sidrenje	Якорная стоянка запрещена	Zabranjeno sidrenje
OVRTAK	Draudžiama lenkti	Apdzīt aizliegts	voorbijlopen verboden	Zakaz wyprzedzania	Proibição de cruzar ou ultrapassar	Depăşirea interzisă	zákaz predchádzania	prepovedano prehitevanje	omkörning förbjuden	Zabranjeno pretjecanje	Обгон запрещен	Zabranjeno prestizanje
MINPWR	Mažiausia galia	Minimālā jauda	minimaal vermogen	Minimalna moc napędu	Potência mínima	Putere minimă	minimálny výkon	najmanjša moč	minsta motoreffekt	Minimalna snaga	минимальная мощность	Minimalna snaga
DREDGE	Dugno gilinimas	Bagarēšanas darbi	baggerwerkzaamheden	Pogłębianie	Dragagens	Lucrări de dragaj	bagrovacie práce	poglabljanje dna	muddring	Bageriranje	Встречное движение	Bagerovanje
WORK	Darbai	Darbs	werkzaamheden	Prace	Trabalhos	Lucrări	práce	delo	arbeten	Radovi	Прооводятся работы	Radovi
EVENT	Įvykis	Pasākums	evenement	Impreza	Evento	Eveniment	udalosť	prireditev	evenemang	Događaj	Мероприятие	Događaj
CHGMAR	Ženklų keitimas	Mainītas zīmes	gewijzigde markering	Zmiana oznakowania	Alteração da sinalização	Semnalizare modificată	zmena značenia	sprememba oznak	ändrad märkning	Promjena navigacijske oznake	Изменение знаков	Promena oznaka
CHGSER	Aptarnavimo pasikeitimai	Pakalpojums mainīts	gewijzigde bediening	Zmiana obsługi	Alteração do serviço	Manevre modificate	zmena prevádzkových hodín	sprememba storitve	förändrad drift	Promjena usluge	Изменение часов работы	Promena usluge
SPCMAR	Specialieji ženklai	Īpašas zīmes	bijzondere markering	Znaki specjalne	Sinalização especial	Semnalizare specială	špeciálne značenie	posebne oznake	särskilda markeringar	Posebne oznake	Специальные знаки	Posebne oznake
EXERC	Pratybos	Vingrinājumi	oefeningen	Ćwiczenia	Exercícios	Exerciţii	cvičenia	vaje	övningar	Vježbe	упражнения	Vežbe
LEADEP	Mažiausias gylis	Mazākais izmērītais dziļums	minst gepeilde diepten	Najmniejsza zmierzona głębokość	Profundidade mínima medida	Adâncime minimă	minimálna hĺbka	najmanjša izmerjena globina	minsta lodade djup	Minimalna dubina	Последенее зафиксированое значение глубины	Najmanja izmerena dubina
LEVDEC	Mažėjantis vandens lygis	Krītošs ūdens līmenis	afnemend water	Spadek stanu wody	Descida do nível da água	Scăderea nivelului apei	klesajúca vodná hladina	nižanje vodostaja	sjunkande vattennivå	Vodostaj u opadanju	Падающий уровень воды	Spuštanje vodostaja

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LEVRIS	Kylantis vandens lygis	Kāpjošs ūdens līmenis	wassend water	Wzrost stanu wody	Subida do nível da água	Creşterea nivelului apei	stúpajúca vodná hladina	višanje vodostaja	stigande vattennivå	Vodostaj u porastu	Повышающийся уровень	Porast vodostaja
ANNOUN	Pranešimas	Paziņojums	mededeling	Komunikat	Comunicado	Anunț	oznámenie	obvestilo	meddelande	Najava	Оповещение	Najava
LIMITA	Apribojimai	Ierobežojumi	beperkingen	Ograniczenia	Restrições	Limitări	prekážka	omejitve	begränsningar	Zapreka	Ограничение	Ograničenje
CANCEL	Atšauktas pranešimas	Paziņojums atcelts	bericht ingetrokken	Komunikat odwołany	Aviso anulado	Aviz anulat	správa bola zrušená	obvestilo preklicano	återkallad märkning	Povučena obavijest	Отмена	Opoziv obaveštenja
MISECH	Klaidingi radaro rodmenys	Maldigs radara ehosignals	valse echo's	Fałszywe echa radarowe	Ecos radar falsos	Ecou radar fals	falošná odozva	napačni odmev sonarja	falska radarekon	Pogrešan odziv	Закрыто для радара	Lažni odziv
ECDISU	Inland ECDIS informacijos atnaujinimas	*Inland ECDIS* informācijas atjaunošana	Inland ECDIS update	Aktualizacja Inland ECDIS	Actualização ECDIS-Fluvial	Actualizarea datelor ECDIS	aktualizácia Inland ECDIS	posodobitev celinskega ECDIS	uppdatering av inlands-ECDIS	Nadopuna Inland ECDIS	Обновление Inland ECDIS информации	Ažuriranje Inland ECDIS
NEWOBJ	Naujas objektas	Jauns objekts	nieuw object	Nowy obiekt	Novo objecto	Obiect nou	nový objekt	nov objekt	nytt föremål	Novi objekt	Новый объект	Novi objekat
WARNIN	Įspėjimas	Brīdinājums	waarschuwing	Ostrzeżenie	Alerta	Avertisment	varovanie	opozorilo	varning	Upozorenje	Предупреждение	Upozorenje
CHWWY	Pakeitimai vandens kelyje	Izmaiņas kuģu ceļā	verandering van de vaarweg	zmiany toru wodnego	Alterações na via navegável	Modificări ale căii navigabile	zmeny na vodnej ceste	spremembe na vodni poti	ändring av farleden	Promjene na plovnom putu	Изменение фарватера	Promene u rečnom toku
CONWWY	Vandens kelio susiaurėjimas	Ūdens ceļa sašaurinājums	beperking van de vaarweg	zwężenie toru wodnego	Estreitamento da via navegável	Ingustareaa căii navigabile	zúženie vodnej cesty	zožanje vodne poti	smalare farled	Suženje plovnog puta	строительство фарватера	Suženje rečnog toka
DIVER	Vandenyje naras	Ūdenslīdēju darbi	duikwerkzaam heden	nurek pod wodą	Presença de mergulha-dores	Scafandru în apă	práce pod vodou	dela pod vodo	dykare i vattnet	Ronilac pod vodom	водолаз под водой	Ronilac pod vodom
SPECTR	Specialus transportas	Īpašs transports	bijzonder transport	transport specjalny	Transporte especial	Transport special	špeciálna preprava	posebni prevoz	specialtransport	Poseban transport	Специальная перевозка	Specijalni transport
LOCRUL	Vietinės laivų eismo taisyklės	Vietēji satiksmes noteikumi	lokale scheepvaart voorschriften	miejscowe przepisy ruchu statków	Regras de tráfego locais	Regulamente locale de trafic	lokálne pravidlá plavby	lokalna prometna pravila	lokala trafikregler	Lokalni prometni propisi	Местные правила движения	Lokalna pravila saobraćaja
VHFCOV	Radijo ryšio zona	Radiosignālu pārklājums	radiobereik	Pokrycie radiowe	Cobertura rádio	Acoperire radio	rádiové pokrytie	pokritost radijskih zvez	radiotäckning	Radijska pokrivenost	Покрытие радиосигналом	Radio
HIGVOL	Aukštos įtampos linijos	Augstsprieguma	hoogspanning	Linia wysokiego napięcia	Linha de alta tensão	Linie de înaltă tensiune	vedenie vysokého napätia	visoka napetost	högspänningsledning	Visoki napon	высоковольтный кабель	Visoki napon

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)	Meaning (LV)
ALL	All	Всички	všichni	Alle	alle	Όλα	Todos	Kõik	Kaikki	Tous les usagers	mindenkire vonatkozó	tutti	Visi	Visi
CDG	Commercial vessels with dangerous goods	Търговски кораб превозващ опасни товари	obchodní loď s nákladem nebezpečných věcí	Handelsskibe med farligt gods	kommerzielle Fahrzeuge mit gefährlichen Gütern	Εμπορικά σκάφη με επικίνδυνο φορτίο	Embarcaciones comerciales con mercancías peligrosas	Ohtliku lastiga kaubalaev	Kauppa-alukset, joissa on vaarallisia aineita	Transports de matières dangereuses	kereskedelmi hajó veszélyes áruval	natanti mercantili con carichi pericolosi	Prekybos laivai su pavojingu kroviniu	Komerckuģi ar bīstamu kravu
COM	Commercial vessels	Търговски кораб	obchodní loď	Handelsskibe	kommerzielle Fahrzeuge	Εμπορικά σκάφη	Embarcaciones comerciales	Kauba-laevad	Kauppa-alukset	Bateau de commerce	kereskedelmi hajó	natanti mercantili	Prekybos laivai	Komerckuģi
PAX	Passengervessels	Пътнически кораб	osobní loď	Passagerskibe	Fahrgastschiffe	Επιβατηγά σκάφη	Embarcaciones de pasajeros	Reisilaevad	Matkustaja-alukset	Bateau à passagers	személyszállító hajó	navi passeggeri	Keleiviniai laivai	Pasažieru kuģi
PLE	Pleasurecraft	Спортен или увеселителен кораб	sportovní člun	Fritidsfartøjer	Sportboote	Σκάφη αναψυχής	Embarcaciones de recreo	Lõbusõidu-laev	Huvialukset	Bateau de plaisance	kedvtelési célú hajó	natanti da diporto	Pramoginiai laivai	Izpriecešojumu kuģi
CNV	Convoys	Конвой	skupina plavidel	Konvojer	Verbände	Νηοπομπές	Convoyes	Koosseis	Kytkyeet	Convoi	hajókötelék	convogli	Konvojus	Karavānas
PUS	Pushed convoys	Конвой на тласкане	tlačná sestava	Skubbekonvojer	Schubverbände	Ωθούμενες νηοπομπές	Convoyes empujados	Tõugatav koosseis	Työnnetyt kytkyeet	convois poussés	tolt kötelékek	convogli spinti	Konvojus su vilkiku	Karavānas ar stūmēju
NNU	non navigating users	Потребители извън навигация	jiní než nautičtí uživatelé	brugere uden for skibsfart	andere als nautische Nutzer	Χρήση εκτός ναυσιπλοΐας	Usuarios no navegantes	muud kasutajad, v.a alused	muut käyttäjät kuin vesilläliikkujat	usagers non navigants	nem hajózási használók	utilizzatori non in navigazione	Ne laivybos tikslais	Ar kuģošanu nesaistīti izmantotāji

Value	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
ALL	alle scheepvaart	Wszystkie jednostki	Todos os utentes	Toți utilizatorii	všetci (používatelia)	vsi	Alla	Sve vrste plovila	Все суда	Sve vrste plovila
CDG	beroepsvaart gevaarlijke stoffen	Statki handlowe przewożące ładunki niebezpieczne	Embarcações de comércio com mercadorias perigosas	Transport de materiale periculoase	obchodné lode s nebezpečným tovarom	trgovska plovila z nevarnim blagom	handelsfartyg med farlig last	Komercijalno plovilo s opasnim teretom	Торговое судно с опасным грузом	Komercijalno plovilo s opasnim teretom
COM	beroepsvaart	Statki handlowe	Embarcações de comércio	Navă comercială	obchodné lode s nebezpečným tovarom	trgovska plovila	handelsfartyg	Komercijalno plovilo	Торговое судно	Komercijalno plovilo
PAX	passagiersschepen	Statki pasażerskie	Embarcações de passageiros	Navă de pasageri	osobné lode	potniška plovila	Passagerarfartyg	Putničko plovilo	Пассажирское судно	Putničko plovilo
PLE	recreatievaart	Statki rekreacyjne	Embarcações de recreio	Navă de agrement	výletné lode	plovila, namenjena za šport in rekreacijo	Fritidsbåtar	Plovilo za razonodu	Спортивное судно	Sportsko-rekreativno plovilo
CNV	samenstel	Konwoje	Comboios	Convoi	zostavy	konvoji	konvojer	Konvoj	Караван	Sastav/Konvoj
PUS	duweenheid	Konwoje pchane	Comboios empurrados	Convoi împins	tlačné zostavy	potisni konvoji	påskjuten konvoj	Gurani konvoj	караван с толкачем	Gurani sastav/konvoj
NNU	niet nautische gebruikers	Użytkownicy nieżeglujący	Utentes não navegantes	Personal nenavigant	neplávajúci užívatelia	uporabniki, ki ne plujejo	andra än sjöfarande	Korisnici koji ne plove	для несудоходных целей	Korisnici koji nemaju navigaciju

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)
RIV	River	Река	řeka	Flod	Fluss	Ποταμός	Río	Jõgi
CAN	Canal	Канал	kanál	Kanal	Kanal	Κανάλι	Canal	Kanal
LAK	Lake	Езеро	jezero	Sø	See	Λίμνη	Lago	Järv
FWY	Fairway	Фарватер	vodní cesta	Farvand	Fahrwasser	Δίαυλος	Vía navegable	Faarvaater
LCK	Lock	Бараж	plavební komora	Sluse	Schleuse	Υδατοφράκτης	Esclusa	Lüüs
BRI	Bridge (fixed, opening, lifting, aqueduct)	Мост - постоянен, отварящ се, повдигащ се, виадукт	most	Bro (fast, mobil, akvædukt)	Brücke	Γέφυρα (σταθερή, ανοιγόμενη, ανυψωνόμενη, υδραγωγός)	Puente (fijo, móvil)	Sild (fikseeritud, avatav, tõstetav, akvedukt)
RMP	Ramp	Рампа	rampa	Rampe	Rampe	Πλατοφόρμα	Rampa	Ramp
BAR	Weir	Бент	jez	Overløbsdæmning	Wehr	Φράγμα ποταμού	Presa	Ülevoolupais
BNK	Bank (River bank, canal bank, lake shore)	Бряг - речен, на канал, на езеро	břeh	Bred (flodbred, kanalbred, søbred)	Ufer	Όχθη (όχθη ποταμού, όχθη καναλιού, ακτή λίμνης)	Margen (río, canal, lago)	Kallas (jõe kallas, kanali äär, järve rand)
GAU	Tide gauge	Водомерна станция	vodočet	Tidevandsmåler	Pegel	Παλιρροιογράφος	Mareógrafo	Tõusu ja mõõna mõõtur
BUO	Buoy	Буй	bóje	Bøje	Boje	Σημαντήρας	Boyas	Poi
BEA	Beacon	Маяк	signalizační plavební znak	Fast sømærke	Bake	Υφαλοδείκτης	Balizas	Paak
ANC	Anchoring area	Котвена стоянка	kotviště	Opankringsområde	Ankerplatz	Περιοχή αγκυροβολίας	Fondeadero	Ankruplats
BER	Berth	Корабно място (кей)	vývaziště	Kajplads	Liegestelle	Αποβάθρα	Atracadero	Kai
MOO	Mooring facility	Швартово устройство	vyvazovací zařízení	Fortøjningsanlæg	Festmacheeinrichtung	Εγκατάσταση πρόσδεσης	Amarradero	Sildumis-rajatis
TER	Terminal	Терминал	překladiště	Terminal	Umschlagplatz	Τερματικός σταθμός	Terminal	Terminal
HAR	Harbour	Пристанище	přístav	Havn	Hafen	Λιμάνι	Puerto	Sadam
FDO	Floating dock	Плаващ док	plovoucí dok	Flydedok	Schwimmdock	Πλωτή αποβάθρα	Muelle flotante	Ujuvdokk
CAB	Cable overhead	Далекопровод	vzdušné vedení kabelu	Luftledning	Überspannung	Εναέριο καλώδιο	Cable aéreo	Elektriliin
FER	Ferry	Фериботни буксирни въжета	lanová převozní loď	Kabelfærge	Fähre	Πορθμείο με σχοινιά	Andarivel	Kaablipraam
PIP	Pipeline	Тръбопровод	potrubí	Rørledning	Pipeline	Αγωγός	Conductos	Torujuhe
PPO	Pipeline overhead	Надземен тръбопровод	nadzemní vedení potrubí	Rørbro	Rohrbrücke	Εναέριος αγωγός	Conductos aéreos	Torustiku liin
HFA	Harbour facility	Пристанищно оборудване	přístavní zařízení	Havneanlæg	Hafeneinrichtung	Λιμενική εγκατάσταση	Instalación portuaria	Sadama rajatis
HMO	Harbour master´s office	Капитан на пристанището	kancelář vedoucího přístavu	Havnekontor	Hafenmeisterbüro	Λιμεναρχείο	Capitanía de puerto	Sadamakap-teni büroo
SHY	Shipyard	Корабостроителница	loděnice	Skibsværft	Werft	Ναυπηγείο	Astillero	Laevatehas

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)
REF	Refuse dump	Сметище	sběrna odpadu	Affaldsdeponi	Abfallsammelstelle	Χώρος απόρριψης αποβλήτων	Depósito de residuos	Prahikallur
MAR	Notice mark	Информационно табло	plavební znak	Advarselsmærke	Schifffahrtszeichen	Προειδοποιητικό σημείο	Panel de señalización	Teatise tähis
LIG	Light	Светло	světlo	Lys	Feuer	Φανός	Alumbrado	Tuli
SIG	Signal station	Сигнална станция	signální stanice	Signalstation	Signalstation	Σηματοφορικός σταθμός	Estación de señalización	Märguande-punkt
TUR	Turning basin	Обръщателен кръг	obratiště	Vendebassin	Wendestelle	Λεκάνη στροφής	Cuenca de maniobra	Pöörde eeldokk
CBR	Canal bridge	Мост на канал	přemostění kanálu	Kanalbro	Kanalbrücke	Γέφυρα καναλιού	Puente canal	Kanalisild
TUN	Tunnel	Тунел	tunel	Tunnel	Tunnel	Σήραγγα	Túnel	Tunnel
BCO	Border Control	Граничен контрол	hraniční kontrola	Grænsekontrol	Grenzstation	Συνοριακός έλεγχος	Puesto fronterizo	Piirikontroll
REP	Reporting Point	Контролен пост	místo hlášení	Rapporteringspunkt	Meldepunkt	Σημείο αναφοράς	Puesto de notificación	Aruandlus-punkt
FLO	Flood gate	шлюз	ochranná vrata	Overløbslukke	Sperrtor	Θύρα υδροφράχτη	Compuertas	Tõusuvee-tõke

Value	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)	Meaning (LV)	Meaning (NL)	Meaning (PL)
RIV	Joki	Rivière	folyó	fiume	Upė	Upe	rivier	Rzeka
CAN	Kanava	Canal	csatorna	canale	Kanalas	Kanāls	kanaal	Kanał
LAK	Järvi	Bassin	tó	lago	Ežeras	Ezers	meer	Jezioro
FWY	Väylä	Chenal	hajóút	canale navigabile	Farvateris	Kuģu ceļš	vaarweg	Tor wodny
LCK	Sulku	Ecluse	zsilip	conca	Šliuzas	Slūžas	sluis	Śluza
BRI	Silta (kiinteä, avattava, nostosilta, kanavasilta)	Pont (fixe, mobile)	híd (állandó, nyitható)	ponte (fisso, mobile)	Tiltas (stacionarus, atidaromas, pakeliamas, akvedukas)	Tilts (nekustīgs, paceļams, nolaižams, akvedukts)	brug	Most (stały, otwierany, zwodzony, akwedukt
RMP	Ramppi	Plan incliné	rámpa	rampa	Rampa	Traps	helling	Pochylnia
BAR	Pato	Barrage	gát	sbarramento	Užtvara	Aizsprosts	stuw	Jaz
BNK	Ranta (joen, kanavan, järven ranta)	Berge (de rivière, de canal, de bassin)	part	sponda (o riva, di fiume, canale, lago)	Krantas (upės krantas, kanalo krantas, ežero pakrantė)	Krasts (upes krasts, kanāla krasts, ezera krasts)	oever	Brzeg (rzeki, kanału, jeziora)
GAU	Vuorovesimittari	Échelle/Marégraphe	vízmérce	mareometro	Mareografas	Paisuma/ bēguma līmeņrādis	peilschaal	Pływomierz
BUO	Poiju	Bouée	bója	boa	Plūduras; buja	Boja	boei	Boja
BEA	Merimerkki	Balise	parti (irány)jel	gavitello	Švyturio žibintas	Bāka	baken	Stawa
ANC	Ankkurointialue	zone de stationnement	horgonyzó-hely	area di ancoraggio	Inkaravimosi vieta	Enkurvieta	ankerplaats	Kotwicowisko
BER	Laituripaikka	point de stationnement	kikötőhely	attracco	Prieplauka	Pietauvošanas vieta	ligplaats	Miejsce postoju
MOO	Kiinnittymislaitteisto	Aménagement d´amarrage	kikötőberendezés	struttura di ormeggio	Švartavimo įrenginys	Pietauvošanas ierīce	afmeer faciliteit	Cumowisko
TER	Terminaali	Terminal	rakodó	terminal	Terminalas	Terminmāls	terminal	Terminal
HAR	Satama	Port	kikötő	porto	Uostas	Osta	haven	Port
FDO	Uiva telakka	Pontons	úszódokk	bacino galleggiante	Plūdrusis dokas	Peldošais doks	drijvend dok	Dok pływający
CAB	Kaapeli yläpuolella	Câble suspendu (Chemin de câbles, lignes électriques)	átfeszítés	cavo sospeso	Iškeltas kabelis	Kabeļu pārvads	overhangende kabel	Kabel napowietrzny
FER	Lossi	Bac à cable	Köteles komp	funivia	Lyninis keltas	Prāmis ar trosi	veerpont (kabel)	Prom linowy
PIP	Putkijohto	Oléoduc	csővezeték	conduttura	Vamzdynas	Cauruļvads	pijpleiding	Rurociąg
PPO	Putkijohto yläpuolella	Oléoduc aérien	csőhíd	conduttura sospesa	Virš vandens iškeltas vamzdynas	Cauruļvadu pārvads	overhangende pijpleiding	Rurociąg napowietrzny
HFA	Satamalaitteisto	Installation portuaire	kikötői létesítmény	istallazione portuale	Uosto įranga	Ostas iekārta	haven faciliteit	Obiekt portowy
HMO	Satamakonttori	Capitainerie	kikötő kapitányság	capitaneria di porto	Uosto kapitonas	Ostas kapteiņa dienests	havenkantoor	Kapitanat portu
SHY	Telakka	Chantier naval	hajógyár	cantiere navale	Laivų statykla	Kuģu būvētava	werf	Stocznia

Value	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)	Meaning (LV)	Meaning (NL)	Meaning (PL)
REF	Jäteasema	Station de collecte de déchets	hulladéklerakó	punto raccolta rifiuti	Išmestas gruntas	Atkritumu izgāztuve	afval afgiftepunt	Wysypisko śmieci
MAR	Ilmoitusmerkki	Panneau de signalisation	hajózási jel(zés)	segnalazione	Įspėjimo ženklas	Informatīva zīme	verkeersteken	Znak informacyjny
LIG	Valo	Feux	fény	fanale	Šviesos	Gaisma	licht	Światło
SIG	Merkinantoasema	Station de signalisation	jelzőállomás	stazione di segnalamento	Signalų stotis	Signālstacija	seinstation	Stacja sygnalizacyjna
TUR	Kääntöallas	Bassin de virage	fordítóhely	bacino di manovra	Apsisukimo baseinas	Pagriešanās vieta	zwaaikom	Obrotnica
CBR	Kanavasilta	Pont Canal	csatornahíd	acquedotto	Kanalo tiltas	Kanāla tilts	aquaduct	Most kanałowy
TUN	Tunneli	Tunnel	alagút	tunnel	Tunelis	Tunelis	tunnel	Tunel
BCO	Rajatarkastus	Poste de douane	határállomás	controllo di frontiera	Pasienio kontrolė	Robežkontrole	grensstation	Kontrola graniczna
REP	Raportointipiste	Poste de contrôle	jelentkezési pont	punto di controllo	Kontrolės punktas	Ziņošanas vieta	meldpunt	Punkt meldunkowy
FLO	Sulkuportti	Porte de garde	zsilipkapu	paratoia	Dambos uždoris	Slūžas	keersluis	Śluza

Value	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
RIV	Rio	Fluviu	rieka	reka	Flod	Rijeka	Река	Reka
CAN	Canal	Canal	kanál	kanal	Kanal	Kanal	Канал	Kanal
LAK	Lago	Lac	jazero	jezero	Sjö	Jezero	Озеро	Jezero
FWY	Via navegável	Şenal	plavebná dráha	plovna pot	Farled	Plovni put	Фарватер	Plovni put
LCK	Eclusa	Ecluză	plavebná komora	zapornica	Sluss	Ustava	Шлюз	Prevodnica
BRI	Ponte (fixa, móvel, aqueduto)	Pod (fix, mobil)	most (pevný, otvárací, zdvíhací,akvadukt...)	most (fiksni, odpiranje, dviganje, akvadukt)	Bro (fast, öppningsbar, lyftbro, akvedukt)	Most	Мост	Most (fiksni, otvaranje, podizanje, akvadukt
RMP	Rampa	Rampă	rampa	rampa	ramp	Rampa	Рампа	Rampa
BAR	Barragem	Baraj	hať	jez	damm	Pregrada	Плотина	Ustava
BNK	Margem (rio, canal, lago)	Mal înalt (râu, canal, bazin)	breh (breh rieky, breh kanála, breh jazera)	breg (rečni breg, breg kanala, obala jezera)	Bank (flodbank, kanalbank, sjöstrand)	Obala	берег водоема (реки, канала, озера)	Obala (reke, kanala, jezera)
GAU	Fluviómetro / marégrafo	Miră de maree	stanica merania prílivu	vodomerna postaja	tidvattenmätare	Vodomjerna postaja	водомерная станция, водомер	Vodomerna stanica
BUO	Bóia	Geamandură	bója	plovec	boj	Plutača	Буй	Bova
BEA	Baliza	Baliză	maják	svetilnik	signalboj	Signal	Маяк	Svetionik
ANC	Ancoradouro	Sector de ancorare	kotvisko	sidrišče	ankringsområde	Područje sidrenja	Якорная стоянка	Sidrište
BER	Cais / fundeadouro	Punct de ancorare	vyväzisko lodí	privez	kaj	Vez	Причал	Privezište
MOO	Posto de amarração	Posibilitate de acostare	vyväzovacie zariadenie	naprava za privez	förtöjningsanläggning	Naprava za privez	Швартовое устройство	Oprema za izvezivanje
TER	Terminal	Terminal	terminál	terminal	terminal	Terminal	Терминал	Terminal
HAR	Porto	Port	prístav	pristanišče	hamn	Luka	Гавань	Luka
FDO	Doca flutuante	Ponton	plávajúci dok	plavajoči dok	flytdocka	Plutajući dok	плавучий док	Ploveći dok
CAB	Cabo aéreo	Cablu suspendat	vzdušné vedenie kábla	zračni daljnovod	luftledning	Viseći dalekovod	оконечность кабеля	Dalekovod
FER	*Ferry* de cabo	Bac pe cablu	lanová prievozná loď (kompa)	kabelski trajekt	linfärja	Skela na uže	Канатны паром	Skela
PIP	Conduta	Conducte	potrubie	cevovod	pipeline	Cjevovod	Трубопровод	Podvodnik
PPO	Conduta aérea	Conducte suspendate	vzdušné vedenie potrubia	zračni cevovod	luftpipeline	Viseći cjevovod	Оголовок трубопровода	Nadvodna instalacija
HFA	Instalação portuária	Facilități portuare	prístavné zariadenia	pristaniška naprava	hamnanläggning	Lučke građevine	Портовое оборудование	Lučka infrastruktura
HMO	Capitania do porto	Căpitănie	Kapitanát	pristaniška kapitanija	hamnkaptenens kontor	Kapetanija	Капитания порта	Lučka kapetanija
SHY	Estaleiro naval	Şantier naval	lodenica	ladjedelnica	varv	Brodogradilište	Судостроительный завод	Brodogradilište

Value	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
REF	Instalação de recolha de resíduos	Stație de colectare a deşeurilor	skládka odpadu	smetišče	sopinsamlingspunkt	Smetlište	отвал грунта	Skladište otpadnih materija
MAR	Painel de sinalização	Panou de semnalizare	plavebný znak	plovbna oznaka	trafikmärke	Plovidbena oznaka	Информационный знак	Obaveštenje
LIG	Luz	Semnal luminos	svetlo	svetloba	ljus	Svijetlo	Огонь	Svetlo
SIG	Estação de sinalização	Stație de semnalizare	signálna stanica	signalna postaja	signalstation	Signalana postaja	Сигнальная станция	Signalna stanica
TUR	Bacia de viragem	Loc de rondou	obratový bazén	obračališče	vändplats	Mjesto za okretanje	разворотный бассейн	Bazen za manevrisanje
CBR	Ponte-aqueduto	Pod canal	premostenie kanála	most čez kanal	kanalbro	Most na kanalu	Аквиадук	Kanalski most
TUN	Túnel	Tunel	tunel	predor	tunnel	Tunel	Тунель	Tunel
BCO	Posto fronteiriço	Punct control trecere frontieră	hraničná kontrola	mejna kontrola	gränskontroll	Granična kontrola	Пограничный контроль	Granična kontrola
REP	Ponto de notificação	Punct raportare	miesto hlásenia	točka javljanja	rapporteringspunkt	Kontrolna točka	Точка оповещения	Prijavna tačka
FLO	Comporta	Poartă pentru regularizare debit	protipovodňové vráta	drsna vrata	dammlucka	Vrata prevodnice	шлюзы	Vrata prevodnice

Code	Thickness	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)
A	Unknown	clear water	Чиста вода	volná voda	isfrit farvand	offenes Wasser	Ύδατα άνευ πάγου	Aguas normales	selge vesi	avovesi	Eaux normales	jégmentes víz	acque normali	Švarus vanduo
B	0 - 4 cm	light spread floating ice	Разпръснат плаващ лед	ledová tříšť	let spredt drivis	Treibeis	Ελαφρά διασκορπισμένα τεμάχια επιπλέοντος πάγου	Hielo flotante ligero disperso	kergelt leviv triivjää	ohutta rikkonaista ajojäätä	glaces légères dispersées	vékony szórványos jégtáblák	leggero ghiaccio galleggiante sparso	Plonas paskliding plūduriuojantis ledas
C	0 - 4 cm	light floating ice	Рядък плаващ лед	slabá ledová tříšť	let drivis	leichtes Treibeis	Ελαφρά τεμάχια επιπλέοντος πάγου	Hielo flotante ligero	kerge triivjää	ohutta ajojäätä	glaces légères flottantes	vékony jégtáblák	ghiaccio leggero galleggiante	Plonas plūduriuojantis ledas
D	0 - 4 cm	light solid ice	Слабо заледяване	slabý led	tynd fast is	leichtes Eis	Ελαφρά τεμάχια συμπαγούς πάγου	Hielo sólido ligero	kerge tahke jää	ohutta kiintojäätä	glace légère	könnyű beállt jég	leggero ghiaccio solido	Plonas kietas ledas
E	4 - 8 cm	medium spread floating ice to 40% covered	Средно разреден плаващ лед (до 40% покритие)	středně silná rozpýlená ledová tříšť, pokrytí ledem do40 %	middelsvær drivis op til40 % dækket	mittelschweres zerstreutes Treibeis, bis 40 % eisbedeckt	Μέσου πάχους διασκορπισμένα επιπλέοντα τεμάχια πάγου που καλύπτει επιφάνεια 40%	Hielo flotante disperso medio que cubre hasta un 40%	keskmiselt leviv triivjää kuni 40% kattuvusega	keskiraskasta rikkonaista ajojäätä, enintään peittävyys 40 %	glaces moyennes dispersées couvrant 40 %	közepes szórványos jégtáblák 40%-ig jégfedettségig	ghiaccio sparso galleggiante di spessore medio con copertura fino al 40%	Vidutinio kietumo paskliding plūduriuojantis ledas (dengia iki 40% paviršiaus)
F	4 - 8 cm	medium spread floating ice40 to 75% covered	Средно разреден плаващ лед (40%-70% покритие)	středně silně rozptýlená ledová tříšť, pokrytí ledem od40 % do 75 %	middelsvær drivis40-75 % dækket	mittelschweres zerstreutes Treibeis, 40 bis 75 % eisbedeckt	Μέσου πάχους διασκορπισμένα τεμάχια επιπλέοντος πάγου που καλύπτει επιφάνεια 40% έως 75%	Hielo flotante disperso medio que cubre entre un 40% y un 75%	keskmiselt leviv triivjää kattuvusega 40% kuni 75%	keskiraskasta rikkonaista ajojäätä, peittävyys 40–75 %	glaces moyennes flottantes dispersées couvrant40 à 75 %	közepes szórványos jégtáblák 40%-70% közötti jégfedettséggel	ghiaccio sparso galleggiante di spessore medio con copertura compresa tra 40% e 75%	Vidutinio kietumo paskliding plūduriuojantis ledas (dengia 40%-75% paviršiaus)
G	4 - 8 cm	medium floating ice more than 75% in sludge or lead	Плаващ лед със средна дебелина покриващ над 75 %	středně silně rozptýlená ledová tříšť, pokrytí plavební dráhy ledem vice než75 %	middelsvær drivis mere end75 % dækket	mittelschweres Treibeis, mehr als 75 % der Rinne eisbedeckt	Μέσου πάχους επιπλέοντα τεμάχια πάγου σε επιφάνεια άνω του 75%	Hielo flotante medio que cubre más del 75% del canal	keskmiselt leviv triivjää, rohkem kui 75% jääpankade või jäävallidena	keskiraskasta ajojäätä, peittävyys yli 40–75 % väylästä	glaces moyennes flottantes dispersées couvrant plus de75 % du chenal	közepes jégtáblák többmint 75%-ban kásajégként vagy jégmentes sávokban	ghiaccio galleggiante di spessore medio costituito per più del 75% da frammenti o canale ricoperto da frammenti	Vidutinio kietumo plūduriuojantis ledas (daugiau kaip 75% sudaro ižas)
H	4 - 8 cm	medium vast ice	Средно дебел твърд лед	středně silně pevný led	middelsvær fast is	mittelschweres festes Eis	Μέσου πάχους εκτεταμένος πάγος	Hielo compacto medio	keskmine rüsijää	keskiraskasta jäätä	glace moyenne	közepes beállt jég	ghiaccio di spessore medio fisso	Vidutinio kietumo ledas
K	8 - 12 cm	heavy spread floating ice to40 % covered	Дебел плаващ лед (до 40% покритие)	silná rozptýlená ledová tříšť, až 40 % pokrytí ledem	svær drivis op til 40 % dækket	schweres zerstreutes Treibeis, bis 40 % eisbedeckt	Βαρέα διασκορπισμένα τεμάχια επιπλέοντος πάγου σε έκταση 40%	Hielo flotante pesado disperso que cubre hasta un 40%	mitteleviv triivjää kuni 40% kattuvusega	raskasta rikkonaista ajojäätä, peittävyys enintään 40 %	glaces lourdes flottantes dispersées couvrant jusqu'à40 %	vastag szórványos jégtáblák 40%-os jégfedettségig	ghiaccio spesso galleggiante con copertura fino al 40%	Sunkus paskliding plūduriuojantis ledas (dengia iki 40% paviršiaus)
L	8 - 12 cm	heavy spread floating ice40 to 75 % covered	Дебел плаващ лед (40%-70% покритие)	silná rozptýlená ledová tříšť, pokrytí ledem od40 % až 75 %	svær drivis 40-75 % dækket	schweres zerstreutes Treibeis, 40 bis 75 % eisbedeckt	Βαρέα διασκορπισμένα τεμάχια επιπλέοντος πάγου σε έκταση από 40% έως 75%	Hielo flotante pesado disperso que cubre entre un 40% y un 75%	mitteleviv triivjää kattuvusega 40% kuni 75%	raskasta rikkonaista ajojäätä, peittävyys 40–75 %	glaces lourdes flottantes dispersées couvrant40 à 75 %	vastag jégtáblák 40%-70% közötti jégfedettséggel	ghiaccio spesso galleggiante con copertura compresa tra il 40% e il 75 %	Sunkus paskliding plūduriuojantis ledas (dengia 40%-75% paviršiaus)
M	8 - 12 cm	heavy dense floating ice with more than 75% chance on coagulation	Дебел плътен лед с вероятност за заледяване над 75%	těžká stlačená ledová tříšť s více než75 %, nebezpečí vytváření zátarasů	svær og pakket drivis mere end 75 % dækket; risiko for fastfrysning	schweres zusammengepferchtes Treibeis mit mehr als75 %, Gefahr für Dammbildung	Βαρέα τεμάχια επιπλέοντος πάγου με πιθανότητες πήξης άνω του 75%	Hielo flotante pesado denso con más del 75% de posibilidades de cuajar	paks tihe triivjää jäätumusega rohkem kui 75%	raskasta tiheää ajojäätä, peittävyys yli 75 %, hyytymisvaara	glaces lourdes flottantes dispersées couvrant plus de75 % et chance de coagulation	vastag jégtáblák többmint 75%-os, torlaszképződés veszély	ghiaccio spesso galleggiante con più del 75% di probabilità di addensamento	Sunkus ir kietas plūduriuojantis ledas (dengia daugiau kaip 75% paviršiaus ir gali koaguliuotis)
P	8 - 12 cm	heavy floating ice with more than 75% in sludge or lead currently broken sludge	Дебел плътен лед с покриващ над 75% или току що разбит лед	těžká ledová tříšť, více než75 % plavební dráhy pokryto ledem, plavební dráha dnes prolomena	svær drivis mere end75 % dækket; sejlrende er brudt for nylig	schweres Treibeis mehr als75 % der Rinne eisbedeckt, Rinne heute gebrochen	Βαρέα τεμάχια πρόσφατα θρυσσθέντος επιπλέοντος πάγου	Hielo flotante pesado que cubre más del 75% del canal recientemente abierto	paks triivjää rohkem kui 75% jääpankadena või ajuti murduvate jäävallidena	raskasta ajojäätä, peittävyys yli 75 % väylästä, joka on äskettäin murrettu	glaces lourdes flottantes couvrant plus de 75 % du chenal, chenal brisé recemment	vastag jégtáblák többmint 75%-os fedettség, ma tört hajózócsatornával	ghiaccio spesso galleggiante costituito per più del 75% da frammenti o canale attualmente coperto da ghiaccio frammentato	Sunkus plūduriuojantis ledas, kurio daugiau kaip 75% sudaro ledo ižas)
R	8 - 12 cm	heavy vast ice	Дебел твърд лед	těžký pevný led	svær fast is	schweres festes Eis	Βαρέα τεμάχια εκτεταμένου πάγου	Hielo compacto pesado	paks rüsijää	raskasta jäätä	glace solide épaisse	vastag beállt jég	ghiaccio spesso ed esteso	Labai kietas ledas
S	> 12 cm	very heavy floating ice en solid ice nearly 100% covered	Много дебел плаващ твърд лед покриващ почти 100%	velmi těžká ledová ledová tříšť a ledové kry, téměř 100 % pokryto ledem	meget svær drivis og fast is næsten 100 % dækket	sehr schweres Treibeis und Packeis, fast 100 % eisbedeckt	Πολύ βαρέα τεμάχια συμπαγούς πάγου σε έκταση σχεδόν 100%	Hielo flotante muy pesado y sólido que cubre casi el100%	väga paks triivjää tahke jääna peaagu 100% kattuvusega	erittäin raskasta ajojäätä ja kiintojäätä, peittävyys lähes 100 %	glaces flottantes très lourdes et banquise couvrant presque100 %	nagyon vastag úszó és parti jég közel 100%-os jégfedettséggel	ghiaccio galleggiante molto spesso e solido con copertura quasi del 100%	Labai sunkus ir kietas plūduriuojantis ledas (dengia beveik 100% paviršiaus)
U	> 40 cm	ice dam or drifting ice	Ледени прегради или струпвания	ledová bariéra nebo nahromadění ledu	isdæmning eller isspærring	Eisdamm oder Eisstau	Φράγμα πάγου ή παρασυρόμενος πάγος	Barrera de hielo o hielo a la deriva	rüsijäävallid või rüsijää	jääpato tai ajojäätä	barrage de glace ou débâcle	jégtorlasz vagy sodródó jég	barriera di ghiaccio o ghiaccio alla deriva	Ledo užtvara arba dreifuojantis ledas
O	Unknown	disappearing (pap)ice, no longer obstructing	Топящ се лед, няма препятствия	tenký měkký led, který již nepřekáží	smelteis, ingen hindring længere	Pappeis, nicht länger behinderlich	Εξαφανιζόμενος πάγος που δεν προκαλεί πλέον εμπόδια	Hielo a punto de fundirse que ya no constituye un obstáculo	kaduv jää, enam mitte takistav	sulavaa jäätä, ei enää esteenä	glaces fondantes, aucune gêne	elolvadó (kásás) jég, akadályozás megszünt	ghiaccio in fase di scioglimento	Tirpstantis, laivybai kliūčių nesudarantis ledas
V	(No traffic)	navigation interrupted	Навигацията е преустановена	přerušení plavby	skibsfarten er indstillet	Fahrverbot	Διακοπή ναυσιπλοΐας	Navegación interrumpida	navigeerimine katkestatud	alusliikenne keskeytetty	navigation interrompue	hajózási szünetel	navigazione interrotta	Nutraukta laivyba

Code	Thickness	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
A	Unknown	brīvs ūdens	open water	woda otwarta	Água livre	Fără gheață	voľná voda	brez ledu	öppet vatten	Plovidba slobodna	чистая вода	Plovidba slobodna
B	0 - 4 cm	izklaidu peldošs plāns ledus	licht verspreid drijfijs	rozproszona, cienka kra lodowa	Gelo flutuante ligeiro disperso	Gheață subțire plutitoare dispersată	ľadová triešť	plavajoči led	lätt spridd drivis	Raširene tanke sante leda	малоразреженный плавучий лёд	Raširene tanke sante leda
C	0 - 4 cm	plāns peldošs ledus	licht drijfijs	cienka kra lodowa	Gelo flutuante ligeiro	Gheață subțire plutitoare	slabá ľadová triešť	tanek plavajoči led	lätt drivis	Tanke sante leda	радкий плавучий лёд	Tanke sante leda
D	0 - 4 cm	plāna ledus kārta	licht vast ijs	cienka pokrywa lodowa	Gelo compacto ligeiro	Gheață subțire	slabý ľad	tanek trdi led	lätt fastis	Lagano zaleđeno	малосплочённый лёд	Lagano zaleđeno
E	4 - 8 cm	viději biezs izklaidu peldošs ledus klāj līdz 40 % ūdens virsmas	middelzwaar verspreid drijfijs tot 40% bedekt	rozproszona kra lodowa średniej grubości, pokrycie do 40%	Gelo flutuante médio disperso, cobrindo até 40%	Gheață mijlocie plutitoare dispersată acoperind 40%	stredne silná rozptýlená ľadová triešť, pokrytie do 40%	srednje debel plavajoči led, pokritost do 40 %	medelstor spridd drivis,40% istäcke	Srednje debele sante leda, pokrivenost do 40%	плавучий лёд средней разреженности (до 40%)	Srednje debele sante leda, pokrivenost do 40%
F	4 - 8 cm	viději biezs izklaidu peldošs ledus klāj 40 līdz 75 % ūdens virsmas	middelzwaar verspreid drijfijs 40 tot 75% bedekt	rozproszona kra lodowa średniej grubości, pokrycie 40 do 75%	Gelo flutuante médio disperso, cobrindo 40% a 75%	Gheață mijlocie plutitoare dispersată acoperind 40% până la 75%	stredne silná rozptýlená ľadová triešť, pokrytie od 40% do 75%	srednje debel plavajoči led, pokritost od 40 do 75 %	medelstor spridd drivis,40-75% istäcke	Srednje debele sante leda, pokrivenost 40 do 75%	плавучий лёд средней разреженности (40% - 70%)	Srednje debele sante leda, pokrivenost 40 do 75%
G	4 - 8 cm	viději biezs peldošs ledus, vairāk nekā 75 % ūdens virsmas klāta vižņiem	middelzwaar drijfijs meer dan 75% in geul of slop	kra lodowa średniej grubości, pokrycie powyżej 75% kanału	Gelo flutuante médio, cobrindo mais de 75% da esteira	Gheață mijlocie plutitoare dispersată acoperind peste 75% din șenal	stredne silná rozptýlená ľadová triešť, pokrytie viac ako 75%	srednje debel plavajoči led, pokritost večja od 75 %	medelstor spridd drivis, över 75% av farrännan istäckt	Srednje debele sante leda, pokrivenost veća od 75%	плавучий лёд средней разреженности (больше 75% ледового канала покрыто ледяной кашей)	Srednje debele sante leda, pokrivenost veća od 75%
H	4 - 8 cm	viději biezs blīvs ledus	middelzwaar vast ijs	pokrywa lodowa średniej grubości	Gelo compacto médio	Gheață mijlocie	stredne pevný ľad	srednje debel trdi led	medeltjock fastis	Srednje debeli tvrdi led	лёд средней сплочённости	Srednje debeo, tvrd led
K	8 - 12 cm	biezs izklaidu peldošs ledus klāj līdz 40 % ūdens virsmas	zwaar verspreid drijfijs tot 40 % bedekt	rozproszona, gruba kra lodowa, pokrycie do 40%	Gelo flutuante pesado disperso, cobrindo até 40%	Gheață groasă plutitoare dispersată acoperind până la 40%	silná a rozptýlená ľadová triešť, pokrytie do 40%	debel plavajoči led, pokritost do 40 %	tjock, spridd drivis, upp till 40% istäcke	Debele sante leda, pokrivenost do 40%	тяжелый разреженный плавучий лёд (до 40%)	Debele sante leda, pokrivenost do 40%
L	8 - 12 cm	biezs izklaidu peldošs ledus klāj 40 līdz 75 % ūdens virsmas	zwaar verspreid drijfijs 40 tot 75 % bedekt	rozproszona, gruba kra lodowa, pokrycie 40 do 75%	Gelo flutuante pesado disperso, cobrindo 40% a 75%	Gheață groasă plutitoare dispersată acoperind 40% până la 75%	silná a rozptýlená ľadová triešť, pokrytie od 40% do 75%	debel plavajoči led, pokritost od 40 do 75 %	tjock, spridd drivis,40-75% istäcke	Debele sante leda, pokrivenost 40 do 75%	тяжелый разреженный плавучий лёд (40% - 75%)	Debele sante leda, pokrivenost 40 do 75%
M	8 - 12 cm	ļoti blīvs peldošs ledus, sablīvējumu veidošanās iespēja, vairāk nekā 75 %	zwaar opeengepakt drijfijs met meer dan 75% kans op propvorming	gęsta, gruba kra lodowa, pokrycie powyżej 75%, możliwość koagulacji	Gelo flutuante pesado denso, com probabilidade de concreção superior a 75%	Gheață groasă plutitoare dispersată acoperind mai mult de 75% și șanse de înghețare	hustá ľadová triešť s viac ako 75% možnosťou koagulácie	debel plavajoči led, pokritost večja od 75 %, možnost sesedanja	tätt sammanpackad drivis, över 75% risk för stampisvall	Debele sante leda, pokrivenost veća od 75% mogućnost zaleđivanja	очень сплочённый лёд, более 75%-ая вероятность образования заторов	Debele sante leda, pokrivenost veća od 75% mogućnost zaleđivanja
P	8 - 12 cm	biezs peldošs ledus ar vairāk nekā 75 % vižņu, kuri nesen salūzuši	zwaar drijfijs met meer dan 75% in geul of slop heden gebroken geul	gruba kra lodowa, pokrycie powyżej 75% kanału, świeżo przelamany kanał	Gelo flutuante pesado cobrindo mais de 75% da esteira, passagem aberta recentemente	Gheață groasă plutitoare dispersată acoperind peste 75% din șenal, șenal spart recent	silná a rozptýlená ľadová triešť, pokrytie viac ako 75% plavebnej dráhy, dnes rozbutá ryha	debel plavajoči led, pokritost večja od 75 %, trenutno razbit	tjock drivis, över 75% av farrännan täckt, rännan bruten i dag	Debele sante leda, pokrivenost veća od 75% trenutno razbijen led	тяжелый плавучий лёд, более 75%, в настоящий момент судоходство затруднено из-за ледяной каши в ледовом канале	Debele sante leda, pokrivenost veća od 75%, trenutno razbijen led
R	8 - 12 cm	biezs blīvs ledus	zwaar vast ijs	gruba pokrywa lodowa	Gelo compacto pesado	Gheață groasă solidă	silne pevný ľad	debel trdi led	tjock fastis	Debeli tvrdi led	очень сплочённый лёд	Debeo tvrd led
S	> 12 cm	ļoti biezs peldošs ledus un ledus kārta klāj gandrīz 100 % ūdens virsmas	zeer zwaar drijfijs en pakijs bijna 100% bedekt	bardzo gruba kra lodowa i pokrywa lodowa, pokrycie niemal 100%	Gelo flutuante e gelo compacto ultrapesados, cobrindo quase 100%	Banchize plutitoare groase acoperind aproape 100%	veľmi pevná ľadová triešť a ľadovce, pokrytie takmer 100%	zelo debel plavajoči led in trdi led, pokritost skoraj 100 %	mycket tjock drivis och fastis med nästan 100% istäcke	Vrlo debele sante i tvrdi led sa skoro 100% pokrivenosti	очень тяжёлый плавучий и сплошной лёд (почти 100%)	Vrlo debele sante i tvrd led sa skoro 100% pokrivenosti
U	> 40 cm	ledus aizsprosts vai dreifējošs ledus	ijsdam of kruiend ijs	bariera lodowa lub zator lodowy	Barreira de gelo ou gelo à deriva	Pod de gheață sau gheață plutitoare	ľadová bariéra alebo nahromadenie ľadu	ledena ovira ali naplavine	stampisvall eller drivis	Ledena prepreka ili plutajući led	ледяной затор или скопление дрейфующего льда	Ledena prepreka ili plutajući led
O	Unknown	izzūdošs ledus, vairs nekavē kuģošanu	verdwijnend (pap)ijs, niet meer hinderlijk	zanikający lód (papka), nie przeszkadzający w żegludze	Gelo em fusão, já não causa obstrução	Ghețari topiți, nici unul periculos	strácajúci sa tenký ľad, žiadne prekážky	topljenje ledu, brez ovir	upplöst issörja, ingen blockering	Otapanje leda, nema prepreka	разрушающийся лёд с проталинами, беспрепятственное судоходство	Otapanje leda, nema prepreka
V	(No traffic)	kuģošana pārtraukta	vaarverbod	zakaz żeglugi	Navegação suspensa	Navigație întreruptă	zákaz plavby	prepoved plovbe	sjöfart förbjuden	Zabrana plovidbe	судоходство остановлена	Zabrana plovidbe

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)
A	navigation normal	Нормална навигация	normální plavební provoz	normal skibsfart	Schifffahrt normal	Κανονική ναυσιπλοΐα	Navegación normal	Tavapärane navigatsioon	normaali alusliikenne	Navigation normale	normális/szokásos hajózás	navigazione normale	Įprasta laivyba
B	navigation not yet hindered	Навигацията все още е възможна	plavba je ještě možná	skibsfarten hindres endnu ikke	Schifffahrt wird noch nicht behindert	Ναυσιπλοΐα που δεν παρεμποδίζεται ακόμη	Navegación posible	Navigatsioon ei ole veel takistatud	alusliikenteessä ei vielä esteitä	Navigation possible	hajózás még nem korlátozott	navigazione non ancora ostacolata	Nekliudoma laivyba
F	low traffic	Слаба навигация	slabý plavební provoz	lav trafiktæthed	wenig Schifffahrt	Χαμηλός ρυθμός κυκλοφορίας	Tráfico escaso	Vähene liiklus	vähäinen alusliikenne	Trafic faible	jelentéktelen hajóforgalom	scarso traffico	Neintensyvus eismas
L	no navigation without breaking	Навигация само след ледоразбивач	nelze plout bez lámání ledu	ingen skibsfart uden isbryder	keine Schifffahrt ohne Eisbrecher	Καμία ναυσιπλοΐα χωρίς θραύση των πάγων	Navegación imposible sin rompehielos	Vaid katkestustega liiklus võimalik	ei alusliikennettä ilman jäänmurtamista	navigation seulement derrière brise-glace	jégtörő nélkül hajózási tilalom	nessuna navigazione senza rompighiaccio	Laivyba naudojant ledų laužimo įrangą
C	navigation possible for motorvessels with more than 0.74 Kw (1 hp) per 2 tons	Навигацията е възможна само за кораби с мощност над 0,5 к.с. на тон	plavba možná pro motorové lodě s výkonem od 0,74 Kw (1 ks) na 2 tuny	skibsfart er mulig for motorbåde med mere end 0,74 Kw (1 HK) pr. 2 ton	Schifffahrt möglich für Motorschiffe ab 0.74 Kw (1 PS) pro 2 Tonnen	Ναυσιπλοΐα δυνατή για μηχανοκίνητα σκάφη ισχύος άνω των 0,74 Kw (1 hp) ανά 2 κόρους	Navegación posible para embarcaciones motorizadas con más de 0,74 Kw (1cv) por 2 toneladas	Mootorlaevade (suurema võimsusega kui 0,74 Kw (1hp)/2 t) navigatsioon võimalik	alusliikenne mahdollista moottorialuksille, joiden teho on yli 0,74 Kw (1 hp) 2 tonnia kohden	La navigation est possible pour automoteurs de plus de 0.74 Kw (1 ch) par 2 tonnes	hajózás csak géphajóknak minimum 0,74 kW 2 tonnánként	transito possibile per natanti con potenza di 0,74 Kw (1 hp) per 2 tonnellate	Laivyba leidžiama motorlaiviams, kurių galia yra didesnė nei 0,74 Kw (1 hp) 2 tonoms
D	navigation possible for motorvessels with more than 0.74 Kw (1 hp) per ton	Навигацията е възможна само за кораби с мощност над 1 к.с. на тон	plavba možná pro motorové lodě s výkonem od 0,74 Kw (1 ks) na tunu	skibsfart er mulig for motorbåde med mere end 0,74 Kw (1 HK) pr. ton	Schifffahrt möglich für Motorschiffe ab 0.74 Kw (1 PS) pro Tonne	Ναυσιπλοΐα δυνατή για μηχανοκίνητα σκάφη ισχύος άνω των 0,74 Kw (1 hp) ανά κόρο	Navegación posible para embarcaciones motorizadas con más de 0,74 Kw (1cv) por tonelada	Mootorlaevade (suurema võimsusega kui 0,74 Kw (1hp)/1 t) navigatsioon võimalik	alusliikenne mahdollista moottorialuksille, joiden teho on yli 0,74 Kw (1 hp) tonnia kohden	La navigation est possible pour automoteurs de plus de 0.74 Kw (1 ch) par tonne	hajózás csak géphajóknak minimum 0,74 kW tonnánként	transito possibile per natanti con potenza di 0,74 Kw (1 hp) per tonnellata	Laivyba leidžiama motorlaiviams, kurių galia yra didesnė nei 0,74 Kw (1 hp) 1 tonai
E	navigation possibilities remain constant	Възможностите за навигация не са променени	setrvalé plavební podmínky	ingen ændring af de nuværende sejlmuligheder	heutige Fahrmöglichkeiten bleiben gleich	Οι δυνατότητες ναυσιπλοΐας παραμένουν σταθερές	Posibilidades de navegación estables	Navigatioonivõimalused konstantsed	alusliikennemahdollisuudet pysyvät ennallaan	Les possibilités de navigation sont constantes	Hajózási feltételek állandósultak	condizioni di transito costanti	Nepakitusios laivybos sąlygos
G	navigation possibilities may deteriorate rapidly	Възможно е рязко влошаване на навигационните условия	plavební podmínky se mohou náhle zhoršit	sejlmulighederne kan hurtigt forværres	Fahrmöglichkeit kann sich schnell verschlechtern	Οι δυνατότητες ναυσιπλοΐας μπορούν να επιδεινωθούν ταχέως	Posibilidades de navegación que pueden deteriorarse rápidamente	Navigatsioonivõimalused võivad kiiresti halveneda	alusliikennemahdollisuudet voivat huonontua nopeasti	Les possibilités de navigation peuvent se détériorer rapidement	a hajózási lehetőségek gyorsan változhatnak	navigabilità suscettibile di peggiorare rapidamente	Laivybos sąlygos gali greitai pablogėti
H	no navigation but no obstruction	Няма навигация, но няма препятствия	přerušení plavby bez plavebních překážek	ingen skibsfart, men ingen hindring	keine Fahrt, aber kein Fahrverbot	Καμία ναυσιπλοΐα αλλά ούτε και παρεμπόδιση	Navegación imposible pero sin obstrucciones	Navigatsiooni ei toimu, aga takistust ei ole	ei alusliikennettä, vaikkei estettä	Interruption de navigation mêmes sans obstacle	Hajózás akadálymentesség ellenére nincs	nessun transito anche senza ostruzione	Laivyba neleidžiama, tačiau kliūčių nėra
M	navigation possible with the aid of ice breakers	Навигацията е възможна само с ледорезни приспособления	plavba je možná s pomocí ledoborce	skibsfart mulig med støtte fra isbrydere	Schifffahrt mit Eisbrecher möglich	Ναυσιπλοΐα δυνατή με τη βοήθεια παγοθραυστικών	Navegación posible con asistencia de rompehielos	Navigatsioon võimalik jäämurdjate abiga	alusliikenne mahdollista jäänmurtajien avulla	La navigation est possible à l'aide d'une brise-glace	hajózás jégtörővel lehetséges	transito possibile con l'intervento dei rompighiaccio	Laivyba su ledlaužio pagalba
K	navigation possible in convoy or towage	Навигацията е възможна в конвой или с буксир	plavba je možná ve skupině plavidel za sebou nebo ve vlečné sestavě	skibsfart mulig i konvoj eller på slæb	Fahren im Geleitzug oder Schlepp möglich	Ναυσιπλοΐα δυνατή σε νηοπομπές ή με ρυμούλκηση	Navegación posible en convoy o remolque	Navigatsioon võimalik kolonnis või pukseerides	alusliikenne mahdollista kytkyeessä tai hinauksessa	La navigation est possible en convois ou avec remorqueur	hajózás kötelékben vagy vontatva lehetséges	navigazione possibile in convoglio o in traino	Laivyba leidžiama konvojuje arba su vilkiko pagalba
T	navigation possibilities may improve rapidly	Възможно е рязко подобряване на навигационните условия	plavební podmínky se mohou náhle zlepšit	sejlmulighederne kan hurtigt forbedres	Fahrmöglichkeit kann sich schnell verbessern	Οι δυνατότητες ναυσιπλοΐας μπορούν να βελτιωθούν ταχέως	Posibilidades de navegación que pueden mejorar rápidamente	Navigatsioonivõimalused võivad kiiresti paraneda	alusliikennemahdollisuudet voivat parantua nopeasti	Les possibilités de navigation peuvent s´améliorer rapidement	hajózási lehetőségek gyorsan javulhatnak	navigabilità suscettibile di migliorare rapidamente	Laivybos sąlygos gali greitai pagerėti
P	inland ports can hardly be reached	Речните пристанища са трудно достъпни	vnitrozemské přístavy jsou těžko dosažitelné	indlandshavne svært tilgængelige	Innenhäfen kaum erreichbar	Δύσκολη προσέγγιση των εσωτερικών λιμένων	Puertos interiores casi inaccesibles	Siseveesadamad raskesti ligipääsetavad	vaikea päästä sisävesisatamiin	L´arrivée aux ports intérieurs est très difficile	belvízi kikötők alig elérhetők	porti fluviali difficilmente raggiungibili	Vidaus uostai sunkiai pasiekiami
V	no navigation allowed	Преустановена навигация	zákaz plavby	sejlads er ikke tilladt	Fahrverbot	Δεν επιτρέπεται η ναυσιπλοΐα	Navegación prohibida	Navigatsioon keelatud	alusliikenne ei ole sallittua	Navigation interrompue	hajózási tilalom	nessun transito consentito	Draudžiama laivyba
X	navigation in convoys compulsory	Плаването в конвой е задължително	přikázaná plavba plavidel ve skupině za sebou	sejlads i konvoj er påbudt	Zugfahrt verpflichtend	Υποχρεωτική ναυσιπλοΐα σε νηοπομπές	Obligatorio navegar en convoy	Navigatsioon kolonnis kohustuslik	alusliikenne kytkyeissä pakollista	Navigation en convois obligatoire	hajózás csak kötelékben engedélyezett	obbligo di navigazione in convoglio	Laivyba konvojuje yra privaloma

Value	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
A	Normāla kuģošana	scheepvaart normaal	żegluga normalna	Navegação normal	Navigaţie normală	normálna plavba	normalna plovba	normal trafikering	Normalna plovidba	полная навигация	Normalna plovidba
B	Kuģošana vēl nav traucēta	scheepvaart ondervindt nog geen hinder	żegluga jeszcze bez przeszkód	Navegação possível	Navigaţie posibilă	plavba ešte nebude obmedzená	plovba je še vedno možna	ännu obehindrad sjöfart	Plovidba jos uvijek moguća	достаточная навигация	Plovidba još uvek moguća
F	Neliela satiksmes intensitāte	scheepvaart gering	niskie natężenie żeglugi	Tráfego ligeiro	Trafic scăzut	slabá premávka	malo prometa	låg sjötrafik	Slab promet	незначительная навигация	Slab saobraćaj
L	Kuģošana tikai ar ledus laušanu	geen vaart, indien niet wordt gebroken	żegluga tylko w asyście lodołamacza	Navegação impossível sem quebra-gelos	Nu se navigă fără dispozitiv de spargere a gheţii	zákaz plavby bez ľadoborca	plovba brez ledolomilca ni dovoljena	ingen sjöfart utan isbrytning	Nema plovidbe bez lomljenja leda	плавание только под проводкой ледокольных средств	Nema plovidbe bez ledolomca
C	Kuģošana iespējama motorkuģiem, kuru jauda ir lielāka nekā 0,74 Kw (1 ZS) uz 2 tonnām	vaart mogelijk voor motorschepen vanaf 0.74 Kw (1 pk) per 2 ton	żegluga dozwolona dla jednostek z napędem silnikowym o mocy powyżej 0,74 kW (1 KM) na każde 2 tony masy	Navegação possível a embarcações motorizadas com mais de 0,74kW (1cv) por 2 toneladas	Navigaţia este posibilă pentru automotoare cu mai mult de 0.74 Kw (1 CP) per 2 tone	plavba možná pre motorové plavidlá s výkonom viac ako 0,74 kW na 2 t (hp)	plovba mogoča za motorna plovila z močjo večjo od 0,74 Kw (1hp) na 2 toni	sjöfart möjlig med motorfartyg över 0,74 kW(1hp) per 2 ton	Plovidba dozvoljena za plovila sa motorom snage veće od 0.74 KW(1ks)/2t	навигация только для самоходных судов с удельной мощностью более 1 лошадиной силы на 2 тонны	Plovidba dozvoljena za plovila sa motorom snage veće od 1KS/2t
D	Kuģošana iespējama motorkuģiem, kuru jauda ir lielāka nekā 0,74 Kw (1 ZS) uz tonnu	vaart mogelijk voor motorschepen vanaf 0.74 Kw (1 pk) per 1 ton	żegluga dozwolona dla jednostek z napędem silnikowym o mocy powyżej 0,74 kW (1 KM) na tonę masy	Navegação possível a embarcações motorizadas com mais de 0,74kW (1cv) por tonelada	Navigaţia este posibilă pentru automotoare cu mai mult de 0.74 Kw (1 CP) per tonă	plavba možná pre motorové plavidlá s výkonom viac ako 0,74 kW/ t (hp)	plovba mogoča za motorna plovila z močjo večjo od 0,74 Kw (1hp) na tono	sjöfart möjlig med motorfartyg över 0,74 kW(1hp) per ton	Plovidba dozvoljena za plovila sa motorom snage veće od 0.74 KW(1ks)/t	навигация только для самоходных судов с удельной мощностью более 1 лошадиной силы на 1 тонну	Plovidba dozvoljena za plovila sa motorom snage veće od 1KS/t
E	Kuģošanas iespējas nemainās	huidige vaarmogelijkheid blijft hetzelfde	warunki żeglugi bez zmian	Possibilidades de navegação estáveis	Posibilităţile de navigaţie rămân constante	súčasné plavebné podmienky zostávajú rovnaké	možnost plovbe ostaja nespremenjena	farbarhet förblir oförändrad	Uvijeti plovidbe ostaju isti	навигационные уловия без изменений	Uslovi plovidbe ostaju isti
G	Kuģošanas iespējas var strauji pasliktināties	vaarmogelijkheid kan snel verslechteren	możliwość gwałtownego pogorszenia warunków żeglugi	Possibilidades de navegação podem deteriorar-se rapidamente	Posibilităţile de navigaţie se pot deteriora rapid	plavebné podmienky sa môžu rýchlo zhoršiť	možnost plovbe se lahko hitro poslabša	farbarheten kan minska snabbt	Uvijeti plovidbe se mogu naglo pogoršati	возможно резкое ухудшение условий плавания	Uslovi plovidbe se mogu naglo pogoršati
H	Kuģošana nenotiek, bet kuģošanas aizliegums nepastāv	geen vaart, maar niet gestremd	żegluga przerwana mimo braku zakazu żeglugi	Navegação impossível, mas não há obstruções	Nu se navigă dar nu sunt obstrucţii	zastavená plavba, bez plavebnej prekážky	plovba ni dovoljena, vendar ni ovir	ingen sjöfart, men ingen blockering	Nema plovidbe, nema prepreka	навигации нет, но движение разрешено	Nema plovidbe, nema prepreka
M	Kuģošana iespējama ar ledlaužu palīdzību	scheepvaart met ijsbrekers mogelijk	możliwość żeglugi w asyście lodołamaczy	Navegação possível com a assistência de quebra-gelos	Navigaţia este posibilă cu ajutorul unui dispozitiv de spart gheaţa	plavba možná s pomocou ľadoborca	plovba mogoča s pomočjo ledolomilca	sjöfart möjlig med hjälp av isbrytare	Plovidba moguća uz upotrebu ledolomca	плавание под проводкой ледокольных средств разрешено	Plovidba moguća uz upotrebu ledolomca
K	Kuģošana iespējama karavānā vai, velkot tauvā	varen in konvooi of sleep mogelijk	możliwość żeglugi w konwojach lub za holownikiem	Navegação possível em comboio ou a reboque	Navigaţia este posibilă în convoi sau remorcat	plavba možná v zostave alebo vo vleku	plovba mogoča v konvoju ali z vlečenjem	sjöfart möjlig i konvoj eller med bogsering	Plovidba moguća u konvoju ili u teglju	движение в составах или с буксирами	Plovidba moguća u konvojima i šlepovima
T	Kuģošanas iespējas var strauji uzlaboties	vaarmogelijkheid kan snel verbeteren	możliwość szybkiej poprawy warunków żeglugi	Possibilidades de navegação podem melhorar rapidamente	Posibilităţile de navigaţie se pot ameliora rapid	plavebné podmienky sa môžu rýchlo zlepšiť	možnost plovbe se lahko hitro izboljša	farbarheten kan öka snabbt	Uvijeti plovidbe se mogu naglo poboljšati	возможно резкое улучшение условий плавания	Uslovi plovidbe se mogu naglo poboljšati
P	Piekļuve iekšzemes ostām apgrūtināta	binnenhavens nauwelijks bereikbaar	ograniczone możliwości dotarcia do portów śródlądowych	Portos interiores quase inacessíveis	Accesul în porturile interioare poate fi foarte dificil	vnútrozemské prístavy sú ťažko dosiahnuteľné	rečna pristanišča so težko dostopna	inlandshamnar mycket svåråtkomliga	Riječne luke teško dostupne	доступ к внутренним портам сильно затруднён	Rečne luke teško dostupne
V	Kuģošana aizliegta	vaarverbod	zakaz żeglugi	Navegação proibida	Navigaţia nu este permisă	zákaz plavby	plovba prepovedana	ingen trafik tillåten	Plovidba nije dozvoljena	навигация запрещена	Zabrana plovidbe
X	Obligāta kugošana karavānā	verplichte konvooivaart	obowiązek żeglugi w konwojach	Obrigatório navegar em comboio	Navigaţia în convoaie este obligatorie	povinná plavba v zostave	obvezna plovba v konvojih	obligatorisk konvojgång	Obvezna plovidba u konvojima	движение конвоем обязательно	Obvezna plovidba u konvojima

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)	Meaning (LV)	Meaning (NL)	Meaning (PL)	Meaning (PT)
A	Navigable	Свободна навигация	dobře splavná (-é,-ý)	uhindret sejlads	gut befahrbar	Πλεύσιμος	Navegable	Navigeeritav	Kulkukelpoinen	navigable	hajózható	navigabile	Laivyba be kliūčių	kuģojams	goed bevaarbaar	żeglowny	Navegável
B	fairly navigable	Умерена навигация	dosti dobře splavná	næsten uhindret sejlads	ziemlich gut befahrbar	Πλεύσιμος σε μικρό βαθμό	Razonablemente navegable	Keskmiselt navigeeritav	melko kulkukelpoinen	raisonnablement navigable	Teljes mértékben hajózható	abbastanza navigabile	Laivyba beveik be kliūčių	diezgan labi kuģojams	vrij goed bevaarbaar	dość żeglowny	Razoavelmente navegável
C	navigable with difficulty	Затруднена навигация	obtížně splatná	sejlads vanskelig	schwer befahrbar	Πλεύσιμος με δυσκολία	Navegación dificil	Raskustega navigeeritav	hankalasti kulkukelpoinen	navigation pénible	nehezen hajózható	navigabile con difficoltà	Sunki laivyba	grūti kuģojams	moeilijk bevaarbaar	żeglowny z trudnościami	Navegação dificil
D	navigable only with great difficulty	Силно затруднена навигация	velmi obtížně splavná	sejlads meget vanskelig	sehr Schwer befahrbar	Πλεύσιμος μόνο με μεγάλη δυσκολία	Navegación muy dificil	Üksnes suurte raskustega navigeeritav	erittäin hankalasti kulkukelpoinen	navigation très pénible	nagyon nehezen hajózható	navigabile solo con grande difficoltà	Laivyba su dideliais sunkumais	ļoti grūti kuģojams	zeer moeilijk bevaarbaar	żeglowny ale z dużymi trudnościami	Navegação muito dificil
E	no navigation allowed	Преустановена навигация	zákaz plavby	sejlads ikke tilladt	Fahrverbot	Δεν επιτρέπεται καθόλου η ναυσιπλοΐα	Navegación prohibida	Navigatsioon keelatud	alusliikenne ei ole sallittua	navigation interrompue	hajózási tilalom	nessuna navigazione consentita	Laivyba draudžiama	kuģošana aizliegta	vaarverbod	zakaz żeglugi	Navegação proibida

Value	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
A	Navigabil	splavný	plovno	Farbar	Plovno	беспрепятственное судоходство	Plovno
B	Navigabil în condiţii acceptabile	pomerne dobre splavný	precej dobro plovno	relativt farbar	Pretežno plovno	достаточно беспрепятственное судоходство	Relativno plovno
C	Navigabil cu dificultate	splavný s ťažkosťami	težko plovno	svårframkomlig	Plovno uz teškoće	затруднённое судоходство	Plovno uz poteškoće
D	Navigabil numai cu mare dificultate	splavný len s veľkými ťažkosťami	zelo težko plovno	mycket svårframkomlig	Plovno uz velike teškoće	сильно затруднённое судоходство	Plovno uz velike poteškoće
E	Navigaţia nu este permisă	zákaz plavby	plovba prepovedana	sjöfart förbjuden	Plovidba nije dopuštena	судоходство запрещено	Zabrana plovidbe

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)	Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)
NOL	no limitation	Без ограничения	bez omezení	ingen begrænsing	keine Behinderung	Κανένας περιορισμός	Sin limitación	piirangut ei ole
LIM	limitation	Ограничение	omezení	begrænset	Behinderung	Περιορισμός	Limitación	piirang
NON	no navigation allowed	Преустановена навигация	plavba zastavena	sejlads ikke tilladt	gesperrt	Δεν επιτρέπεται καμία ναυσιπλοΐα	Navegación prohibida	navigatsioon keelatud

Value	Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)	Meaning (LT)	Meaning (LV)	Meaning (NL)	Meaning (PL)
NOL	ei rajoitusta	pas de limitation	nincs korlátozás	nessuna limitazione	Apribojimų nėra	bez ierobežojumiem	geen beperkingen	brak ograniczeń
LIM	rajoitus	limitation	korlátozás	limitazione	Apribojimai	ierobežojums	beperkingen	ograniczenie
NON	alusliikenne ei ole sallittua	navigation interdite	hajózás nem megengedett	nessuna navigazione consentita	Laivyba draudžiama	kuģošana aizliegta	vaarverbod	zakaz żeglugi

Value	Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)	Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
NOL	Sem restrições	Fără restricții	bez obmedzenia	brez omejitve	ingen begränsning	Nema ograničenja	bez ograničenja	без ограничений
LIM	Restrições	Cu restricții	obmedzenie	omejitev	begränsad trafk	Ograničenje	ograničenje	ограниченно
NON	Navegação proibida	Navigația nu este permisă	zákaz plavby	plovba prepovedana	trafik förbjuden	Plovidba nije dopuštena	navigacija nije dozvoljena	навигация запрещена

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)
CLR	clear		jasno	
CLDY	cloudy		oblačno	
OCST	overcast		zataženo	
DZZL	drizzle		mrholení	
RAIN	rain		déšť	
LRAIN	light rain		slabý déšť	
ORAIN	occasional rain		občasný déšť	
HRAIN	heavy rain		silný déšť	
SLEET	sleet		déšť se sněhem	
SNOW	snow		sněžení	
SNFALL	heavy snow fall		silné sněžení	
HAIL	hail			
SHWRS	showers		přeháňky	
THSTRM	thunderstorm		bouřka	
HAZY	hazy			
FOG	fog		mlha	
FOGPAT	fog patches			
GALE	gale		silný vítr	
STRM	storm		bouřlivý vítr	
HURRC	hurricane		orkán	
FZRA	freezing rain (black ice)			

Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)
klar			
bewölkt			
bedeckt			
Nieselregen			
Regen			
leichter Regen			
gelegentlich Regen			
schwerer Regen			
Graupel			
Schneefall			
schwerer Schneefall			
Hagel			
Schauer			
Gewitter			
diesig			
Nebel			
Nebelbänke			
Stürmischer Wind			
Sturm			
Orkan			

Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)

Meaning (LT)	Meaning (LV)	Meaning (NL)	Meaning (PL)
		helder	
		bewolkt	
		overdekt	
		motregen	
		regen	
		lichte regen	
		af en toe regen	
		zware regen	
		natte sneeuw	
		sneeuw	
		zware sneeuwval	
		hagel	
		buien	
		onweer	
		heiig	
		mist	
		mistbanken	
		stormachtig	
		zware storm	
		orkaan	
		ijzel	

Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)
	senin	bezoblačno (jasno)	
	noros	oblačno	
	acoperit	zamračené	
	burniță	mrholenie	
	ploaie	dážď	
	ploaie ușoară	slabý dážď	
	ploaie ocazională	občasný dážď	
	averse de ploaie	silný dážď	
	lapoviță	dážď so snehom	
	ninsoare	sneh (sneženie)	
	averse de ninsoare	silné sneženie	
	grindină	krupobitie	
	averse	prehánky	
	vijelie	silná búrka	
	negură	hmlisto	
	ceață	hmla	
	ceață în valuri	občasná hmla	
	vânt puternic	víchrica	
	furtună	búrka	
	tornadă	hurikán	

Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
	Vedro		
	Oblačno		
	Jača naoblaka		
	Rosa		
	Kiša		
	Lagana kiša		
	Povremena kiša		
	Jaka kiša		
	Susnježica		
	Snježne oborine		
	Jake snježne oborine		
	Tuča		
	Pljusak		
	Olujno nevrijeme		
	Maglovito		
	Magla		
	Mjestimična magla		
	Udari vjetra		
	Oluja		
	Orkan		

Value	Meaning (EN)	Meaning (BG)	Meaning (CS)	Meaning (DA)
WI	wind		vítr	
WA	waves		vlny	
FG	fog		mlha	
RN	rain		déšť	
SN	snow		sníh (sněžení)	
AT	air temperature		teplota vzduchu	
WT	water temperature		teplota vody	

Meaning (DE)	Meaning (EL)	Meaning (ES)	Meaning (ET)
Wind			
Wellen			
Nebel			
Regen			
Schnee			
Lufttemperatur			
Wassertemperatur			

Meaning (FI)	Meaning (FR)	Meaning (HU)	Meaning (IT)

Meaning (LT)	Meaning (LV)	Meaning (NL)	Meaning (PL)
		wind	
		golven	
		mist	
		regen	
		sneeuw	
		lucht temperatuur	
		water temperatuur	

Meaning (PT)	Meaning (RO)	Meaning (SK)	Meaning (SL)
	vânt	vietor	
	valuri	vlny	
	ceață	hmla	
	ploaie	dážď	
	zăpadă	sneženie	
	temperatura aerului	teplota vzduchu	
	temperatura apei	teplota vody	

Meaning (SV)	Meaning (HR)	Meaning (RU)	Meaning (SR)
	Vjetar		
	Valovi		
	Magla		
	Kiša		
	Snijeg		
	Temperatura zraka		
	Temperatura vode		

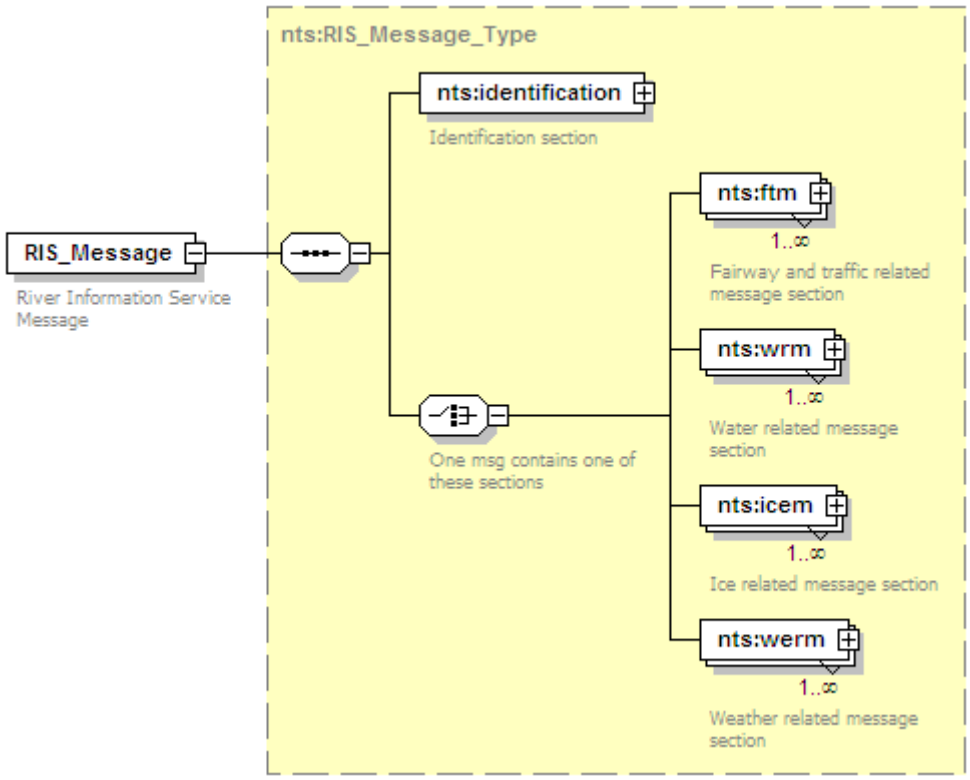
Schema **XML_v3_0.xsd**

attribute form default: **unqualified**
element form default: **qualified**
targetNamespace: **www.ccr-zkr.org**

Elements	Complex types	Simple types
RIS_Message	communication_type	barrage_code_enum
	coordinate_type	communication_code_enum
	fairway_section_type	country_code_enum
	fairway_section_werm_type	direction_code_enum
	ftm_type	ice_accessibility_code_enum
	geo_object_type	ice_classification_code_enum
	ice_condition_type	ice_condition_code_enum
	icem_type	ice_situation_code_enum
	identification_type	indication_code_enum
	limitation_period_type	interval_code_enum
	limitation_type	language_code_enum
	measure_type	limitation_code_enum
	object_type	measure_code_enum
	RIS_Message_Type	position_code_enum
	target_group_type	reason_code_enum
	validity_period_type	reference_code_enum
	weather_item_type	regime_code_enum
	weather_report_type	reporting_code_enum
	werm_type	subject_code_enum
	wrm_type	target_group_code_enum
		type_code_enum

element **RIS_Message**

diagram



namespace www.RISexpertgroups.org

type **nts:RIS_Message_Type**

properties content complex

children **nts:identification** **nts:ftm** **nts:wrm** **nts:icem** **nts:werm**

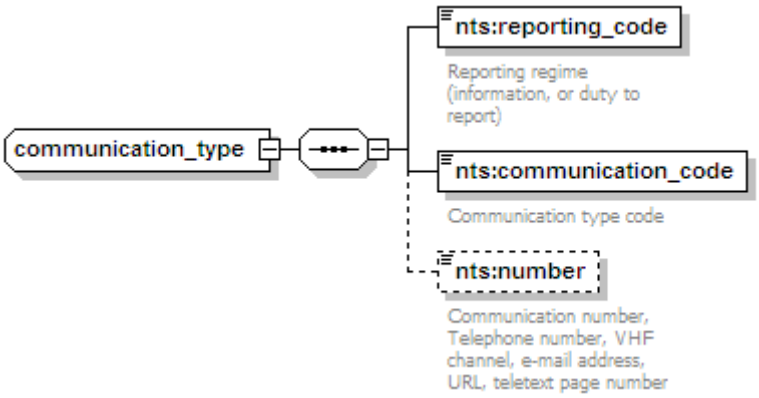
annotation documentation
River Information Service Message

source

```
<xs:element name="RIS_Message" type="nts:RIS_Message_Type">
  <xs:annotation>
    <xs:documentation>River Information Service Message</xs:documentation>
  </xs:annotation>
</xs:element>
```

complexType **communication_type**

diagram



namespace www.RISexpertgroups.org

children **nts:reporting_code** **nts:communication_code** **nts:number**

used by element **ftm_type/communication**

source

```
<xs:complexType name="communication_type">
 <xs:sequence>
  <xs:element name="reporting_code" type="nts:reporting_code_enum">
   <xs:annotation>
    <xs:documentation>Reporting regime (information, or duty to report)</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="communication_code" type="nts:communication_code_enum">
   <xs:annotation>
    <xs:documentation>Communication type code</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="number" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Communication number, Telephone number, VHF channel, e-mail
address, URL, teletext page number</xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="128"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

element **communication_type/reporting_code**

diagram

namespace www.RISexpertgroups.org

type **nts:reporting_code_enum**

properties
- isRef 0
- content simple

facets
- maxLength 3
- enumeration INF
- enumeration ADD
- enumeration REG

annotation
documentation
Reporting regime (information, or duty to report)

source
```
<xs:element name="reporting_code" type="nts:reporting_code_enum">
 <xs:annotation>
  <xs:documentation>Reporting regime (information, or duty to report)</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **communication_type/communication_code**

diagram

namespace www.RISexpertgroups.org

type **nts:communication_code_enum**

properties
- isRef 0
- content simple

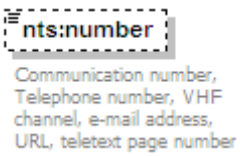
facets
- maxLength 3
- enumeration TEL
- enumeration VHF
- enumeration EM
- enumeration INT
- enumeration TXT
- enumeration FAX
- enumeration LIG
- enumeration FLA
- enumeration SOU

annotation
documentation
Communication type code

source
```
<xs:element name="communication_code" type="nts:communication_code_enum">
 <xs:annotation>
  <xs:documentation>Communication type code</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **communication_type/number**

diagram



namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties
- isRef 0
- minOcc 0
- maxOcc 1

content simple

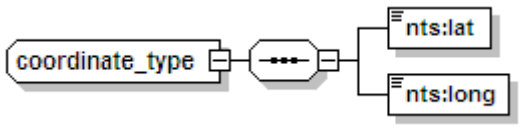
facets maxLength 128

annotation documentation
Communication number, Telephone number, VHF channel, e-mail address, URL, teletext page number

source
```
<xs:element name="number" minOccurs="0">
 <xs:annotation>
  <xs:documentation>Communication number, Telephone number, VHF channel, e-mail address, URL, teletext page number</xs:documentation>
 </xs:annotation>
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="128"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

complexType **coordinate_type**

diagram



namespace www.RISexpertgroups.org

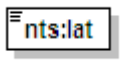
children **nts:lat** **nts:long**

used by element **geo_object_type/coordinate**

source
```
<xs:complexType name="coordinate_type">
 <xs:sequence>
  <xs:element name="lat">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:minLength value="12"/>
     <xs:maxLength value="13"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="long">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:minLength value="12"/>
     <xs:maxLength value="13"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

element **coordinate_type/lat**

diagram



namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties
isRef 0
content simple

facets
minLength 12
maxLength 13

source

```
<xs:element name="lat">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:minLength value="12"/>
   <xs:maxLength value="13"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **coordinate_type/long**

diagram

namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties
isRef 0
content simple

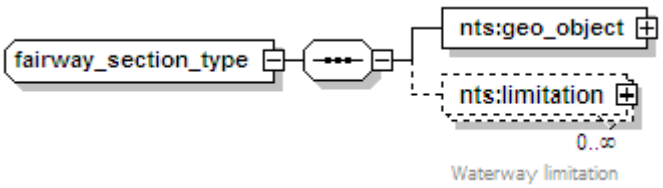
facets
minLength 12
maxLength 13

source

```
<xs:element name="long">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:minLength value="12"/>
   <xs:maxLength value="13"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

complexType **fairway_section_type**

diagram



namespace www.RISexpertgroups.org

children **nts:geo_object** **nts:limitation**

used by
elements **ftm_type/fairway_section** **icem_type/fairway_section**

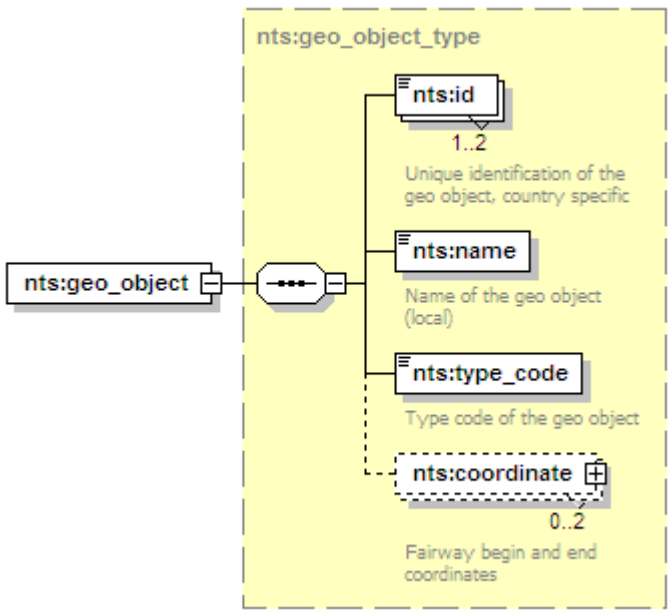
source

```
<xs:complexType name="fairway_section_type">
 <xs:sequence>
  <xs:element name="geo_object" type="nts:geo_object_type"/>
  <xs:element name="limitation" type="nts:limitation_type" minOccurs="0"
maxOccurs="unbounded">
   <xs:annotation>
    <xs:documentation>Waterway limitation</xs:documentation>
```

```
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

element **fairway_section_type/geo_object**

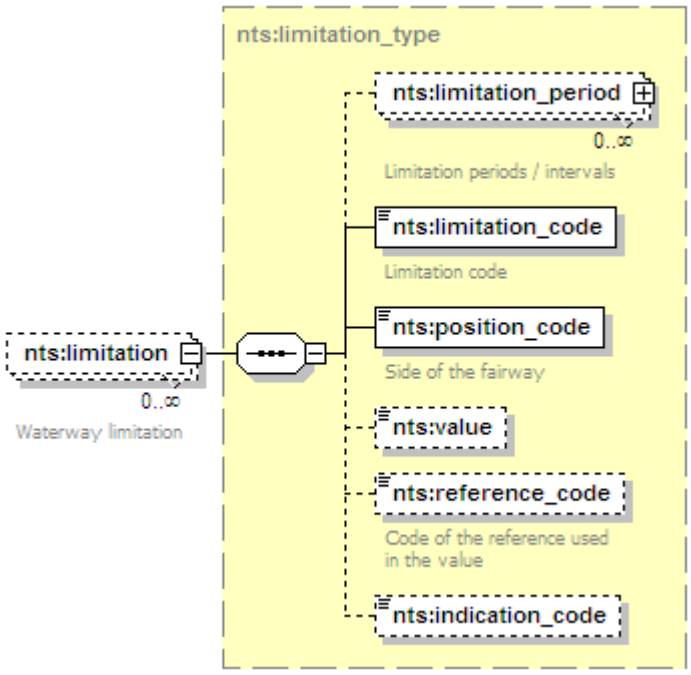
diagram



namespace	www.RISexpertgroups.org
type	**nts:geo_object_type**
properties	isRef 0 content complex
children	**nts:id** **nts:name** **nts:type_code** **nts:coordinate**
source	<xs:element name="geo_object" type="nts:geo_object_type"/>

element **fairway_section_type/limitation**

diagram



namespace www.RISexpertgroups.org

type **nts:limitation_type**

properties
- isRef 0
- minOcc 0
- maxOcc unbounded
- content complex

children **nts:limitation_period** **nts:limitation_code** **nts:position_code** **nts:value** **nts:reference_code** **nts:indication_code**

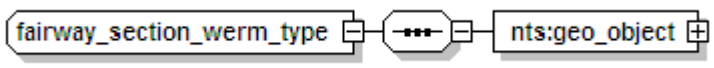
annotation
documentation
Waterway limitation

source

```
<xs:element name="limitation" type="nts:limitation_type" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Waterway limitation</xs:documentation>
  </xs:annotation>
</xs:element>
```

complexType **fairway_section_werm_type**

diagram



namespace www.RISexpertgroups.org

children **nts:geo_object**

used by
- element **werm_type/fairway_section**

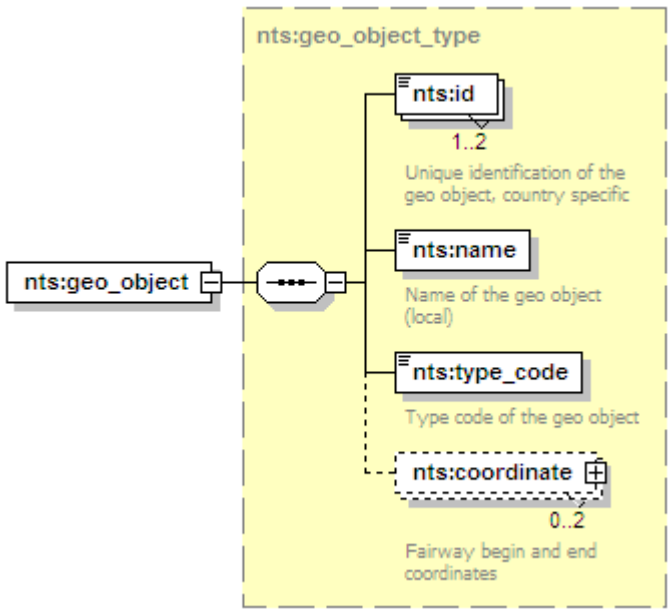
source

```
<xs:complexType name="fairway_section_werm_type">
  <xs:sequence>
    <xs:element name="geo_object" type="nts:geo_object_type"/>
  </xs:sequence>
```

</xs:complexType>

element **fairway_section_werm_type/geo_object**

diagram



namespace www.RISexpertgroups.org

type **nts:geo_object_type**

properties
- isRef 0
- content complex

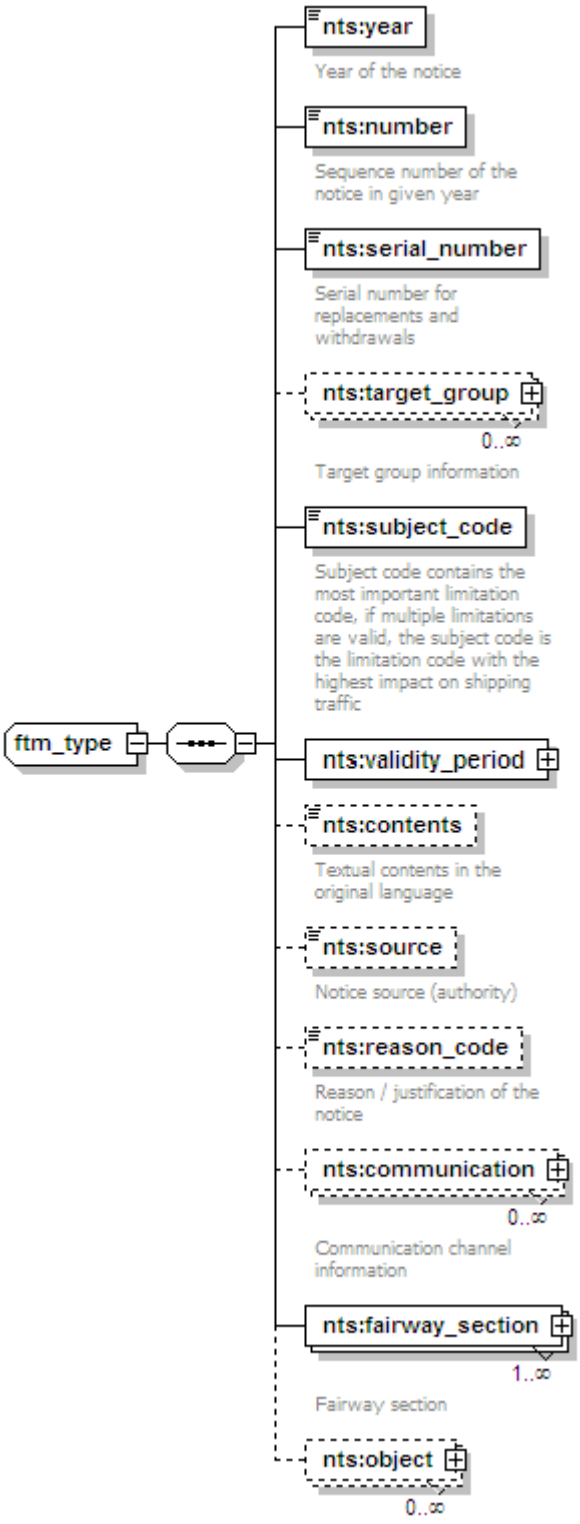
children **nts:id** **nts:name** **nts:type_code** **nts:coordinate**

source

```
<xs:element name="geo_object" type="nts:geo_object_type"/>
```

complexType **ftm_type**

diagram



namespace www.RISexpertgroups.org

children **nts:year** **nts:number** **nts:serial_number** **nts:target_group** **nts:subject_code** **nts:validity_period** **nts:contents** **nts:source** **nts:reason_code** **nts:communication** **nts:fairway_section** **nts:object**

used by element **RIS_Message_Type/ftm**

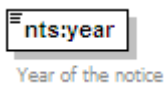
source

```
<xs:complexType name="ftm_type">
 <xs:sequence>
  <xs:element name="year">
   <xs:annotation>
    <xs:documentation>Year of the notice</xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:gYear">
     <xs:minInclusive value="2000"/>
     <xs:maxInclusive value="9999"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="number">
   <xs:annotation>
    <xs:documentation>Sequence number of the notice in given year</xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:integer">
     <xs:minInclusive value="0000"/>
     <xs:maxInclusive value="9999"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="serial_number">
   <xs:annotation>
    <xs:documentation>Serial number for replacements and withdrawals</xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:integer">
     <xs:minInclusive value="00"/>
     <xs:maxInclusive value="99"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="target_group" type="nts:target_group_type" minOccurs="0"
maxOccurs="unbounded">
   <xs:annotation>
    <xs:documentation>Target group information</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="subject_code" type="nts:subject_code_enum">
   <xs:annotation>
    <xs:documentation>Subject code contains the most important limitation code, if multiple
limitations are valid, the subject code is the limitation code with the highest impact on shipping
traffic</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="validity_period" type="nts:validity_period_type"/>
  <xs:element name="contents" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Textual contents in the original language</xs:documentation>
```

```
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="500"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="source" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Notice source (authority)</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="64"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="reason_code" type="nts:reason_code_enum" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Reason / justification of the notice</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="communication" type="nts:communication_type" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Communication channel information</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="fairway_section" type="nts:fairway_section_type" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Fairway section</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="object" type="nts:object_type" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

element **ftm_type/year**

diagram



namespace www.RISexpertgroups.org

type restriction of **xs:gYear**

properties
- isRef 0
- content simple

facets
- minInclusive 2000
- maxInclusive 9999

annotation
documentation
Year of the notice

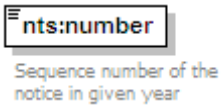
source

```
<xs:element name="year">
  <xs:annotation>
    <xs:documentation>Year of the notice</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
```

```
    <xs:restriction base="xs:gYear">
      <xs:minInclusive value="2000"/>
      <xs:maxInclusive value="9999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ftm_type/number**

diagram



namespace www.RISexpertgroups.org

type restriction of **xs:integer**

properties
- isRef 0
- content simple

facets
- minInclusive 0000
- maxInclusive 9999

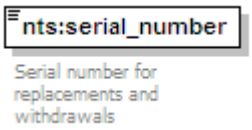
annotation
documentation
Sequence number of the notice in given year

source

```
<xs:element name="number">
  <xs:annotation>
    <xs:documentation>Sequence number of the notice in given year</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="0000"/>
      <xs:maxInclusive value="9999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ftm_type/serial_number**

diagram



namespace www.RISexpertgroups.org

type restriction of **xs:integer**

properties
- isRef 0
- content simple

facets
- minInclusive 00
- maxInclusive 99

annotation
documentation
Serial number for replacements and withdrawals

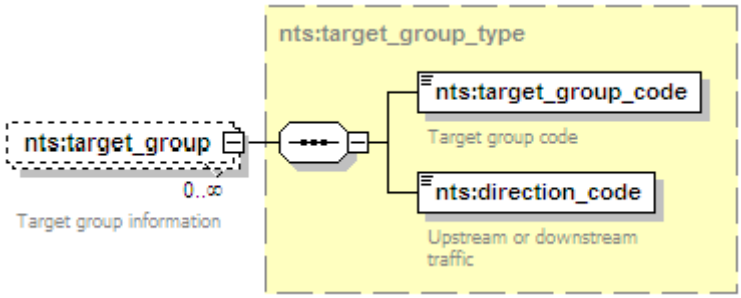
source

```
<xs:element name="serial_number">
  <xs:annotation>
    <xs:documentation>Serial number for replacements and withdrawals</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
```

```
      <xs:minInclusive value="00"/>
      <xs:maxInclusive value="99"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ftm_type/target_group**

diagram



namespace www.RISexpertgroups.org

type **nts:target_group_type**

properties

isRef	0
minOcc	0
maxOcc	unbounded
content	complex

children **nts:target_group_code** **nts:direction_code**

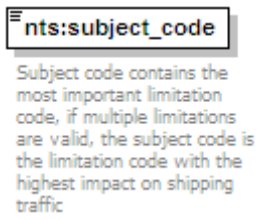
annotation
documentation
Target group information

source

```
<xs:element name="target_group" type="nts:target_group_type" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Target group information</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **ftm_type/subject_code**

diagram



namespace www.RISexpertgroups.org

type **nts:subject_code_enum**

properties

isRef	0
content	simple

facets

minLength	3
maxLength	6
enumeration	OBSTRU
enumeration	PAROBS
enumeration	DELAY
enumeration	VESLEN
enumeration	VESHEI

enumeration VESBRE
enumeration VESDRA
enumeration AVALEN
enumeration CLEHEI
enumeration CLEWID
enumeration AVADEP
enumeration NOMOOR
enumeration SERVIC
enumeration NOSERV
enumeration SPEED
enumeration WAVWAS
enumeration PASSIN
enumeration ANCHOR
enumeration OVRTAK
enumeration MINPWR
enumeration DREDGE
enumeration WORK
enumeration EVENT
enumeration CHGMAR
enumeration CHGSER
enumeration SPCMAR
enumeration EXERC
enumeration LEADEP
enumeration LEVDEC
enumeration LEVRIS
enumeration ANNOUN
enumeration LIMITA
enumeration CANCEL
enumeration MISECH
enumeration ECDISU
enumeration NEWOBJ
enumeration WARNIN
enumeration CHWWY
enumeration CONWWY
enumeration DIVER
enumeration SPECTR
enumeration LOCRUL
enumeration VHFCOV
enumeration HIGVOL
enumeration TURNIN
enumeration CONBRE
enumeration CONLEN
enumeration REMOBJ

annotation documentation

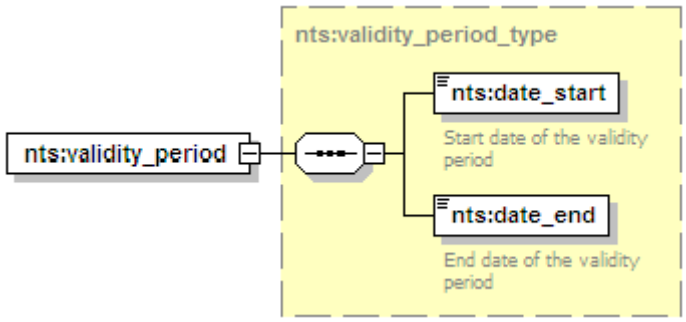
Subject code contains the most important limitation code, if multiple limitations are valid, the subject code is the limitation code with the highest impact on shipping traffic

source

```
<xs:element name="subject_code" type="nts:subject_code_enum">
  <xs:annotation>
    <xs:documentation>Subject code contains the most important limitation code, if multiple limitations are valid, the subject code is the limitation code with the highest impact on shipping traffic</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **ftm_type/validity_period**

diagram



namespace www.RISexpertgroups.org

type **nts:validity_period_type**

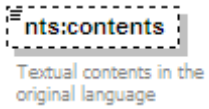
properties
isRef 0
content complex

children **nts:date_start** **nts:date_end**

source
```
<xs:element name="validity_period" type="nts:validity_period_type"/>
```

element **ftm_type/contents**

diagram



namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties
isRef 0
minOcc 0
maxOcc 1
content simple

facets
maxLength 500

annotation
documentation
Textual contents in the original language

source
```
<xs:element name="contents" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Textual contents in the original language</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="500"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ftm_type/source**

diagram

namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets
- maxLength 64

annotation
documentation
Notice source (authority)

source
```
<xs:element name="source" minOccurs="0">
 <xs:annotation>
  <xs:documentation>Notice source (authority)</xs:documentation>
 </xs:annotation>
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="64"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **ftm_type/reason_code**

diagram

namespace www.RISexpertgroups.org

type **nts:reason_code_enum**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets
- minLength 3
- maxLength 6
- enumeration EVENT
- enumeration WORK
- enumeration DREDGE
- enumeration EXERC
- enumeration HIGWAT
- enumeration HIWAI
- enumeration HIWAII
- enumeration LOWWAT
- enumeration SHALLO
- enumeration CALAMI
- enumeration LAUNCH
- enumeration DECLEV
- enumeration FLOMEA
- enumeration BLDWRK
- enumeration REPAIR
- enumeration INSPEC
- enumeration FIRWRK
- enumeration LIMITA
- enumeration CHGFWY
- enumeration CONSTR
- enumeration DIVING
- enumeration SPECTR
- enumeration EXT
- enumeration MIN
- enumeration SOUND
- enumeration OTHER

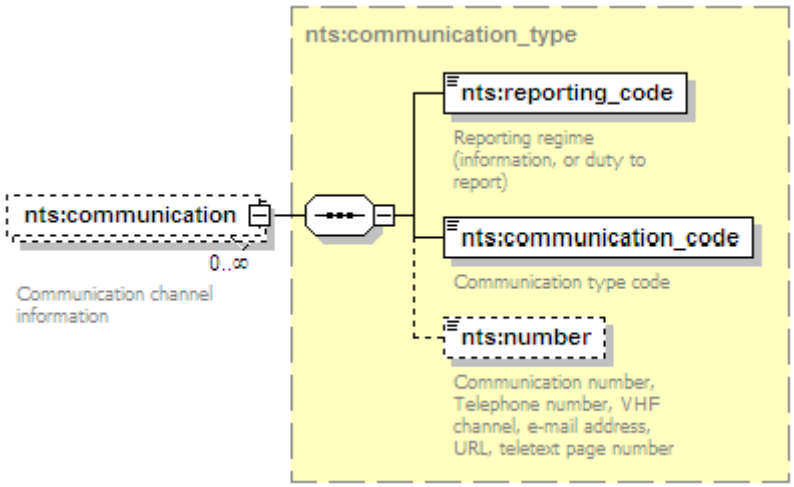
enumeration INFSER
enumeration STRIKE
enumeration FLOMAT
enumeration EXPLOS

annotation
documentation
Reason / justification of the notice

source
```
<xs:element name="reason_code" type="nts:reason_code_enum" minOccurs="0">
 <xs:annotation>
  <xs:documentation>Reason / justification of the notice</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **ftm_type/communication**

diagram



namespace www.RISexpertgroups.org

type **nts:communication_type**

properties
isRef 0
minOcc 0
maxOcc unbounded
content complex

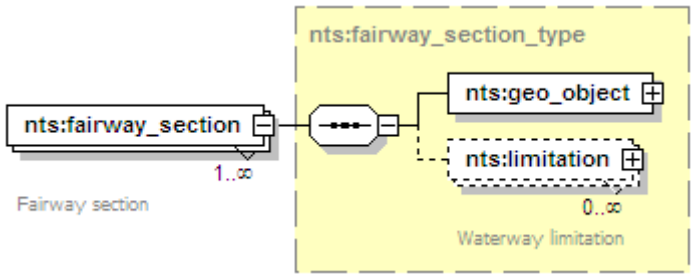
children **nts:reporting_code** **nts:communication_code** **nts:number**

annotation
documentation
Communication channel information

source
```
<xs:element name="communication" type="nts:communication_type" minOccurs="0"
maxOccurs="unbounded">
 <xs:annotation>
  <xs:documentation>Communication channel information</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **ftm_type/fairway_section**

diagram



namespace www.RISexpertgroups.org

type **nts:fairway_section_type**

properties

isRef	0
minOcc	1
maxOcc	unbounded
content	complex

children **nts:geo_object** **nts:limitation**

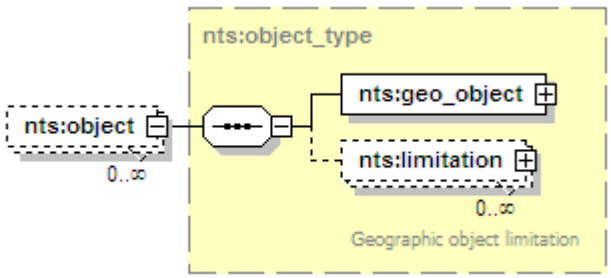
annotation
documentation
Fairway section

source

```
<xs:element name="fairway_section" type="nts:fairway_section_type" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Fairway section</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **ftm_type/object**

diagram



namespace www.RISexpertgroups.org

type **nts:object_type**

properties

isRef	0
minOcc	0
maxOcc	unbounded
content	complex

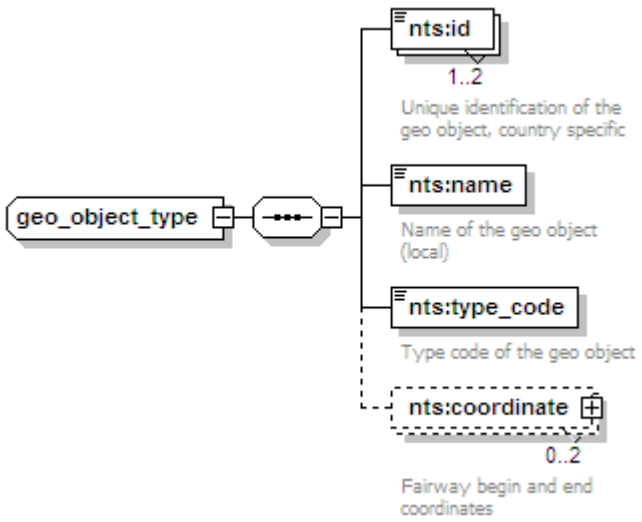
children **nts:geo_object** **nts:limitation**

source

```
<xs:element name="object" type="nts:object_type" minOccurs="0" maxOccurs="unbounded"/>
```

complexType **geo_object_type**

diagram



namespace www.RISexpertgroups.org

children **nts:id** **nts:name** **nts:type_code** **nts:coordinate**

used by elements **object_type/geo_object** **wrm_type/geo_object** **fairway_section_werm_type/geo_object** **fairway_section_type/geo_object**

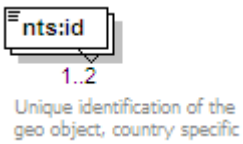
source

```
<xs:complexType name="geo_object_type">
 <xs:sequence>
  <xs:element name="id" maxOccurs="2">
   <xs:annotation>
    <xs:documentation>Unique identification of the geo object, country
specific</xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="64"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="name">
   <xs:annotation>
    <xs:documentation>Name of the geo object (local)</xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="64"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="type_code" type="nts:type_code_enum" default="FWY">
   <xs:annotation>
    <xs:documentation>Type code of the geo object</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="coordinate" type="nts:coordinate_type" minOccurs="0" maxOccurs="2">
   <xs:annotation>
```

```
      <xs:documentation>Fairway begin and end coordinates</xs:documentation>
    </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

element **geo_object_type/id**

diagram



namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties
- isRef 0
- minOcc 1
- maxOcc 2
- content simple

facets
- maxLength 64

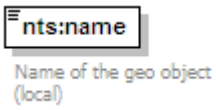
annotation
documentation
Unique identification of the geo object, country specific

source

```
<xs:element name="id" maxOccurs="2">
 <xs:annotation>
  <xs:documentation>Unique identification of the geo object, country specific</xs:documentation>
 </xs:annotation>
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="64"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **geo_object_type/name**

diagram



namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties
- isRef 0
- content simple

facets
- maxLength 64

annotation
documentation
Name of the geo object (local)

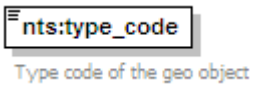
source

```
<xs:element name="name">
 <xs:annotation>
  <xs:documentation>Name of the geo object (local)</xs:documentation>
 </xs:annotation>
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="64"/>
```

```
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **geo_object_type/type_code**

diagram



namespace www.RISexpertgroups.org

type **nts:type_code_enum**

properties

isRef	0
content	simple
default	FWY

facets

maxLength	3
enumeration	RIV
enumeration	CAN
enumeration	LAK
enumeration	FWY
enumeration	LCK
enumeration	BRI
enumeration	RMP
enumeration	BAR
enumeration	BNK
enumeration	GAU
enumeration	BUO
enumeration	BEA
enumeration	ANC
enumeration	BER
enumeration	MOO
enumeration	TER
enumeration	HAR
enumeration	FDO
enumeration	CAB
enumeration	FER
enumeration	PIP
enumeration	PPO
enumeration	HFA
enumeration	HMO
enumeration	SHY
enumeration	REF
enumeration	MAR
enumeration	LIG
enumeration	SIG
enumeration	TUR
enumeration	CBR
enumeration	TUN
enumeration	BCO
enumeration	REP
enumeration	FLO
enumeration	SLI
enumeration	DUK
enumeration	VTC

annotation

documentation

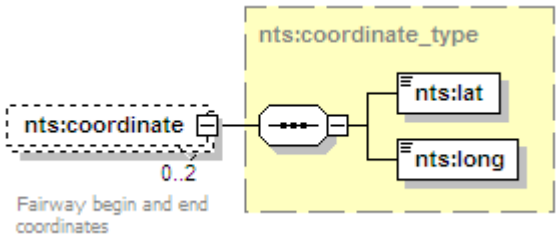
Type code of the geo object

source

```
<xs:element name="type_code" type="nts:type_code_enum" default="FWY">
  <xs:annotation>
    <xs:documentation>Type code of the geo object</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **geo_object_type/coordinate**

diagram



namespace www.RISexpertgroups.org

type **nts:coordinate_type**

properties
- isRef 0
- minOcc 0
- maxOcc 2
- content complex

children **nts:lat** **nts:long**

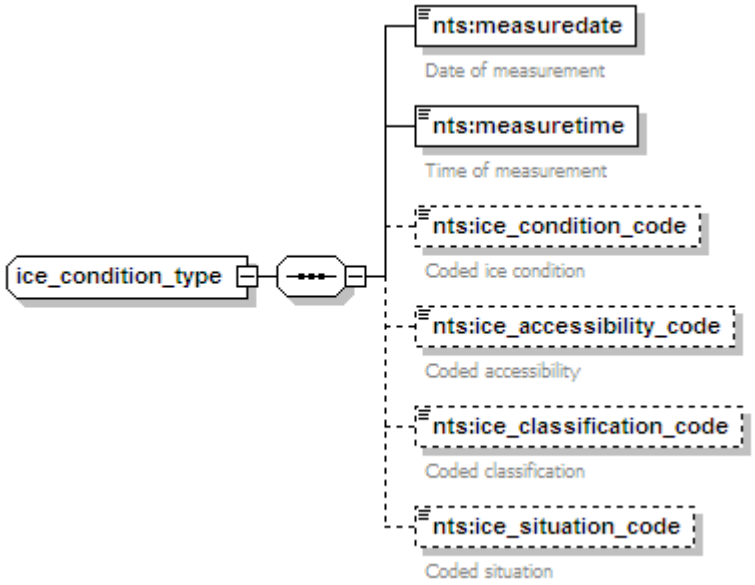
annotation
documentation
Fairway begin and end coordinates

source

```
<xs:element name="coordinate" type="nts:coordinate_type" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>Fairway begin and end coordinates</xs:documentation>
  </xs:annotation>
</xs:element>
```

complexType **ice_condition_type**

diagram



namespace www.RISexpertgroups.org

children **nts:measuredate** **nts:measuretime** **nts:ice_condition_code** **nts:ice_accessibility_code** **nts:ice_classification_code** **nts:ice_situation_code**

used by
- element **icem_type/ice_condition**

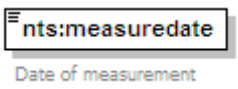
source

```
<xs:complexType name="ice_condition_type">
```

```
  <xs:sequence>
   <xs:element name="measuredate" type="xs:date">
    <xs:annotation>
     <xs:documentation>Date of measurement</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="measuretime" type="xs:time">
    <xs:annotation>
     <xs:documentation>Time of measurement</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="ice_condition_code" type="nts:ice_condition_code_enum" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Coded ice condition</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="ice_accessibility_code" type="nts:ice_accessibility_code_enum"
minOccurs="0">
    <xs:annotation>
     <xs:documentation>Coded accessibility</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="ice_classification_code" type="nts:ice_classification_code_enum"
minOccurs="0">
    <xs:annotation>
     <xs:documentation>Coded classification</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="ice_situation_code" type="nts:ice_situation_code_enum" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Coded situation</xs:documentation>
    </xs:annotation>
   </xs:element>
  </xs:sequence>
</xs:complexType>
```

element **ice_condition_type/measuredate**

diagram



namespace www.RISexpertgroups.org

type **xs:date**

properties
- isRef 0
- content simple

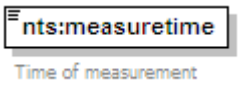
annotation
documentation
Date of measurement

source

```
<xs:element name="measuredate" type="xs:date">
 <xs:annotation>
  <xs:documentation>Date of measurement</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **ice_condition_type/measuretime**

diagram



namespace www.RISexpertgroups.org

type **xs:time**

properties
- isRef 0
- content simple

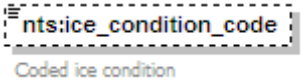
annotation
documentation
Time of measurement

source

```
<xs:element name="measuretime" type="xs:time">
  <xs:annotation>
    <xs:documentation>Time of measurement</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **ice_condition_type/ice_condition_code**

diagram



namespace www.RISexpertgroups.org

type **nts:ice_condition_code_enum**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets
- maxLength 1
- enumeration A
- enumeration B
- enumeration C
- enumeration D
- enumeration E
- enumeration F
- enumeration G
- enumeration H
- enumeration K
- enumeration L
- enumeration M
- enumeration P
- enumeration R
- enumeration S
- enumeration U
- enumeration O
- enumeration V

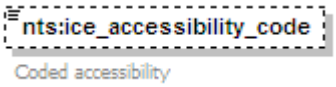
annotation
documentation
Coded ice condition

source

```
<xs:element name="ice_condition_code" type="nts:ice_condition_code_enum" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Coded ice condition</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **ice_condition_type/ice_accessibility_code**

diagram



namespace www.RISexpertgroups.org

type **nts:ice_accessibility_code_enum**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

facets

maxLength	1
enumeration	A
enumeration	B
enumeration	F
enumeration	L
enumeration	C
enumeration	D
enumeration	E
enumeration	G
enumeration	H
enumeration	M
enumeration	K
enumeration	T
enumeration	P
enumeration	V
enumeration	X

annotation

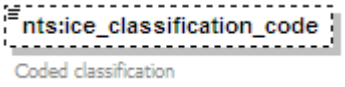
documentation
Coded accessibility

source

```
<xs:element name="ice_accessibility_code" type="nts:ice_accessibility_code_enum"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Coded accessibility</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **ice_condition_type/ice_classification_code**

diagram



namespace www.RISexpertgroups.org

type **nts:ice_classification_code_enum**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

facets

maxLength	1
enumeration	A
enumeration	B
enumeration	C
enumeration	D
enumeration	E

annotation

documentation
Coded classification

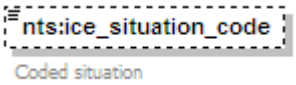
source

```
<xs:element name="ice_classification_code" type="nts:ice_classification_code_enum"
minOccurs="0">
```

```
  <xs:annotation>
   <xs:documentation>Coded classification</xs:documentation>
  </xs:annotation>
 </xs:element>
```

element **ice_condition_type/ice_situation_code**

diagram



namespace www.RISexpertgroups.org

type **nts:ice_situation_code_enum**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

facets

maxLength	3
enumeration	NOL
enumeration	LIM
enumeration	NON

annotation

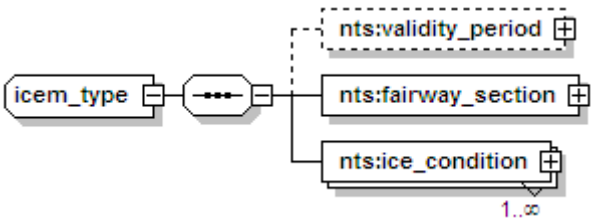
documentation
Coded situation

source

```
<xs:element name="ice_situation_code" type="nts:ice_situation_code_enum" minOccurs="0">
 <xs:annotation>
  <xs:documentation>Coded situation</xs:documentation>
 </xs:annotation>
</xs:element>
```

complexType **icem_type**

diagram



namespace www.RISexpertgroups.org

children **nts:validity_period** **nts:fairway_section** **nts:ice_condition**

used by

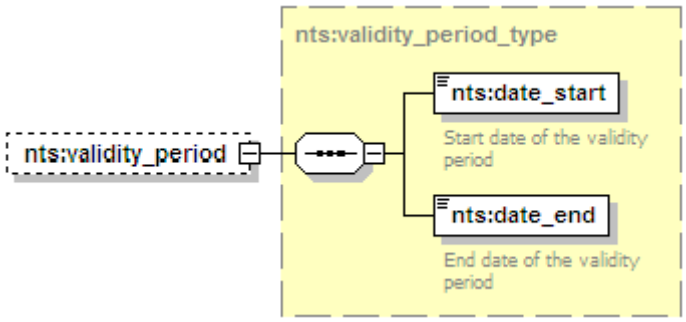
element **RIS_Message_Type/icem**

source

```
<xs:complexType name="icem_type">
 <xs:sequence>
  <xs:element name="validity_period" type="nts:validity_period_type" minOccurs="0"/>
  <xs:element name="fairway_section" type="nts:fairway_section_type"/>
  <xs:element name="ice_condition" type="nts:ice_condition_type" maxOccurs="unbounded"/>
 </xs:sequence>
</xs:complexType>
```

element **icem_type/validity_period**

diagram



namespace www.RISexpertgroups.org

type **nts:validity_period_type**

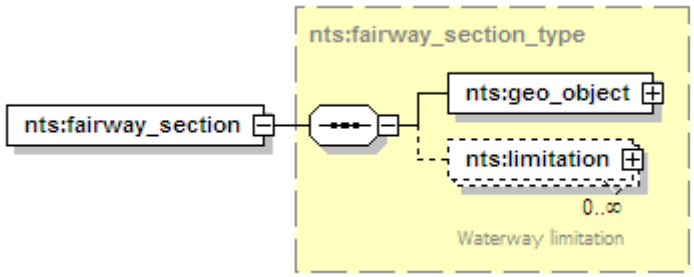
properties
isRef 0
minOcc 0
maxOcc 1
content complex

children **nts:date_start** **nts:date_end**

source
```
<xs:element name="validity_period" type="nts:validity_period_type" minOccurs="0"/>
```

element **icem_type/fairway_section**

diagram



namespace www.RISexpertgroups.org

type **nts:fairway_section_type**

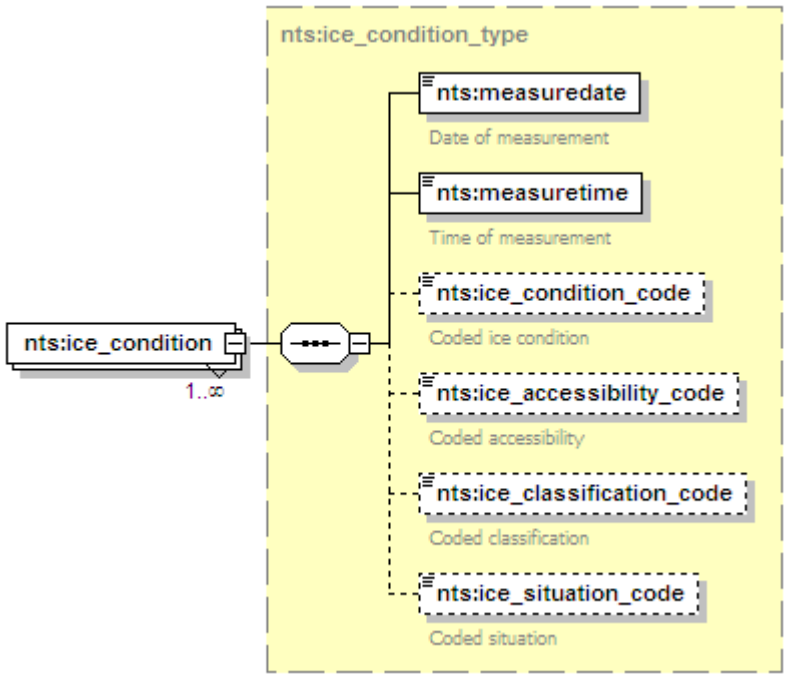
properties
isRef 0
content complex

children **nts:geo_object** **nts:limitation**

source
```
<xs:element name="fairway_section" type="nts:fairway_section_type"/>
```

element **icem_type/ice_condition**

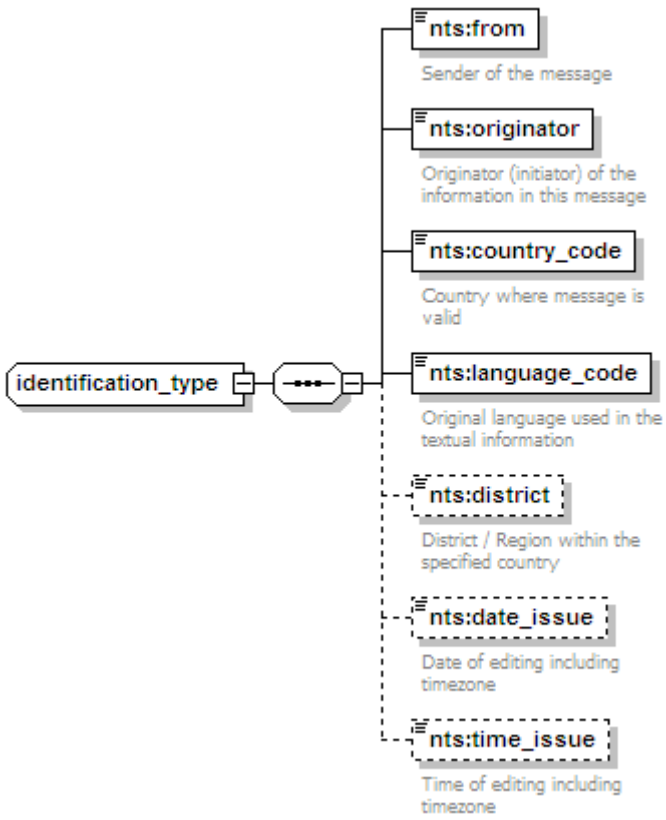
diagram



namespace	www.RISexpertgroups.org
type	**nts:ice_condition_type**
properties	isRef 0 minOcc 1 maxOcc unbounded content complex
children	**nts:measuredate** **nts:measuretime** **nts:ice_condition_code** **nts:ice_accessibility_code** **nts:ice_classification_code** **nts:ice_situation_code**
source	<xs:element name="ice_condition" type="nts:ice_condition_type" maxOccurs="unbounded"/>

complexType **identification_type**

diagram



namespace www.RISexpertgroups.org

children **nts:from** **nts:originator** **nts:country_code** **nts:language_code** **nts:district** **nts:date_issue** **nts:time_issue**

used by element **RIS_Message_Type/identification**

source

```
<xs:complexType name="identification_type">
 <xs:sequence>
  <xs:element name="from">
   <xs:annotation>
    <xs:documentation>Sender of the message</xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="64"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="originator">
   <xs:annotation>
    <xs:documentation>Originator (initiator) of the information in this
message</xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="64"/>
    </xs:restriction>
```

```
      </xs:simpleType>
    </xs:element>
    <xs:element name="country_code" type="nts:country_code_enum">
      <xs:annotation>
        <xs:documentation>Country where message is valid</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="language_code" type="nts:language_code_enum">
      <xs:annotation>
        <xs:documentation>Original language used in the textual information</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="district" minOccurs="0">
      <xs:annotation>
        <xs:documentation>District / Region within the specified country</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="64"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="date_issue" type="xs:date" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Date of editing including timezone</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="time_issue" type="xs:time" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Time of editing including timezone</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

element **identification_type/from**

diagram

namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties
- isRef 0
- content simple

facets
- maxLength 64

annotation
documentation
Sender of the message

source

```
<xs:element name="from">
  <xs:annotation>
    <xs:documentation>Sender of the message</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64"/>
```

```
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **identification_type/originator**

diagram

namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties
- isRef 0
- content simple

facets
- maxLength 64

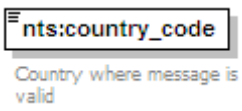
annotation
documentation
Originator (initiator) of the information in this message

source

```
<xs:element name="originator">
  <xs:annotation>
    <xs:documentation>Originator (initiator) of the information in this message</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **identification_type/country_code**

diagram



namespace www.RISexpertgroups.org

type **nts:country_code_enum**

properties
- isRef 0
- content simple

facets
- maxLength 2
- enumeration AT
- enumeration BE
- enumeration BG
- enumeration CH
- enumeration CS
- enumeration CY
- enumeration CZ
- enumeration DE
- enumeration DK
- enumeration EE
- enumeration ES
- enumeration FI
- enumeration FR
- enumeration GB
- enumeration GR
- enumeration HR
- enumeration HU
- enumeration IE

enumeration IT
enumeration LT
enumeration LU
enumeration LV
enumeration MD
enumeration MT
enumeration NL
enumeration PL
enumeration PT
enumeration RO
enumeration SE
enumeration SI
enumeration SK
enumeration RU
enumeration UA

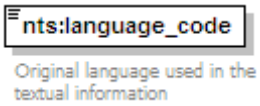
annotation
documentation
Country where message is valid

source

```
<xs:element name="country_code" type="nts:country_code_enum">
 <xs:annotation>
  <xs:documentation>Country where message is valid</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **identification_type/language_code**

diagram



namespace www.RISexpertgroups.org

type **nts:language_code_enum**

properties
isRef 0
content simple

facets
maxLength 2
enumeration DE
enumeration EN
enumeration FR
enumeration NL
enumeration SK
enumeration HU
enumeration HR
enumeration SR
enumeration BG
enumeration RO
enumeration RU
enumeration CS
enumeration PL
enumeration PT
enumeration ES
enumeration SV
enumeration FI
enumeration DA
enumeration ET
enumeration LV
enumeration LT
enumeration IT
enumeration MT
enumeration EL
enumeration SL

annotation
documentation
Original language used in the textual information

source

```
<xs:element name="language_code" type="nts:language_code_enum">
 <xs:annotation>
```

```
    <xs:documentation>Original language used in the textual information</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **identification_type/district**

diagram

namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

facets

maxLength	64

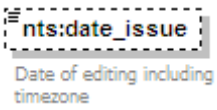
annotation
documentation
District / Region within the specified country

source

```
<xs:element name="district" minOccurs="0">
  <xs:annotation>
    <xs:documentation>District / Region within the specified country</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **identification_type/date_issue**

diagram



namespace www.RISexpertgroups.org

type **xs:date**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

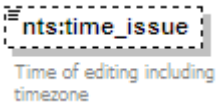
annotation
documentation
Date of editing including timezone

source

```
<xs:element name="date_issue" type="xs:date" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date of editing including timezone</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **identification_type/time_issue**

diagram



namespace www.RISexpertgroups.org

type **xs:time**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

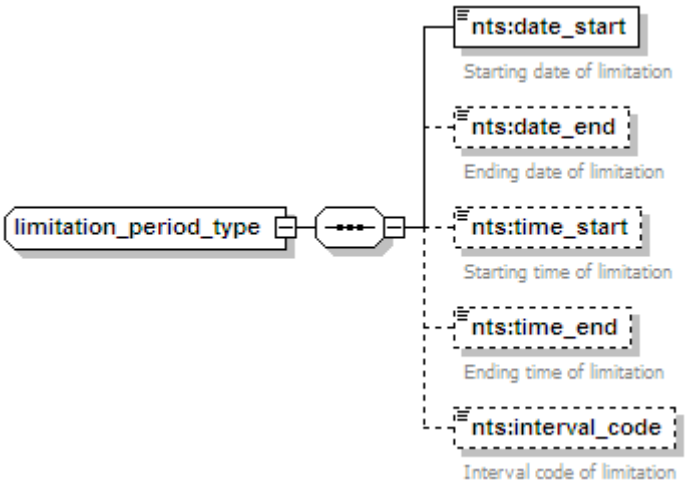
annotation
documentation
Time of editing including timezone

source

```
<xs:element name="time_issue" type="xs:time" minOccurs="0">
 <xs:annotation>
  <xs:documentation>Time of editing including timezone</xs:documentation>
 </xs:annotation>
</xs:element>
```

complexType **limitation_period_type**

diagram



namespace www.RISexpertgroups.org

children **nts:date_start nts:date_end nts:time_start nts:time_end nts:interval_code**

used by
- element **limitation_type/limitation_period**

source

```
<xs:complexType name="limitation_period_type">
 <xs:sequence>
  <xs:element name="date_start" type="xs:date">
   <xs:annotation>
    <xs:documentation>Starting date of limitation</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="date_end" type="xs:date" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Ending date of limitation</xs:documentation>
```

```
    </xs:annotation>
   </xs:element>
   <xs:element name="time_start" type="xs:time" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Starting time of limitation</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="time_end" type="xs:time" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Ending time of limitation</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="interval_code" type="nts:interval_code_enum" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Interval code of limitation</xs:documentation>
    </xs:annotation>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
```

element **limitation_period_type/date_start**

diagram

namespace www.RISexpertgroups.org

type **xs:date**

properties
- isRef 0
- content simple

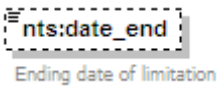
annotation
documentation
Starting date of limitation

source

```
<xs:element name="date_start" type="xs:date">
 <xs:annotation>
  <xs:documentation>Starting date of limitation</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **limitation_period_type/date_end**

diagram



namespace www.RISexpertgroups.org

type **xs:date**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

annotation
documentation
Ending date of limitation

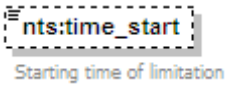
source

```
<xs:element name="date_end" type="xs:date" minOccurs="0">
 <xs:annotation>
  <xs:documentation>Ending date of limitation</xs:documentation>
```

```
  </xs:annotation>
</xs:element>
```

element **limitation_period_type/time_start**

diagram



namespace www.RISexpertgroups.org

type **xs:time**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

annotation

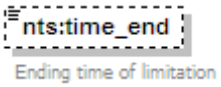
documentation
Starting time of limitation

source

```
<xs:element name="time_start" type="xs:time" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Starting time of limitation</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **limitation_period_type/time_end**

diagram



namespace www.RISexpertgroups.org

type **xs:time**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

annotation

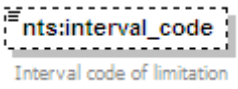
documentation
Ending time of limitation

source

```
<xs:element name="time_end" type="xs:time" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Ending time of limitation</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **limitation_period_type/interval_code**

diagram



namespace www.RISexpertgroups.org

type **nts:interval_code_enum**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

facets

maxLength	3
enumeration	CON
enumeration	DAY
enumeration	WRK
enumeration	WKN
enumeration	SUN
enumeration	MON
enumeration	TUE
enumeration	WED
enumeration	THU
enumeration	FRI
enumeration	SAT
enumeration	DTI
enumeration	NTI
enumeration	RVI
enumeration	EXC

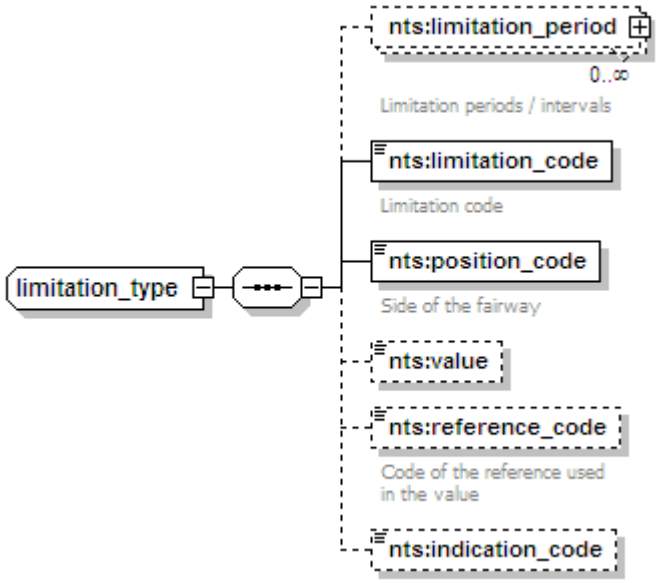
annotation
documentation
Interval code of limitation

source

```
<xs:element name="interval_code" type="nts:interval_code_enum" minOccurs="0">
 <xs:annotation>
  <xs:documentation>Interval code of limitation</xs:documentation>
 </xs:annotation>
</xs:element>
```

complexType **limitation_type**

diagram



namespace www.RISexpertgroups.org

children **nts:limitation_period** **nts:limitation_code** **nts:position_code** **nts:value** **nts:reference_code** **nts:indication_code**

used by
elements **object_type/limitation** **fairway_section_type/limitation**

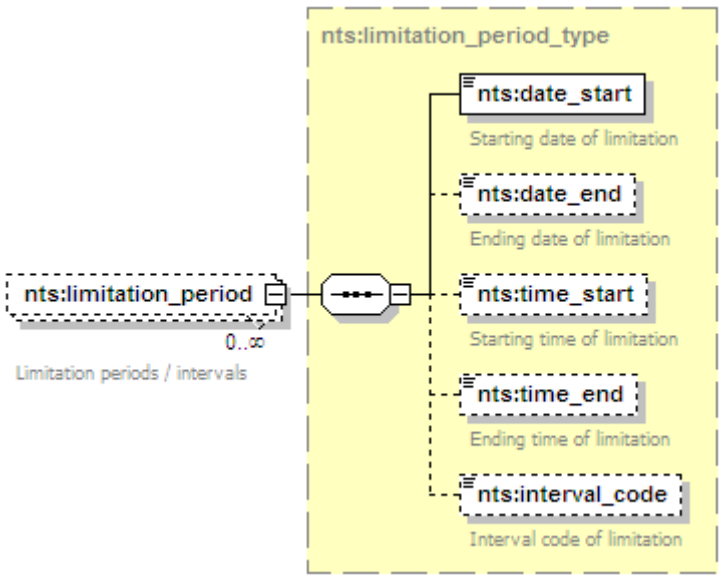
source

```
<xs:complexType name="limitation_type">
 <xs:sequence>
  <xs:element name="limitation_period" type="nts:limitation_period_type" minOccurs="0"
maxOccurs="unbounded">
   <xs:annotation>
    <xs:documentation>Limitation periods / intervals</xs:documentation>
   </xs:annotation>
  </xs:element>
```

```
    <xs:element name="limitation_code" type="nts:limitation_code_enum">
     <xs:annotation>
      <xs:documentation>Limitation code</xs:documentation>
     </xs:annotation>
    </xs:element>
    <xs:element name="position_code" type="nts:position_code_enum" default="AL">
     <xs:annotation>
      <xs:documentation>Side of the fairway</xs:documentation>
     </xs:annotation>
    </xs:element>
    <xs:element name="value" type="xs:float" minOccurs="0"/>
    <xs:element name="reference_code" type="nts:reference_code_enum" minOccurs="0">
     <xs:annotation>
      <xs:documentation>Code of the reference used in the value</xs:documentation>
     </xs:annotation>
    </xs:element>
    <xs:element name="indication_code" type="nts:indication_code_enum" minOccurs="0"/>
   </xs:sequence>
  </xs:complexType>
```

element **limitation_type/limitation_period**

diagram



namespace www.RISexpertgroups.org

type **nts:limitation_period_type**

properties

isRef	0
minOcc	0
maxOcc	unbounded
content	complex

children **nts:date_start** **nts:date_end** **nts:time_start** **nts:time_end** **nts:interval_code**

annotation
documentation
Limitation periods / intervals

source

```
<xs:element name="limitation_period" type="nts:limitation_period_type" minOccurs="0"
maxOccurs="unbounded">
 <xs:annotation>
  <xs:documentation>Limitation periods / intervals</xs:documentation>
```

```
  </xs:annotation>
</xs:element>
```

element **limitation_type/limitation_code**

diagram

namespace www.RISexpertgroups.org

type **nts:limitation_code_enum**

properties

isRef	0
content	simple

facets

maxLength	6
enumeration	OBSTRU
enumeration	PAROBS
enumeration	DELAY
enumeration	VESLEN
enumeration	VESHEI
enumeration	VESBRE
enumeration	VESDRA
enumeration	AVALEN
enumeration	CLEHEI
enumeration	CLEWID
enumeration	AVADEP
enumeration	NOMOOR
enumeration	SERVIC
enumeration	NOSERV
enumeration	SPEED
enumeration	WAVWAS
enumeration	PASSIN
enumeration	ANCHOR
enumeration	OVRTAK
enumeration	MINPWR
enumeration	ALTER
enumeration	CAUTIO
enumeration	NOLIM
enumeration	TURNIN
enumeration	NOSHORE
enumeration	CONBRE
enumeration	CONLEN

annotation

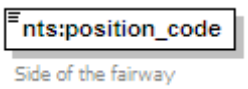
documentation
Limitation code

source

```
<xs:element name="limitation_code" type="nts:limitation_code_enum">
  <xs:annotation>
    <xs:documentation>Limitation code</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **limitation_type/position_code**

diagram



namespace www.RISexpertgroups.org

type **nts:position_code_enum**

properties

isRef	0
content	simple
default	AL

facets
- maxLength 2
- enumeration AL
- enumeration LE
- enumeration MI
- enumeration RI
- enumeration LB
- enumeration RB
- enumeration N
- enumeration NE
- enumeration E
- enumeration SE
- enumeration S
- enumeration SW
- enumeration W
- enumeration NW
- enumeration BI
- enumeration SM
- enumeration OL
- enumeration EW
- enumeration MP
- enumeration FP
- enumeration VA

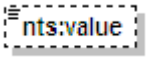
annotation
documentation
Side of the fairway

source

```
<xs:element name="position_code" type="nts:position_code_enum" default="AL">
  <xs:annotation>
    <xs:documentation>Side of the fairway</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **limitation_type/value**

diagram



namespace www.RISexpertgroups.org

type **xs:float**

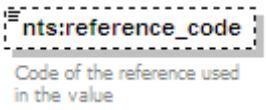
properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

source

```
<xs:element name="value" type="xs:float" minOccurs="0"/>
```

element **limitation_type/reference_code**

diagram



namespace www.RISexpertgroups.org

type **nts:reference_code_enum**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets
- maxLength 4
- enumeration NAP
- enumeration KP
- enumeration FZP
- enumeration ADR

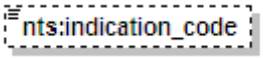
	enumeration	TAW
	enumeration	PUL
	enumeration	NGM
	enumeration	ETRS
	enumeration	POT
	enumeration	LDC
	enumeration	HDC
	enumeration	ZPG
	enumeration	GLW
	enumeration	HSW
	enumeration	LNW
	enumeration	HNW
	enumeration	IGN
	enumeration	WGS
	enumeration	RN
annotation	documentation	
	Code of the reference used in the value	

source

```
<xs:element name="reference_code" type="nts:reference_code_enum" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of the reference used in the value</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **limitation_type/indication_code**

diagram



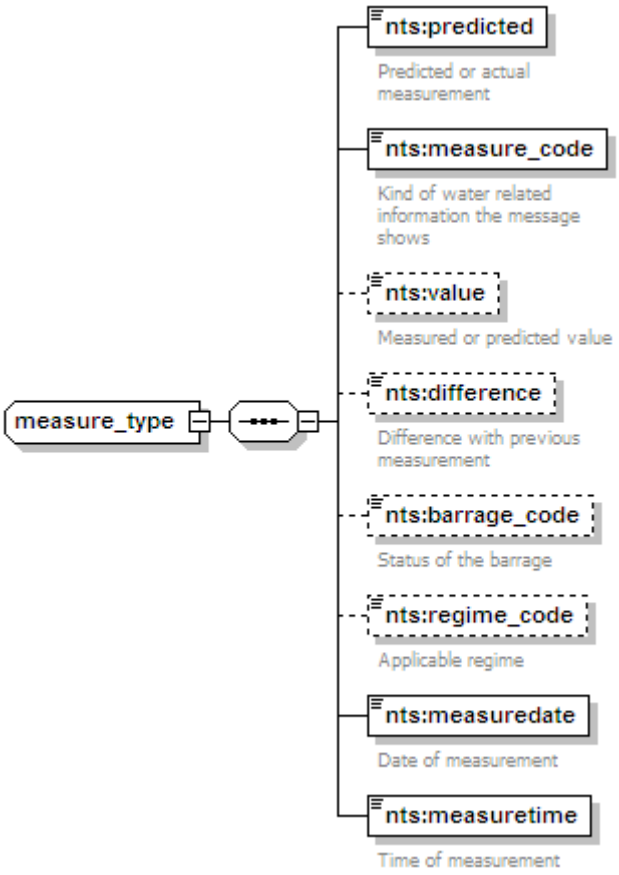
namespace	www.RISexpertgroups.org	
type	**nts:indication_code_enum**	
properties	isRef	0
	minOcc	0
	maxOcc	1
	content	simple
facets	maxLength	3
	enumeration	MAX
	enumeration	MIN
	enumeration	RED

source

```
<xs:element name="indication_code" type="nts:indication_code_enum" minOccurs="0"/>
```

complexType **measure_type**

diagram



namespace www.RISexpertgroups.org

children **nts:predicted** **nts:measure_code** **nts:value** **nts:difference** **nts:barrage_code** **nts:regime_code** **nts:measuredate** **nts:measuretime**

used by element **wrm_type/measure**

source

```
<xs:complexType name="measure_type">
 <xs:sequence>
  <xs:element name="predicted" type="xs:boolean">
   <xs:annotation>
    <xs:documentation>Predicted or actual measurement</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="measure_code" type="nts:measure_code_enum">
   <xs:annotation>
    <xs:documentation>Kind of water related information the message shows</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="value" type="xs:float" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Measured or predicted value</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="difference" type="xs:float" minOccurs="0">
```

```
      <xs:annotation>
       <xs:documentation>Difference with previous measurement</xs:documentation>
      </xs:annotation>
     </xs:element>
     <xs:element name="barrage_code" type="nts:barrage_code_enum" minOccurs="0">
      <xs:annotation>
       <xs:documentation>Status of the barrage</xs:documentation>
      </xs:annotation>
     </xs:element>
     <xs:element name="regime_code" type="nts:regime_code_enum" minOccurs="0">
      <xs:annotation>
       <xs:documentation>Applicable regime</xs:documentation>
      </xs:annotation>
     </xs:element>
     <xs:element name="measuredate" type="xs:date">
      <xs:annotation>
       <xs:documentation>Date of measurement</xs:documentation>
      </xs:annotation>
     </xs:element>
     <xs:element name="measuretime" type="xs:time">
      <xs:annotation>
       <xs:documentation>Time of measurement</xs:documentation>
      </xs:annotation>
     </xs:element>
    </xs:sequence>
   </xs:complexType>
```

element **measure_type/predicted**

diagram

namespace www.RISexpertgroups.org

type **xs:boolean**

properties
- isRef 0
- content simple

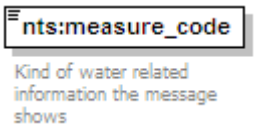
annotation
documentation
Predicted or actual measurement

source

```
<xs:element name="predicted" type="xs:boolean">
 <xs:annotation>
  <xs:documentation>Predicted or actual measurement</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **measure_type/measure_code**

diagram



namespace www.RISexpertgroups.org

type **nts:measure_code_enum**

properties
- isRef 0
- content simple

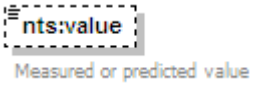
facets
- maxLength 3
- enumeration DIS
- enumeration REG
- enumeration BAR
- enumeration VER
- enumeration LSD
- enumeration WAL
- enumeration NOM

annotation
documentation
Kind of water related information the message shows

source
```
<xs:element name="measure_code" type="nts:measure_code_enum">
 <xs:annotation>
  <xs:documentation>Kind of water related information the message shows</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **measure_type/value**

diagram



namespace www.RISexpertgroups.org

type **xs:float**

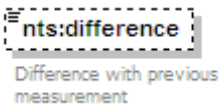
properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

annotation
documentation
Measured or predicted value

source
```
<xs:element name="value" type="xs:float" minOccurs="0">
 <xs:annotation>
  <xs:documentation>Measured or predicted value</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **measure_type/difference**

diagram



namespace www.RISexpertgroups.org

type **xs:float**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

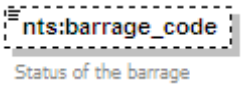
annotation
documentation
Difference with previous measurement

source
```
<xs:element name="difference" type="xs:float" minOccurs="0">
 <xs:annotation>
  <xs:documentation>Difference with previous measurement</xs:documentation>
```

```
  </xs:annotation>
</xs:element>
```

element **measure_type/barrage_code**

diagram



namespace www.RISexpertgroups.org

type **nts:barrage_code_enum**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets
- maxLength 3
- enumeration CLD
- enumeration OPG
- enumeration CLG
- enumeration OPD
- enumeration OPN

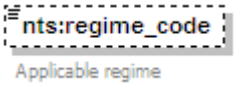
annotation
documentation
Status of the barrage

source

```
<xs:element name="barrage_code" type="nts:barrage_code_enum" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Status of the barrage</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **measure_type/regime_code**

diagram



namespace www.RISexpertgroups.org

type **nts:regime_code_enum**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets
- maxLength 2
- enumeration NO
- enumeration HI
- enumeration II
- enumeration I
- enumeration NN
- enumeration LO

annotation
documentation
Applicable regime

source

```
<xs:element name="regime_code" type="nts:regime_code_enum" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Applicable regime</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **measure_type/measuredate**

diagram

namespace www.RISexpertgroups.org

type **xs:date**

properties
isRef 0
content simple

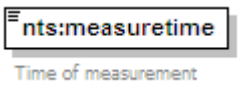
annotation
documentation
Date of measurement

source

```
<xs:element name="measuredate" type="xs:date">
 <xs:annotation>
  <xs:documentation>Date of measurement</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **measure_type/measuretime**

diagram



namespace www.RISexpertgroups.org

type **xs:time**

properties
isRef 0
content simple

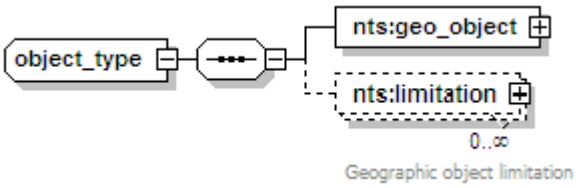
annotation
documentation
Time of measurement

source

```
<xs:element name="measuretime" type="xs:time">
 <xs:annotation>
  <xs:documentation>Time of measurement</xs:documentation>
 </xs:annotation>
</xs:element>
```

complexType **object_type**

diagram



namespace www.RISexpertgroups.org

children **nts:geo_object** **nts:limitation**

used by
element **ftm_type/object**

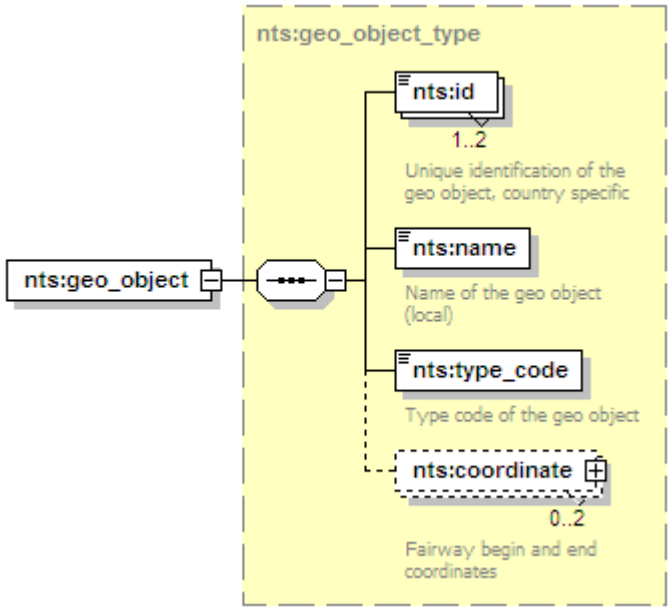
source

```
<xs:complexType name="object_type">
 <xs:sequence>
  <xs:element name="geo_object" type="nts:geo_object_type"/>
  <xs:element name="limitation" type="nts:limitation_type" minOccurs="0"
```

```
maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>Geographic object limitation</xs:documentation>
    </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

element **object_type/geo_object**

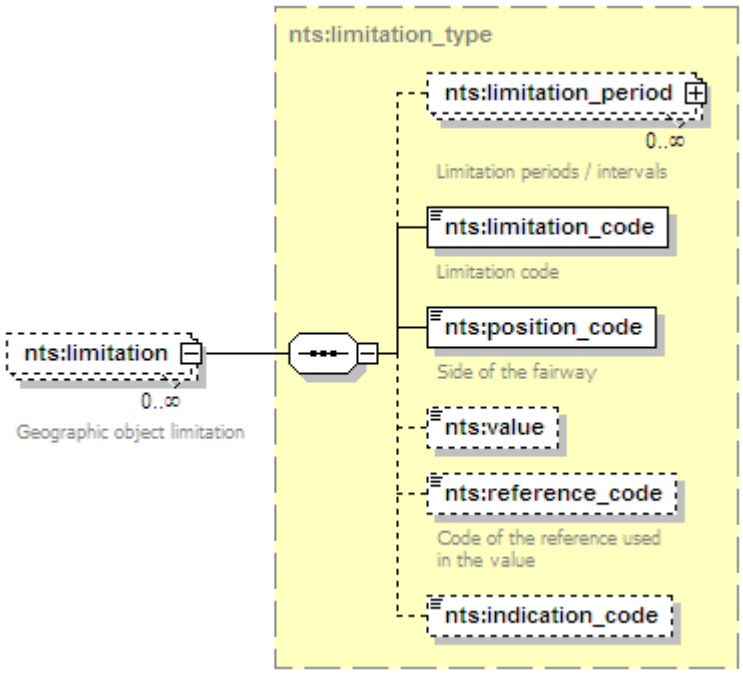
diagram



namespace	www.RISexpertgroups.org
type	**nts:geo_object_type**
properties	isRef 0 content complex
children	**nts:id nts:name nts:type_code nts:coordinate**
source	`<xs:element name="geo_object" type="nts:geo_object_type"/>`

element **object_type/limitation**

diagram



namespace www.RISexpertgroups.org

type **nts:limitation_type**

properties
- isRef 0
- minOcc 0
- maxOcc unbounded
- content complex

children **nts:limitation_period** **nts:limitation_code** **nts:position_code** **nts:value** **nts:reference_code** **nts:indication_code**

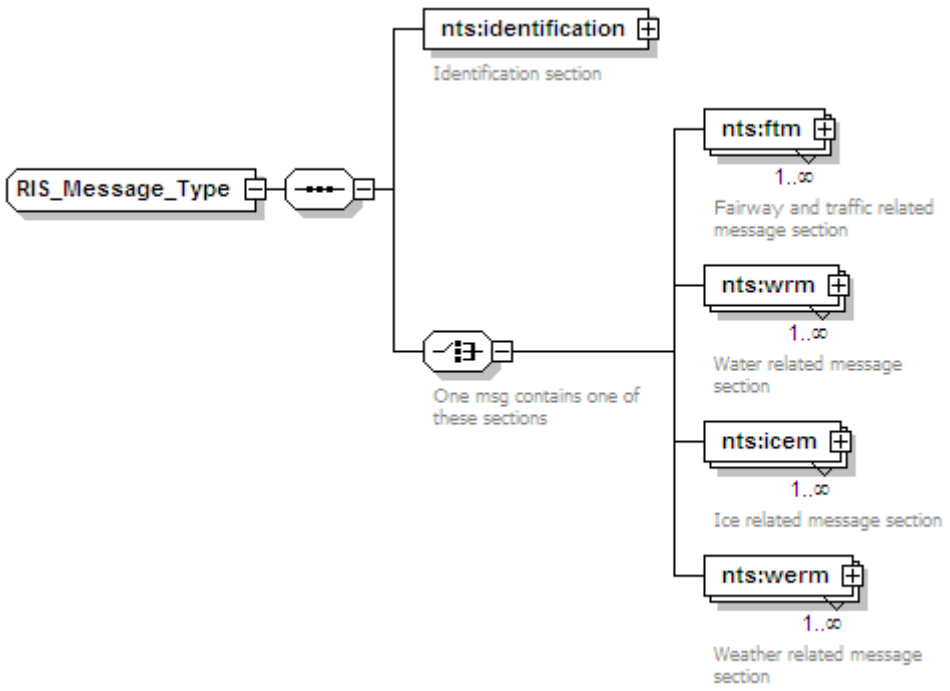
annotation
documentation
Geographic object limitation

source

```
<xs:element name="limitation" type="nts:limitation_type" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Geographic object limitation</xs:documentation>
  </xs:annotation>
</xs:element>
```

complexType **RIS_Message_Type**

diagram



namespace www.RISexpertgroups.org

children **nts:identification** **nts:ftm** **nts:wrm** **nts:icem** **nts:werm**

used by element **RIS_Message**

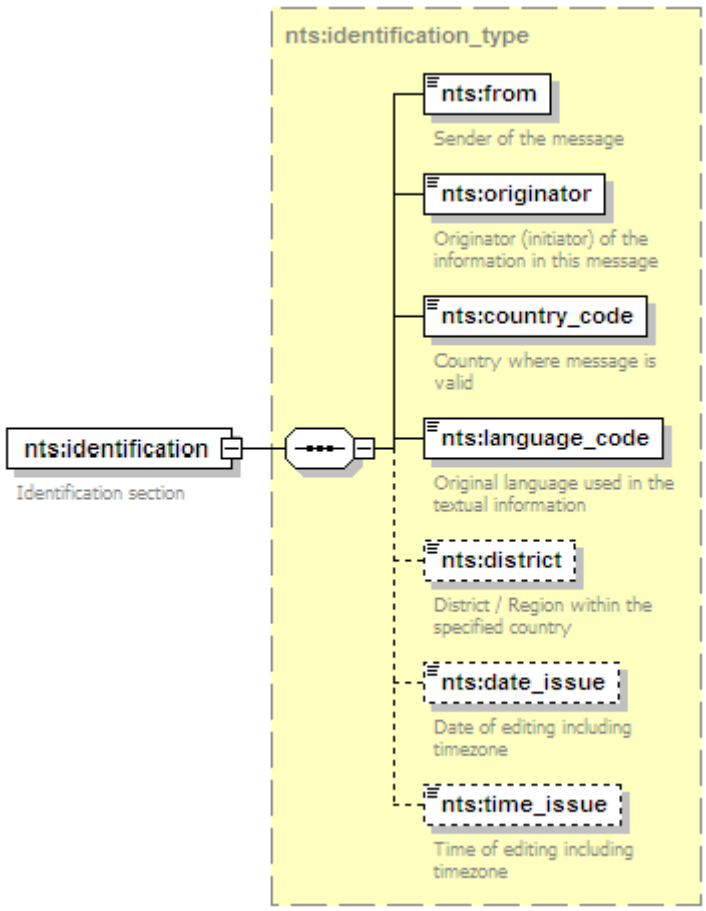
source

```
<xs:complexType name="RIS_Message_Type">
 <xs:sequence>
  <xs:element name="identification" type="nts:identification_type">
   <xs:annotation>
    <xs:documentation>Identification section</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:choice>
   <xs:annotation>
    <xs:documentation>One msg contains one of these sections</xs:documentation>
   </xs:annotation>
   <xs:element name="ftm" type="nts:ftm_type" maxOccurs="unbounded">
    <xs:annotation>
     <xs:documentation>Fairway and traffic related message section</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="wrm" type="nts:wrm_type" maxOccurs="unbounded">
    <xs:annotation>
     <xs:documentation>Water related message section</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="icem" type="nts:icem_type" maxOccurs="unbounded">
    <xs:annotation>
     <xs:documentation>Ice related message section</xs:documentation>
    </xs:annotation>
```

```
      </xs:element>
      <xs:element name="werm" type="nts:werm_type" maxOccurs="unbounded">
       <xs:annotation>
        <xs:documentation>Weather related message section</xs:documentation>
       </xs:annotation>
      </xs:element>
     </xs:choice>
    </xs:sequence>
</xs:complexType>
```

element **RIS_Message_Type/identification**

diagram



namespace www.RISexpertgroups.org

type **nts:identification_type**

properties
- isRef 0
- content complex

children **nts:from** **nts:originator** **nts:country_code** **nts:language_code** **nts:district** **nts:date_issue** **nts:time_issue**

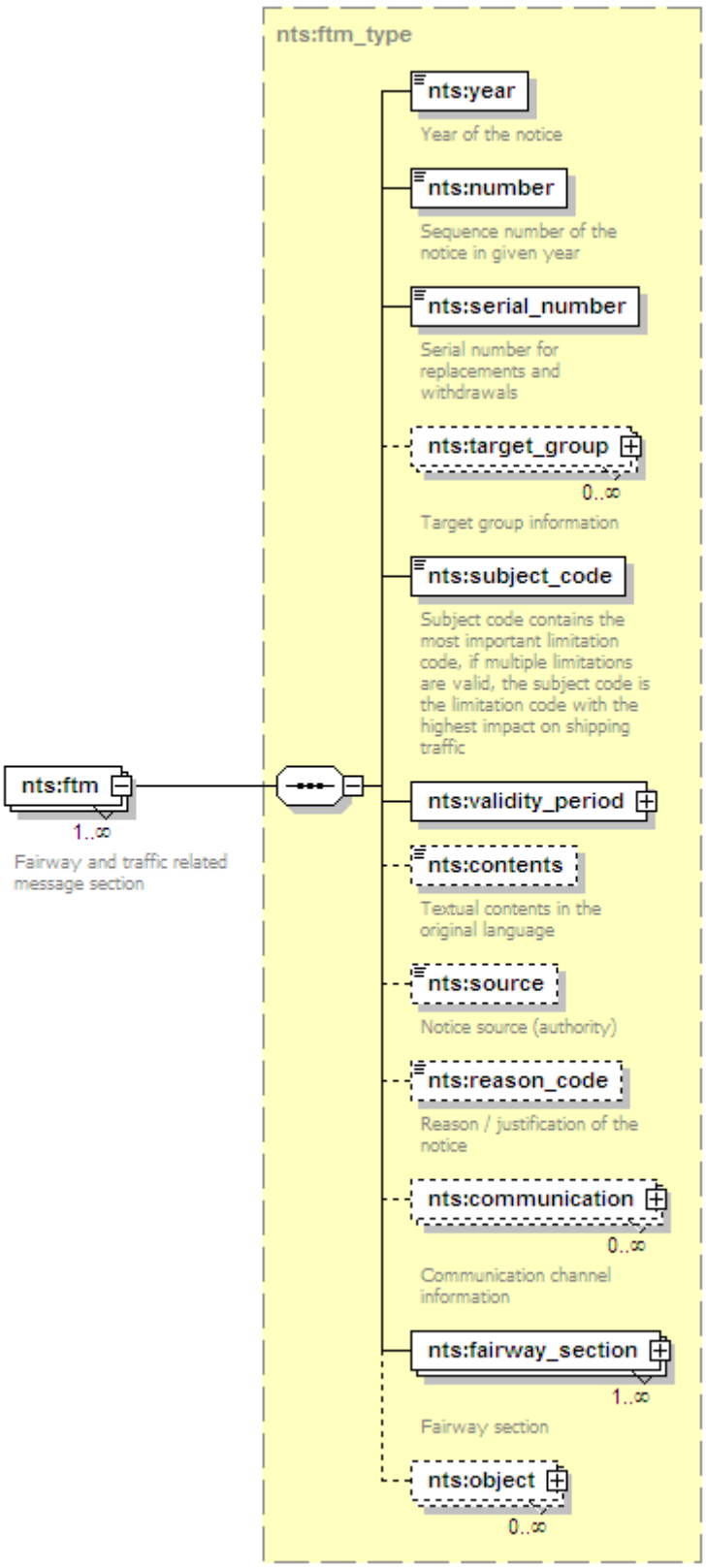
annotation
documentation
Identification section

source

```
<xs:element name="identification" type="nts:identification_type">
 <xs:annotation>
  <xs:documentation>Identification section</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **RIS_Message_Type/ftm**

diagram



namespace www.RISexpertgroups.org

type **nts:ftm_type**

properties
- isRef 0
- minOcc 1
- maxOcc unbounded
- content complex

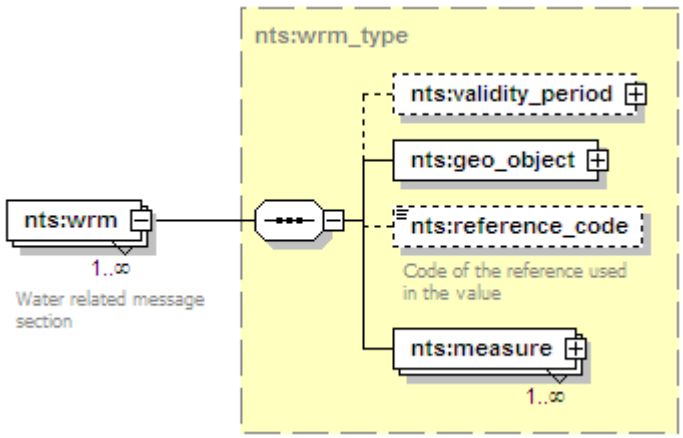
children **nts:year** **nts:number** **nts:serial_number** **nts:target_group** **nts:subject_code** **nts:validity_period** **nts:contents** **nts:source** **nts:reason_code** **nts:communication** **nts:fairway_section** **nts:object**

annotation
documentation
Fairway and traffic related message section

source
```
<xs:element name="ftm" type="nts:ftm_type" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Fairway and traffic related message section</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **RIS_Message_Type/wrm**

diagram



namespace www.RISexpertgroups.org

type **nts:wrm_type**

properties
- isRef 0
- minOcc 1
- maxOcc unbounded
- content complex

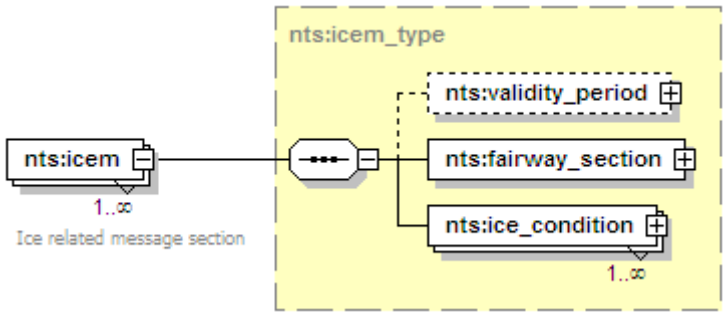
children **nts:validity_period** **nts:geo_object** **nts:reference_code** **nts:measure**

annotation
documentation
Water related message section

source
```
<xs:element name="wrm" type="nts:wrm_type" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Water related message section</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **RIS_Message_Type/icem**

diagram



namespace www.RISexpertgroups.org

type **nts:icem_type**

properties
- isRef 0
- minOcc 1
- maxOcc unbounded
- content complex

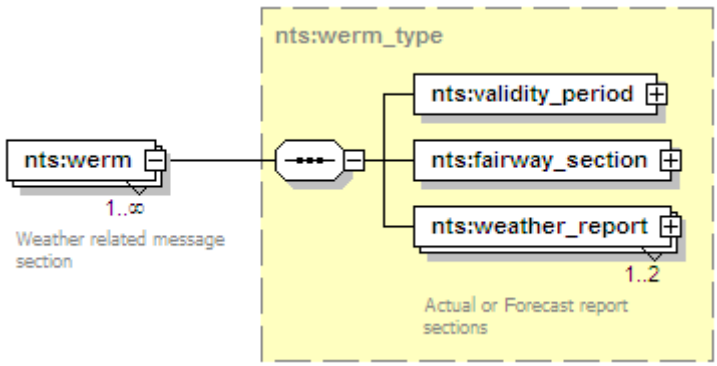
children **nts:validity_period** **nts:fairway_section** **nts:ice_condition**

annotation
documentation
Ice related message section

source
```
<xs:element name="icem" type="nts:icem_type" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Ice related message section</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **RIS_Message_Type/werm**

diagram



namespace www.RISexpertgroups.org

type **nts:werm_type**

properties
- isRef 0
- minOcc 1
- maxOcc unbounded
- content complex

children **nts:validity_period** **nts:fairway_section** **nts:weather_report**

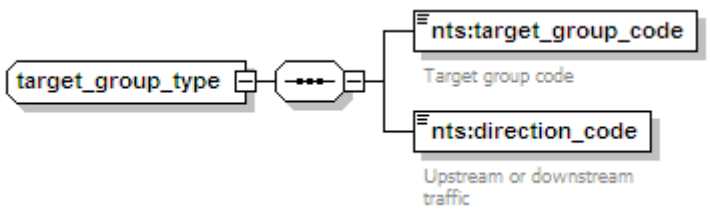
annotation
documentation
Weather related message section

source
```
<xs:element name="werm" type="nts:werm_type" maxOccurs="unbounded">
```

```
  <xs:annotation>
   <xs:documentation>Weather related message section</xs:documentation>
  </xs:annotation>
 </xs:element>
```

complexType **target_group_type**

diagram



namespace www.RISexpertgroups.org

children **nts:target_group_code** **nts:direction_code**

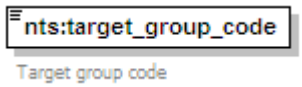
used by element **ftm_type/target_group**

source

```
<xs:complexType name="target_group_type">
 <xs:sequence>
  <xs:element name="target_group_code" type="nts:target_group_code_enum" default="ALL">
   <xs:annotation>
    <xs:documentation>Target group code</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="direction_code" type="nts:direction_code_enum" default="ALL">
   <xs:annotation>
    <xs:documentation>Upstream or downstream traffic</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

element **target_group_type/target_group_code**

diagram



namespace www.RISexpertgroups.org

type **nts:target_group_code_enum**

properties

isRef	0
content	simple
default	ALL

facets

maxLength	3
enumeration	ALL
enumeration	CDG
enumeration	COM
enumeration	PAX
enumeration	PLE
enumeration	CNV
enumeration	PUS
enumeration	NNU
enumeration	LOA
enumeration	SMA
enumeration	CND

annotation documentation
Target group code

source
```
<xs:element name="target_group_code" type="nts:target_group_code_enum" default="ALL">
 <xs:annotation>
  <xs:documentation>Target group code</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **target_group_type/direction_code**

diagram

namespace www.RISexpertgroups.org

type **nts:direction_code_enum**

properties
- isRef 0
- content simple
- default ALL

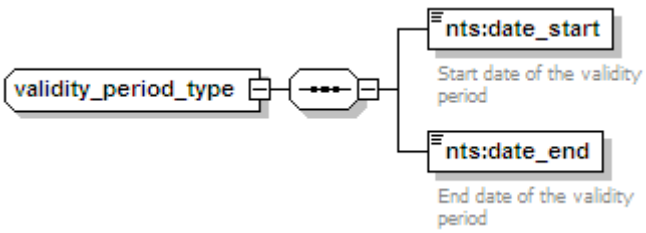
facets
- maxLength 3
- enumeration ALL
- enumeration UPS
- enumeration DWN

annotation documentation
Upstream or downstream traffic

source
```
<xs:element name="direction_code" type="nts:direction_code_enum" default="ALL">
 <xs:annotation>
  <xs:documentation>Upstream or downstream traffic</xs:documentation>
 </xs:annotation>
</xs:element>
```

complexType **validity_period_type**

diagram



namespace www.RISexpertgroups.org

children **nts:date_start** **nts:date_end**

used by elements **ftm_type/validity_period** **wrm_type/validity_period** **icem_type/validity_period** **werm_type/validity_period**

source
```
<xs:complexType name="validity_period_type">
 <xs:sequence>
  <xs:element name="date_start" type="xs:date">
   <xs:annotation>
    <xs:documentation>Start date of the validity period</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="date_end" type="xs:date">
   <xs:annotation>
```

```
      <xs:documentation>End date of the validity period</xs:documentation>
    </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

element **validity_period_type/date_start**

diagram

namespace www.RISexpertgroups.org

type **xs:date**

properties
- isRef 0
- content simple

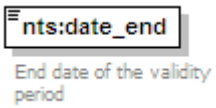
annotation
documentation
Start date of the validity period

source

```
<xs:element name="date_start" type="xs:date">
 <xs:annotation>
  <xs:documentation>Start date of the validity period</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **validity_period_type/date_end**

diagram



namespace www.RISexpertgroups.org

type **xs:date**

properties
- isRef 0
- content simple

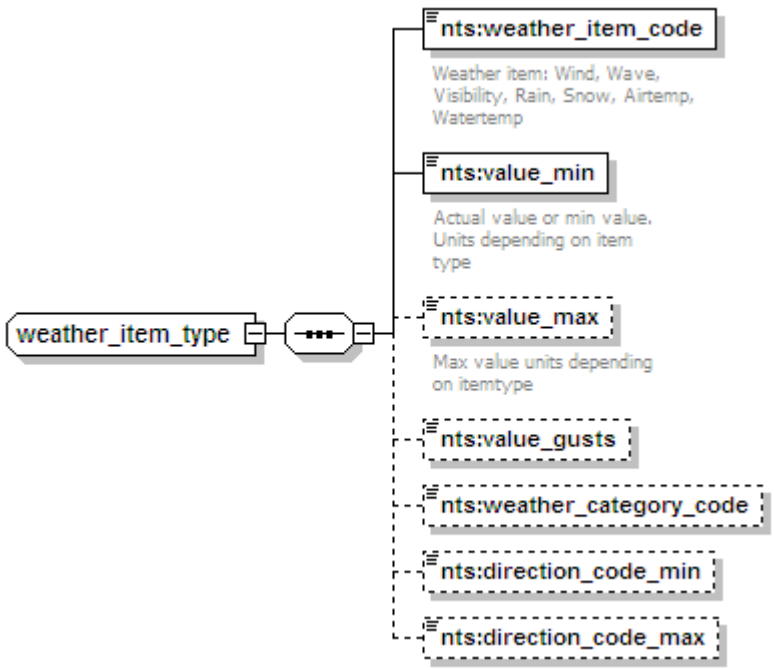
annotation
documentation
End date of the validity period

source

```
<xs:element name="date_end" type="xs:date">
 <xs:annotation>
  <xs:documentation>End date of the validity period</xs:documentation>
 </xs:annotation>
</xs:element>
```

complexType **weather_item_type**

diagram



namespace www.RISexpertgroups.org

children **nts:weather_item_code** **nts:value_min** **nts:value_max** **nts:value_gusts** **nts:weather_category_code** **nts:direction_code_min** **nts:direction_code_max**

used by element **weather_report_type/weather_item**

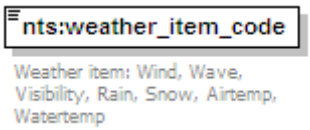
source

```
<xs:complexType name="weather_item_type">
 <xs:sequence>
  <xs:element name="weather_item_code">
   <xs:annotation>
    <xs:documentation>Weather item: Wind, Wave, Visibility, Rain, Snow, Airtemp,
Watertemp</xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="2"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="value_min" type="xs:float">
   <xs:annotation>
    <xs:documentation>Actual value or min value. Units depending on item
type</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="value_max" type="xs:float" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Max value units depending on itemtype</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="value_gusts" type="xs:float" minOccurs="0"/>
```

```
    <xs:element name="weather_category_code" minOccurs="0">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:maxLength value="2"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="direction_code_min" minOccurs="0">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:maxLength value="2"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="direction_code_max" minOccurs="0">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:maxLength value="2"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
   </xs:sequence>
  </xs:complexType>
```

element **weather_item_type/weather_item_code**

diagram



namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties
- isRef 0
- content simple

facets
- maxLength 2

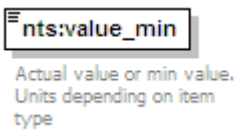
annotation
documentation
Weather item: Wind, Wave, Visibility, Rain, Snow, Airtemp, Watertemp

source

```
<xs:element name="weather_item_code">
 <xs:annotation>
  <xs:documentation>Weather item: Wind, Wave, Visibility, Rain, Snow, Airtemp,
Watertemp</xs:documentation>
 </xs:annotation>
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="2"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **weather_item_type/value_min**

diagram



namespace www.RISexpertgroups.org

type **xs:float**

properties
- isRef 0
- content simple

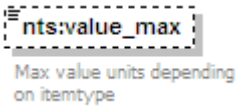
annotation
documentation
Actual value or min value. Units depending on item type

source

```
<xs:element name="value_min" type="xs:float">
 <xs:annotation>
  <xs:documentation>Actual value or min value. Units depending on item type</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **weather_item_type/value_max**

diagram



namespace www.RISexpertgroups.org

type **xs:float**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

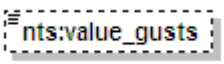
annotation
documentation
Max value units depending on itemtype

source

```
<xs:element name="value_max" type="xs:float" minOccurs="0">
 <xs:annotation>
  <xs:documentation>Max value units depending on itemtype</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **weather_item_type/value_gusts**

diagram



namespace www.RISexpertgroups.org

type **xs:float**

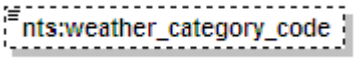
properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

source

```
<xs:element name="value_gusts" type="xs:float" minOccurs="0"/>
```

element **weather_item_type/weather_category_code**

diagram



namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

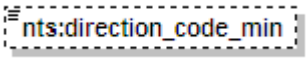
facets
- maxLength 2

source

```
<xs:element name="weather_category_code" minOccurs="0">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="2"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **weather_item_type/direction_code_min**

diagram



namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

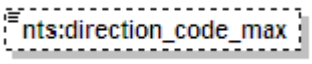
facets
- maxLength 2

source

```
<xs:element name="direction_code_min" minOccurs="0">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="2"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **weather_item_type/direction_code_max**

diagram



namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

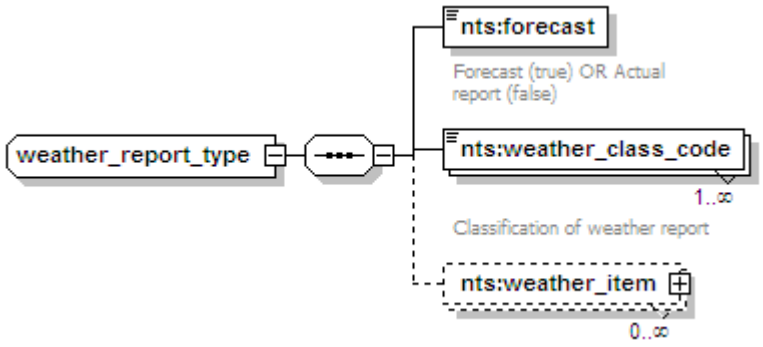
facets
- maxLength 2

source

```
<xs:element name="direction_code_max" minOccurs="0">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="2"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

complexType **weather_report_type**

diagram



namespace www.RISexpertgroups.org

children **nts:forecast nts:weather_class_code nts:weather_item**

used by

element **werm_type/weather_report**

source

```
<xs:complexType name="weather_report_type">
 <xs:sequence>
  <xs:element name="forecast" type="xs:boolean">
   <xs:annotation>
    <xs:documentation>Forecast (true) OR Actual report (false)</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="weather_class_code" maxOccurs="unbounded">
   <xs:annotation>
    <xs:documentation>Classification of weather report</xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="6"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="weather_item" type="nts:weather_item_type" minOccurs="0"
maxOccurs="unbounded"/>
 </xs:sequence>
</xs:complexType>
```

element **weather_report_type/forecast**

diagram

namespace www.RISexpertgroups.org

type **xs:boolean**

properties
- isRef 0
- content simple

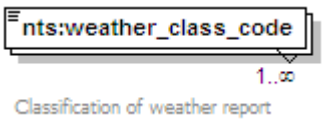
annotation
documentation
Forecast (true) OR Actual report (false)

source

```
<xs:element name="forecast" type="xs:boolean">
 <xs:annotation>
  <xs:documentation>Forecast (true) OR Actual report (false)</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **weather_report_type/weather_class_code**

diagram



namespace www.RISexpertgroups.org

type restriction of **xs:string**

properties
- isRef 0
- minOcc 1
- maxOcc unbounded
- content simple

facets
- maxLength 6

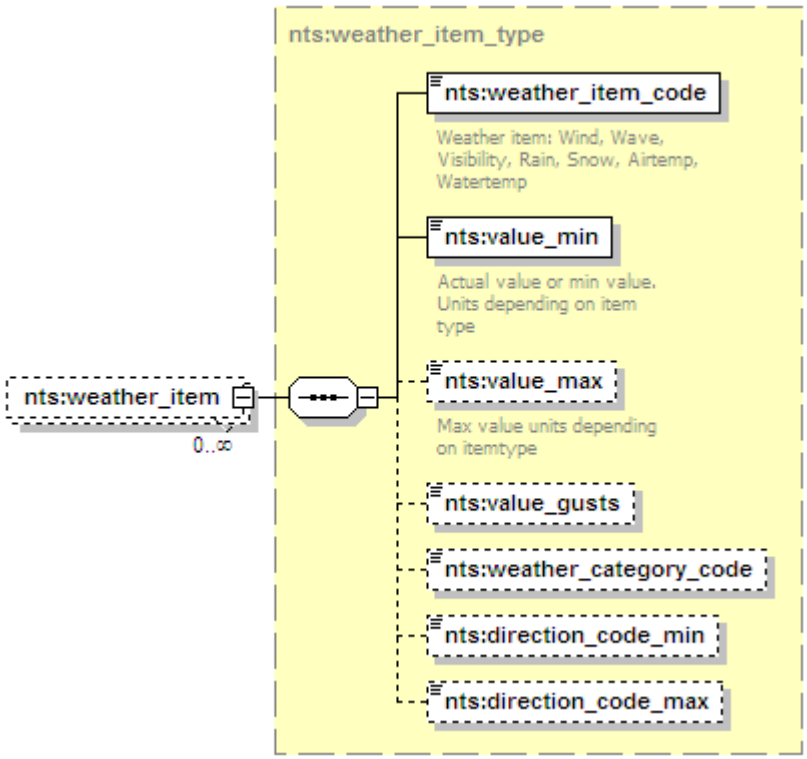
annotation
documentation
Classification of weather report

source

```
<xs:element name="weather_class_code" maxOccurs="unbounded">
 <xs:annotation>
  <xs:documentation>Classification of weather report</xs:documentation>
 </xs:annotation>
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="6"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **weather_report_type/weather_item**

diagram



namespace www.RISexpertgroups.org

type **nts:weather_item_type**

properties
- isRef 0
- minOcc 0
- maxOcc unbounded
- content complex

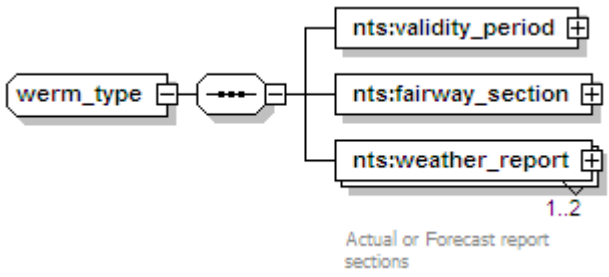
children **nts:weather_item_code** **nts:value_min** **nts:value_max** **nts:value_gusts** **nts:weather_category_code** **nts:direction_code_min** **nts:direction_code_max**

source

```
<xs:element name="weather_item" type="nts:weather_item_type" minOccurs="0" maxOccurs="unbounded"/>
```

complexType **werm_type**

diagram



namespace www.RISexpertgroups.org

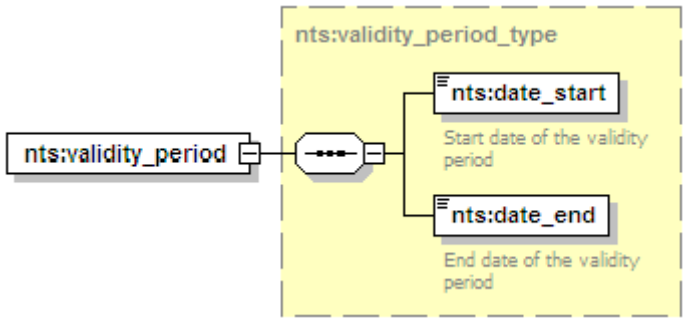
children **nts:validity_period** **nts:fairway_section** **nts:weather_report**

used by element **RIS_Message_Type/werm**

source
```
<xs:complexType name="werm_type">
 <xs:sequence>
  <xs:element name="validity_period" type="nts:validity_period_type"/>
  <xs:element name="fairway_section" type="nts:fairway_section_werm_type"/>
  <xs:element name="weather_report" type="nts:weather_report_type" maxOccurs="2">
   <xs:annotation>
    <xs:documentation>Actual or Forecast report sections</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

element **werm_type/validity_period**

diagram



namespace www.RISexpertgroups.org

type **nts:validity_period_type**

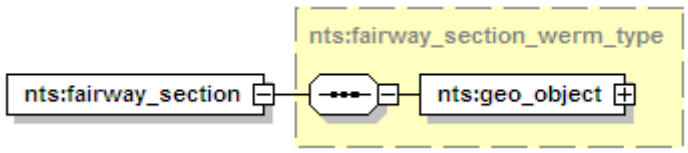
properties
- isRef 0
- content complex

children **nts:date_start** **nts:date_end**

source
```
<xs:element name="validity_period" type="nts:validity_period_type"/>
```

element **werm_type/fairway_section**

diagram



namespace www.RISexpertgroups.org

type **nts:fairway_section_werm_type**

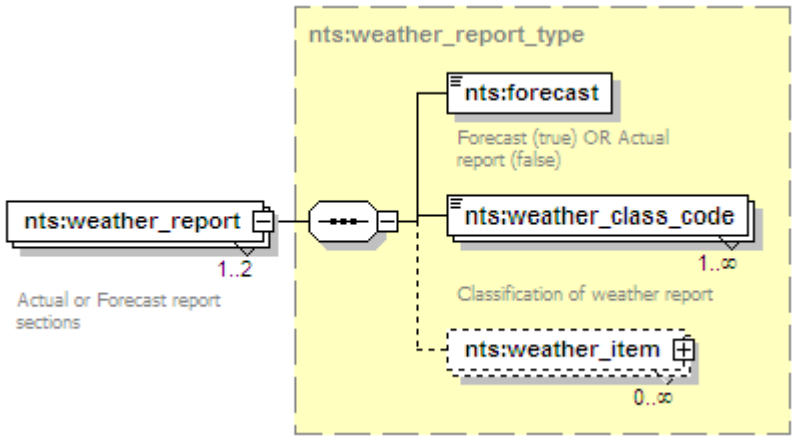
properties
- isRef 0
- content complex

children **nts:geo_object**

source
```
<xs:element name="fairway_section" type="nts:fairway_section_werm_type"/>
```

element **werm_type/weather_report**

diagram



namespace www.RISexpertgroups.org

type **nts:weather_report_type**

properties
- isRef 0
- minOcc 1
- maxOcc 2
- content complex

children **nts:forecast** **nts:weather_class_code** **nts:weather_item**

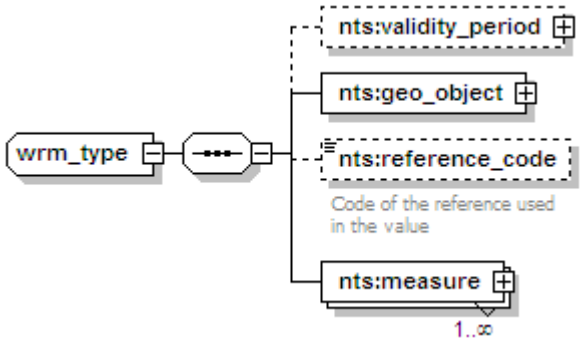
annotation
documentation
Actual or Forecast report sections

source

```
<xs:element name="weather_report" type="nts:weather_report_type" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>Actual or Forecast report sections</xs:documentation>
  </xs:annotation>
</xs:element>
```

complexType **wrm_type**

diagram



namespace www.RISexpertgroups.org

children **nts:validity_period** **nts:geo_object** **nts:reference_code** **nts:measure**

used by
- element **RIS_Message_Type/wrm**

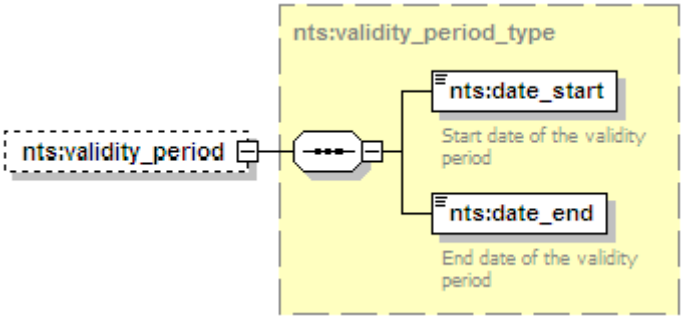
source

```
<xs:complexType name="wrm_type">
  <xs:sequence>
    <xs:element name="validity_period" type="nts:validity_period_type" minOccurs="0"/>
```

```
    <xs:element name="geo_object" type="nts:geo_object_type"/>
    <xs:element name="reference_code" type="nts:reference_code_enum" minOccurs="0">
     <xs:annotation>
      <xs:documentation>Code of the reference used in the value</xs:documentation>
     </xs:annotation>
    </xs:element>
    <xs:element name="measure" type="nts:measure_type" maxOccurs="unbounded"/>
   </xs:sequence>
  </xs:complexType>
```

element **wrm_type/validity_period**

diagram



namespace www.RISexpertgroups.org

type **nts:validity_period_type**

properties

isRef	0
minOcc	0
maxOcc	1
content	complex

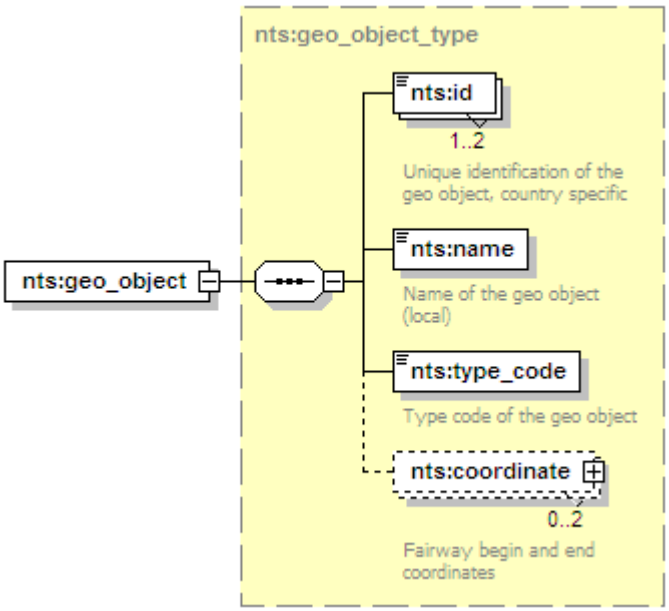
children **nts:date_start** **nts:date_end**

source

```
<xs:element name="validity_period" type="nts:validity_period_type" minOccurs="0"/>
```

element **wrm_type/geo_object**

diagram



namespace www.RISexpertgroups.org

type **nts:geo_object_type**

properties
- isRef 0
- content complex

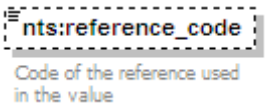
children **nts:id** **nts:name** **nts:type_code** **nts:coordinate**

source

```
<xs:element name="geo_object" type="nts:geo_object_type"/>
```

element **wrm_type/reference_code**

diagram



namespace www.RISexpertgroups.org

type **nts:reference_code_enum**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets
- maxLength 4
- enumeration NAP
- enumeration KP
- enumeration FZP
- enumeration ADR
- enumeration TAW
- enumeration PUL
- enumeration NGM
- enumeration ETRS
- enumeration POT
- enumeration LDC
- enumeration HDC
- enumeration ZPG
- enumeration GLW

enumeration HSW
enumeration LNW
enumeration HNW
enumeration IGN
enumeration WGS
enumeration RN

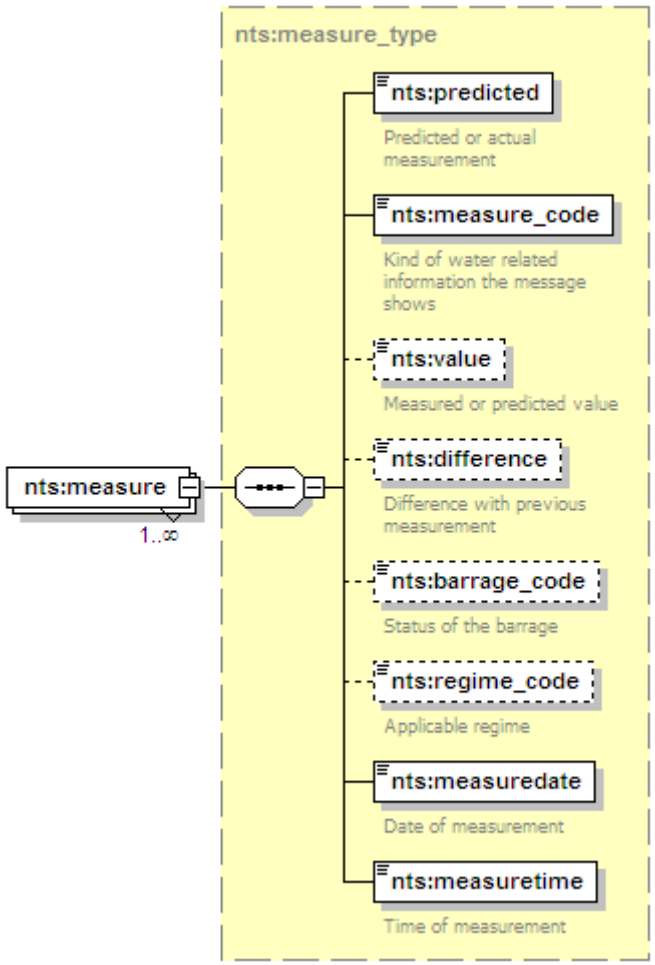
annotation
documentation
Code of the reference used in the value

source

```
<xs:element name="reference_code" type="nts:reference_code_enum" minOccurs="0">
 <xs:annotation>
  <xs:documentation>Code of the reference used in the value</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **wrm_type/measure**

diagram



namespace www.RISexpertgroups.org

type **nts:measure_type**

properties
isRef 0
minOcc 1
maxOcc unbounded
content complex

children **nts:predicted** **nts:measure_code** **nts:value** **nts:difference** **nts:barrage_code** **nts:regime_code** **nts:measuredate** **nts:measuretime**

source
```
<xs:element name="measure" type="nts:measure_type" maxOccurs="unbounded"/>
```

simpleType **barrage_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **measure_type/barrage_code**

facets

maxLength	3
enumeration	CLD
enumeration	OPG
enumeration	CLG
enumeration	OPD
enumeration	OPN

source
```
<xs:simpleType name="barrage_code_enum">
 <xs:restriction base="xs:string">
  <xs:maxLength value="3"/>
  <xs:enumeration value="CLD"/>
  <xs:enumeration value="OPG"/>
  <xs:enumeration value="CLG"/>
  <xs:enumeration value="OPD"/>
  <xs:enumeration value="OPN"/>
 </xs:restriction>
</xs:simpleType>
```

simpleType **communication_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **communication_type/communication_code**

facets

maxLength	3
enumeration	TEL
enumeration	VHF
enumeration	EM
enumeration	INT
enumeration	TXT
enumeration	FAX
enumeration	LIG
enumeration	FLA
enumeration	SOU

source
```
<xs:simpleType name="communication_code_enum">
 <xs:restriction base="xs:string">
  <xs:maxLength value="3"/>
  <xs:enumeration value="TEL"/>
  <xs:enumeration value="VHF"/>
  <xs:enumeration value="EM"/>
  <xs:enumeration value="INT"/>
  <xs:enumeration value="TXT"/>
  <xs:enumeration value="FAX"/>
  <xs:enumeration value="LIG"/>
  <xs:enumeration value="FLA"/>
  <xs:enumeration value="SOU"/>
 </xs:restriction>
</xs:simpleType>
```

simpleType **country_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **identification_type/country_code**

facets

maxLength	2
enumeration	AT
enumeration	BE
enumeration	BG
enumeration	CH
enumeration	CS
enumeration	CY
enumeration	CZ
enumeration	DE
enumeration	DK
enumeration	EE
enumeration	ES
enumeration	FI
enumeration	FR
enumeration	GB
enumeration	GR
enumeration	HR
enumeration	HU
enumeration	IE
enumeration	IT
enumeration	LT
enumeration	LU
enumeration	LV
enumeration	MD
enumeration	MT
enumeration	NL
enumeration	PL
enumeration	PT
enumeration	RO
enumeration	SE
enumeration	SI
enumeration	SK
enumeration	RU
enumeration	UA

source

```
<xs:simpleType name="country_code_enum">
 <xs:restriction base="xs:string">
  <xs:maxLength value="2"/>
  <xs:enumeration value="AT"/>
  <xs:enumeration value="BE"/>
  <xs:enumeration value="BG"/>
  <xs:enumeration value="CH"/>
  <xs:enumeration value="CS"/>
  <xs:enumeration value="CY"/>
  <xs:enumeration value="CZ"/>
  <xs:enumeration value="DE"/>
  <xs:enumeration value="DK"/>
  <xs:enumeration value="EE"/>
  <xs:enumeration value="ES"/>
  <xs:enumeration value="FI"/>
  <xs:enumeration value="FR"/>
  <xs:enumeration value="GB"/>
  <xs:enumeration value="GR"/>
  <xs:enumeration value="HR"/>
  <xs:enumeration value="HU"/>
  <xs:enumeration value="IE"/>
```

```
    <xs:enumeration value="IT"/>
    <xs:enumeration value="LT"/>
    <xs:enumeration value="LU"/>
    <xs:enumeration value="LV"/>
    <xs:enumeration value="MD"/>
    <xs:enumeration value="MT"/>
    <xs:enumeration value="NL"/>
    <xs:enumeration value="PL"/>
    <xs:enumeration value="PT"/>
    <xs:enumeration value="RO"/>
    <xs:enumeration value="SE"/>
    <xs:enumeration value="SI"/>
    <xs:enumeration value="SK"/>
    <xs:enumeration value="RU"/>
    <xs:enumeration value="UA"/>
   </xs:restriction>
  </xs:simpleType>
```

simpleType **direction_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **target_group_type/direction_code**

facets

maxLength	3
enumeration	ALL
enumeration	UPS
enumeration	DWN

source

```
<xs:simpleType name="direction_code_enum">
 <xs:restriction base="xs:string">
  <xs:maxLength value="3"/>
  <xs:enumeration value="ALL"/>
  <xs:enumeration value="UPS"/>
  <xs:enumeration value="DWN"/>
 </xs:restriction>
</xs:simpleType>
```

simpleType **ice_accessibility_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **ice_condition_type/ice_accessibility_code**

facets

maxLength	1
enumeration	A
enumeration	B
enumeration	F
enumeration	L
enumeration	C
enumeration	D
enumeration	E
enumeration	G
enumeration	H
enumeration	M
enumeration	K
enumeration	T
enumeration	P
enumeration	V

enumeration X

source
```
<xs:simpleType name="ice_accessibility_code_enum">
 <xs:restriction base="xs:string">
  <xs:maxLength value="1"/>
  <xs:enumeration value="A"/>
  <xs:enumeration value="B"/>
  <xs:enumeration value="F"/>
  <xs:enumeration value="L"/>
  <xs:enumeration value="C"/>
  <xs:enumeration value="D"/>
  <xs:enumeration value="E"/>
  <xs:enumeration value="G"/>
  <xs:enumeration value="H"/>
  <xs:enumeration value="M"/>
  <xs:enumeration value="K"/>
  <xs:enumeration value="T"/>
  <xs:enumeration value="P"/>
  <xs:enumeration value="V"/>
  <xs:enumeration value="X"/>
 </xs:restriction>
</xs:simpleType>
```

simpleType **ice_classification_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **ice_condition_type/ice_classification_code**

facets
maxLength 1
enumeration A
enumeration B
enumeration C
enumeration D
enumeration E

source
```
<xs:simpleType name="ice_classification_code_enum">
 <xs:restriction base="xs:string">
  <xs:maxLength value="1"/>
  <xs:enumeration value="A"/>
  <xs:enumeration value="B"/>
  <xs:enumeration value="C"/>
  <xs:enumeration value="D"/>
  <xs:enumeration value="E"/>
 </xs:restriction>
</xs:simpleType>
```

simpleType **ice_condition_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **ice_condition_type/ice_condition_code**

facets
maxLength 1
enumeration A
enumeration B
enumeration C
enumeration D

enumeration E
enumeration F
enumeration G
enumeration H
enumeration K
enumeration L
enumeration M
enumeration P
enumeration R
enumeration S
enumeration U
enumeration O
enumeration V

source

```
<xs:simpleType name="ice_condition_code_enum">
 <xs:restriction base="xs:string">
  <xs:maxLength value="1"/>
  <xs:enumeration value="A"/>
  <xs:enumeration value="B"/>
  <xs:enumeration value="C"/>
  <xs:enumeration value="D"/>
  <xs:enumeration value="E"/>
  <xs:enumeration value="F"/>
  <xs:enumeration value="G"/>
  <xs:enumeration value="H"/>
  <xs:enumeration value="K"/>
  <xs:enumeration value="L"/>
  <xs:enumeration value="M"/>
  <xs:enumeration value="P"/>
  <xs:enumeration value="R"/>
  <xs:enumeration value="S"/>
  <xs:enumeration value="U"/>
  <xs:enumeration value="O"/>
  <xs:enumeration value="V"/>
 </xs:restriction>
</xs:simpleType>
```

simpleType **ice_situation_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **ice_condition_type/ice_situation_code**

facets
maxLength 3
enumeration NOL
enumeration LIM
enumeration NON

source

```
<xs:simpleType name="ice_situation_code_enum">
 <xs:restriction base="xs:string">
  <xs:maxLength value="3"/>
  <xs:enumeration value="NOL"/>
  <xs:enumeration value="LIM"/>
  <xs:enumeration value="NON"/>
 </xs:restriction>
</xs:simpleType>
```

simpleType **indication_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **limitation_type/indication_code**

facets
maxLength	3
enumeration	MAX
enumeration	MIN
enumeration	RED

source
```
<xs:simpleType name="indication_code_enum">
 <xs:restriction base="xs:string">
  <xs:maxLength value="3"/>
  <xs:enumeration value="MAX"/>
  <xs:enumeration value="MIN"/>
  <xs:enumeration value="RED"/>
 </xs:restriction>
</xs:simpleType>
```

simpleType **interval_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **limitation_period_type/interval_code**

facets
maxLength	3
enumeration	CON
enumeration	DAY
enumeration	WRK
enumeration	WKN
enumeration	SUN
enumeration	MON
enumeration	TUE
enumeration	WED
enumeration	THU
enumeration	FRI
enumeration	SAT
enumeration	DTI
enumeration	NTI
enumeration	RVI
enumeration	EXC

source
```
<xs:simpleType name="interval_code_enum">
 <xs:restriction base="xs:string">
  <xs:maxLength value="3"/>
  <xs:enumeration value="CON"/>
  <xs:enumeration value="DAY"/>
  <xs:enumeration value="WRK"/>
  <xs:enumeration value="WKN"/>
  <xs:enumeration value="SUN"/>
  <xs:enumeration value="MON"/>
  <xs:enumeration value="TUE"/>
  <xs:enumeration value="WED"/>
  <xs:enumeration value="THU"/>
  <xs:enumeration value="FRI"/>
  <xs:enumeration value="SAT"/>
  <xs:enumeration value="DTI"/>
  <xs:enumeration value="NTI"/>
```

```
    <xs:enumeration value="RVI"/>
    <xs:enumeration value="EXC"/>
   </xs:restriction>
  </xs:simpleType>
```

simpleType **language_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **identification_type/language_code**

facets

maxLength	2
enumeration	DE
enumeration	EN
enumeration	FR
enumeration	NL
enumeration	SK
enumeration	HU
enumeration	HR
enumeration	SR
enumeration	BG
enumeration	RO
enumeration	RU
enumeration	CS
enumeration	PL
enumeration	PT
enumeration	ES
enumeration	SV
enumeration	FI
enumeration	DA
enumeration	ET
enumeration	LV
enumeration	LT
enumeration	IT
enumeration	MT
enumeration	EL
enumeration	SL

source

```
<xs:simpleType name="language_code_enum">
 <xs:restriction base="xs:string">
  <xs:maxLength value="2"/>
  <xs:enumeration value="DE"/>
  <xs:enumeration value="EN"/>
  <xs:enumeration value="FR"/>
  <xs:enumeration value="NL"/>
  <xs:enumeration value="SK"/>
  <xs:enumeration value="HU"/>
  <xs:enumeration value="HR"/>
  <xs:enumeration value="SR"/>
  <xs:enumeration value="BG"/>
  <xs:enumeration value="RO"/>
  <xs:enumeration value="RU"/>
  <xs:enumeration value="CS"/>
  <xs:enumeration value="PL"/>
  <xs:enumeration value="PT"/>
  <xs:enumeration value="ES"/>
  <xs:enumeration value="SV"/>
  <xs:enumeration value="FI"/>
  <xs:enumeration value="DA"/>
  <xs:enumeration value="ET"/>
  <xs:enumeration value="LV"/>
```

```
    <xs:enumeration value="LT"/>
    <xs:enumeration value="IT"/>
    <xs:enumeration value="MT"/>
    <xs:enumeration value="EL"/>
    <xs:enumeration value="SL"/>
   </xs:restriction>
  </xs:simpleType>
```

simpleType **limitation_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **limitation_type/limitation_code**

facets

maxLength	6
enumeration	OBSTRU
enumeration	PAROBS
enumeration	DELAY
enumeration	VESLEN
enumeration	VESHEI
enumeration	VESBRE
enumeration	VESDRA
enumeration	AVALEN
enumeration	CLEHEI
enumeration	CLEWID
enumeration	AVADEP
enumeration	NOMOOR
enumeration	SERVIC
enumeration	NOSERV
enumeration	SPEED
enumeration	WAVWAS
enumeration	PASSIN
enumeration	ANCHOR
enumeration	OVRTAK
enumeration	MINPWR
enumeration	ALTER
enumeration	CAUTIO
enumeration	NOLIM
enumeration	TURNIN
enumeration	NOSHORE
enumeration	CONBRE
enumeration	CONLEN

source

```
<xs:simpleType name="limitation_code_enum">
  <xs:restriction base="xs:string">
    <xs:maxLength value="6"/>
    <xs:enumeration value="OBSTRU"/>
    <xs:enumeration value="PAROBS"/>
    <xs:enumeration value="DELAY"/>
    <xs:enumeration value="VESLEN"/>
    <xs:enumeration value="VESHEI"/>
    <xs:enumeration value="VESBRE"/>
    <xs:enumeration value="VESDRA"/>
    <xs:enumeration value="AVALEN"/>
    <xs:enumeration value="CLEHEI"/>
    <xs:enumeration value="CLEWID"/>
    <xs:enumeration value="AVADEP"/>
    <xs:enumeration value="NOMOOR"/>
    <xs:enumeration value="SERVIC"/>
    <xs:enumeration value="NOSERV"/>
    <xs:enumeration value="SPEED"/>
```

```
    <xs:enumeration value="WAVWAS"/>
    <xs:enumeration value="PASSIN"/>
    <xs:enumeration value="ANCHOR"/>
    <xs:enumeration value="OVRTAK"/>
    <xs:enumeration value="MINPWR"/>
    <xs:enumeration value="ALTER"/>
    <xs:enumeration value="CAUTIO"/>
    <xs:enumeration value="NOLIM"/>
    <xs:enumeration value="TURNIN"/>
    <xs:enumeration value="NOSHORE"/>
    <xs:enumeration value="CONBRE"/>
    <xs:enumeration value="CONLEN"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **measure_code_enum**

namespace: www.RISexpertgroups.org

type: restriction of **xs:string**

used by: element **measure_type/measure_code**

facets:

maxLength	3
enumeration	DIS
enumeration	REG
enumeration	BAR
enumeration	VER
enumeration	LSD
enumeration	WAL
enumeration	NOM

source

```
<xs:simpleType name="measure_code_enum">
  <xs:restriction base="xs:string">
    <xs:maxLength value="3"/>
    <xs:enumeration value="DIS"/>
    <xs:enumeration value="REG"/>
    <xs:enumeration value="BAR"/>
    <xs:enumeration value="VER"/>
    <xs:enumeration value="LSD"/>
    <xs:enumeration value="WAL"/>
    <xs:enumeration value="NOM"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **position_code_enum**

namespace: www.RISexpertgroups.org

type: restriction of **xs:string**

used by: element **limitation_type/position_code**

facets:

maxLength	2
enumeration	AL
enumeration	LE
enumeration	MI
enumeration	RI
enumeration	LB
enumeration	RB
enumeration	N
enumeration	NE
enumeration	E

enumeration	SE
enumeration	S
enumeration	SW
enumeration	W
enumeration	NW
enumeration	BI
enumeration	SM
enumeration	OL
enumeration	EW
enumeration	MP
enumeration	FP
enumeration	VA

source

```
<xs:simpleType name="position_code_enum">
 <xs:restriction base="xs:string">
  <xs:maxLength value="2"/>
  <xs:enumeration value="AL"/>
  <xs:enumeration value="LE"/>
  <xs:enumeration value="MI"/>
  <xs:enumeration value="RI"/>
  <xs:enumeration value="LB"/>
  <xs:enumeration value="RB"/>
  <xs:enumeration value="N"/>
  <xs:enumeration value="NE"/>
  <xs:enumeration value="E"/>
  <xs:enumeration value="SE"/>
  <xs:enumeration value="S"/>
  <xs:enumeration value="SW"/>
  <xs:enumeration value="W"/>
  <xs:enumeration value="NW"/>
  <xs:enumeration value="BI"/>
  <xs:enumeration value="SM"/>
  <xs:enumeration value="OL"/>
  <xs:enumeration value="EW"/>
  <xs:enumeration value="MP"/>
  <xs:enumeration value="FP"/>
  <xs:enumeration value="VA"/>
 </xs:restriction>
</xs:simpleType>
```

simpleType **reason_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **ftm_type/reason_code**

facets

minLength	3
maxLength	6
enumeration	EVENT
enumeration	WORK
enumeration	DREDGE
enumeration	EXERC
enumeration	HIGWAT
enumeration	HIWAI
enumeration	HIWAII
enumeration	LOWWAT
enumeration	SHALLO
enumeration	CALAMI
enumeration	LAUNCH
enumeration	DECLEV
enumeration	FLOMEA

enumeration BLDWRK
enumeration REPAIR
enumeration INSPEC
enumeration FIRWRK
enumeration LIMITA
enumeration CHGFWY
enumeration CONSTR
enumeration DIVING
enumeration SPECTR
enumeration EXT
enumeration MIN
enumeration SOUND
enumeration OTHER
enumeration INFSER
enumeration STRIKE
enumeration FLOMAT
enumeration EXPLOS

source

```
<xs:simpleType name="reason_code_enum">
 <xs:restriction base="xs:string">
  <xs:minLength value="3"/>
  <xs:maxLength value="6"/>
  <xs:enumeration value="EVENT"/>
  <xs:enumeration value="WORK"/>
  <xs:enumeration value="DREDGE"/>
  <xs:enumeration value="EXERC"/>
  <xs:enumeration value="HIGWAT"/>
  <xs:enumeration value="HIWAI"/>
  <xs:enumeration value="HIWAII"/>
  <xs:enumeration value="LOWWAT"/>
  <xs:enumeration value="SHALLO"/>
  <xs:enumeration value="CALAMI"/>
  <xs:enumeration value="LAUNCH"/>
  <xs:enumeration value="DECLEV"/>
  <xs:enumeration value="FLOMEA"/>
  <xs:enumeration value="BLDWRK"/>
  <xs:enumeration value="REPAIR"/>
  <xs:enumeration value="INSPEC"/>
  <xs:enumeration value="FIRWRK"/>
  <xs:enumeration value="LIMITA"/>
  <xs:enumeration value="CHGFWY"/>
  <xs:enumeration value="CONSTR"/>
  <xs:enumeration value="DIVING"/>
  <xs:enumeration value="SPECTR"/>
  <xs:enumeration value="EXT"/>
  <xs:enumeration value="MIN"/>
  <xs:enumeration value="SOUND"/>
  <xs:enumeration value="OTHER"/>
  <xs:enumeration value="INFSER"/>
  <xs:enumeration value="STRIKE"/>
  <xs:enumeration value="FLOMAT"/>
  <xs:enumeration value="EXPLOS"/>
 </xs:restriction>
</xs:simpleType>
```

simpleType **reference_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by elements **wrm_type/reference_code** **limitation_type/reference_code**

facets

maxLength	4
enumeration	NAP
enumeration	KP
enumeration	FZP
enumeration	ADR
enumeration	TAW
enumeration	PUL
enumeration	NGM
enumeration	ETRS
enumeration	POT
enumeration	LDC
enumeration	HDC
enumeration	ZPG
enumeration	GLW
enumeration	HSW
enumeration	LNW
enumeration	HNW
enumeration	IGN
enumeration	WGS
enumeration	RN

source

```
<xs:simpleType name="reference_code_enum">
  <xs:restriction base="xs:string">
    <xs:maxLength value="4"/>
    <xs:enumeration value="NAP"/>
    <xs:enumeration value="KP"/>
    <xs:enumeration value="FZP"/>
    <xs:enumeration value="ADR"/>
    <xs:enumeration value="TAW"/>
    <xs:enumeration value="PUL"/>
    <xs:enumeration value="NGM"/>
    <xs:enumeration value="ETRS"/>
    <xs:enumeration value="POT"/>
    <xs:enumeration value="LDC"/>
    <xs:enumeration value="HDC"/>
    <xs:enumeration value="ZPG"/>
    <xs:enumeration value="GLW"/>
    <xs:enumeration value="HSW"/>
    <xs:enumeration value="LNW"/>
    <xs:enumeration value="HNW"/>
    <xs:enumeration value="IGN"/>
    <xs:enumeration value="WGS"/>
    <xs:enumeration value="RN"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **regime_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **measure_type/regime_code**

facets

maxLength	2
enumeration	NO
enumeration	HI
enumeration	II
enumeration	I
enumeration	NN
enumeration	LO

source

```
<xs:simpleType name="regime_code_enum">
  <xs:restriction base="xs:string">
    <xs:maxLength value="2"/>
    <xs:enumeration value="NO"/>
    <xs:enumeration value="HI"/>
    <xs:enumeration value="II"/>
    <xs:enumeration value="I"/>
    <xs:enumeration value="NN"/>
    <xs:enumeration value="LO"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **reporting_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **communication_type/reporting_code**

facets

maxLength	3
enumeration	INF
enumeration	ADD
enumeration	REG

source

```
<xs:simpleType name="reporting_code_enum">
  <xs:restriction base="xs:string">
    <xs:maxLength value="3"/>
    <xs:enumeration value="INF"/>
    <xs:enumeration value="ADD"/>
    <xs:enumeration value="REG"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **subject_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **ftm_type/subject_code**

facets

minLength	3
maxLength	6
enumeration	OBSTRU
enumeration	PAROBS
enumeration	DELAY
enumeration	VESLEN
enumeration	VESHEI
enumeration	VESBRE
enumeration	VESDRA
enumeration	AVALEN
enumeration	CLEHEI
enumeration	CLEWID
enumeration	AVADEP
enumeration	NOMOOR
enumeration	SERVIC
enumeration	NOSERV
enumeration	SPEED
enumeration	WAVWAS
enumeration	PASSIN
enumeration	ANCHOR
enumeration	OVRTAK
enumeration	MINPWR

enumeration DREDGE
enumeration WORK
enumeration EVENT
enumeration CHGMAR
enumeration CHGSER
enumeration SPCMAR
enumeration EXERC
enumeration LEADEP
enumeration LEVDEC
enumeration LEVRIS
enumeration ANNOUN
enumeration LIMITA
enumeration CANCEL
enumeration MISECH
enumeration ECDISU
enumeration NEWOBJ
enumeration WARNIN
enumeration CHWWY
enumeration CONWWY
enumeration DIVER
enumeration SPECTR
enumeration LOCRUL
enumeration VHFCOV
enumeration HIGVOL
enumeration TURNIN
enumeration CONBRE
enumeration CONLEN
enumeration REMOBJ

source

```
<xs:simpleType name="subject_code_enum">
 <xs:restriction base="xs:string">
  <xs:minLength value="3"/>
  <xs:maxLength value="6"/>
  <xs:enumeration value="OBSTRU"/>
  <xs:enumeration value="PAROBS"/>
  <xs:enumeration value="DELAY"/>
  <xs:enumeration value="VESLEN"/>
  <xs:enumeration value="VESHEI"/>
  <xs:enumeration value="VESBRE"/>
  <xs:enumeration value="VESDRA"/>
  <xs:enumeration value="AVALEN"/>
  <xs:enumeration value="CLEHEI"/>
  <xs:enumeration value="CLEWID"/>
  <xs:enumeration value="AVADEP"/>
  <xs:enumeration value="NOMOOR"/>
  <xs:enumeration value="SERVIC"/>
  <xs:enumeration value="NOSERV"/>
  <xs:enumeration value="SPEED"/>
  <xs:enumeration value="WAVWAS"/>
  <xs:enumeration value="PASSIN"/>
  <xs:enumeration value="ANCHOR"/>
  <xs:enumeration value="OVRTAK"/>
  <xs:enumeration value="MINPWR"/>
  <xs:enumeration value="DREDGE"/>
  <xs:enumeration value="WORK"/>
  <xs:enumeration value="EVENT"/>
  <xs:enumeration value="CHGMAR"/>
  <xs:enumeration value="CHGSER"/>
  <xs:enumeration value="SPCMAR"/>
  <xs:enumeration value="EXERC"/>
  <xs:enumeration value="LEADEP"/>
  <xs:enumeration value="LEVDEC"/>
```

```
    <xs:enumeration value="LEVRIS"/>
    <xs:enumeration value="ANNOUN"/>
    <xs:enumeration value="LIMITA"/>
    <xs:enumeration value="CANCEL"/>
    <xs:enumeration value="MISECH"/>
    <xs:enumeration value="ECDISU"/>
    <xs:enumeration value="NEWOBJ"/>
    <xs:enumeration value="WARNIN"/>
    <xs:enumeration value="CHWWY"/>
    <xs:enumeration value="CONWWY"/>
    <xs:enumeration value="DIVER"/>
    <xs:enumeration value="SPECTR"/>
    <xs:enumeration value="LOCRUL"/>
    <xs:enumeration value="VHFCOV"/>
    <xs:enumeration value="HIGVOL"/>
    <xs:enumeration value="TURNIN"/>
    <xs:enumeration value="CONBRE"/>
    <xs:enumeration value="CONLEN"/>
    <xs:enumeration value="REMOBJ"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **target_group_code_enum**

namespace: www.RISexpertgroups.org

type: restriction of **xs:string**

used by: element **target_group_type/target_group_code**

facets:

maxLength	3
enumeration	ALL
enumeration	CDG
enumeration	COM
enumeration	PAX
enumeration	PLE
enumeration	CNV
enumeration	PUS
enumeration	NNU
enumeration	LOA
enumeration	SMA
enumeration	CND

source

```
<xs:simpleType name="target_group_code_enum">
  <xs:restriction base="xs:string">
    <xs:maxLength value="3"/>
    <xs:enumeration value="ALL"/>
    <xs:enumeration value="CDG"/>
    <xs:enumeration value="COM"/>
    <xs:enumeration value="PAX"/>
    <xs:enumeration value="PLE"/>
    <xs:enumeration value="CNV"/>
    <xs:enumeration value="PUS"/>
    <xs:enumeration value="NNU"/>
    <xs:enumeration value="LOA"/>
    <xs:enumeration value="SMA"/>
    <xs:enumeration value="CND"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **type_code_enum**

namespace www.RISexpertgroups.org

type restriction of **xs:string**

used by element **geo_object_type/type_code**

facets

maxLength	3
enumeration	RIV
enumeration	CAN
enumeration	LAK
enumeration	FWY
enumeration	LCK
enumeration	BRI
enumeration	RMP
enumeration	BAR
enumeration	BNK
enumeration	GAU
enumeration	BUO
enumeration	BEA
enumeration	ANC
enumeration	BER
enumeration	MOO
enumeration	TER
enumeration	HAR
enumeration	FDO
enumeration	CAB
enumeration	FER
enumeration	PIP
enumeration	PPO
enumeration	HFA
enumeration	HMO
enumeration	SHY
enumeration	REF
enumeration	MAR
enumeration	LIG
enumeration	SIG
enumeration	TUR
enumeration	CBR
enumeration	TUN
enumeration	BCO
enumeration	REP
enumeration	FLO
enumeration	SLI
enumeration	DUK
enumeration	VTC

source

```
<xs:simpleType name="type_code_enum">
  <xs:restriction base="xs:string">
    <xs:maxLength value="3"/>
    <xs:enumeration value="RIV"/>
    <xs:enumeration value="CAN"/>
    <xs:enumeration value="LAK"/>
    <xs:enumeration value="FWY"/>
    <xs:enumeration value="LCK"/>
    <xs:enumeration value="BRI"/>
    <xs:enumeration value="RMP"/>
    <xs:enumeration value="BAR"/>
    <xs:enumeration value="BNK"/>
    <xs:enumeration value="GAU"/>
    <xs:enumeration value="BUO"/>
    <xs:enumeration value="BEA"/>
    <xs:enumeration value="ANC"/>
    <xs:enumeration value="BER"/>
```

```
      <xs:enumeration value="MOO"/>
      <xs:enumeration value="TER"/>
      <xs:enumeration value="HAR"/>
      <xs:enumeration value="FDO"/>
      <xs:enumeration value="CAB"/>
      <xs:enumeration value="FER"/>
      <xs:enumeration value="PIP"/>
      <xs:enumeration value="PPO"/>
      <xs:enumeration value="HFA"/>
      <xs:enumeration value="HMO"/>
      <xs:enumeration value="SHY"/>
      <xs:enumeration value="REF"/>
      <xs:enumeration value="MAR"/>
      <xs:enumeration value="LIG"/>
      <xs:enumeration value="SIG"/>
      <xs:enumeration value="TUR"/>
      <xs:enumeration value="CBR"/>
      <xs:enumeration value="TUN"/>
      <xs:enumeration value="BCO"/>
      <xs:enumeration value="REP"/>
      <xs:enumeration value="FLO"/>
      <xs:enumeration value="SLI"/>
      <xs:enumeration value="DUK"/>
      <xs:enumeration value="VTC"/>
    </xs:restriction>
  </xs:simpleType>
```