II

(Non-legislative acts)

REGULATIONS

COMMISSION IMPLEMENTING REGULATION (EU) 2018/2032

of 20 November 2018

amending Commission Regulation (EC) No 416/2007 concerning the technical specifications for Notices to Skippers

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2005/44/EC of the European Parliament and of the Council of 7 September 2005 on harmonised river information services (RIS) on inland waterways in the Community ([1]), and in particular Article 5, paragraph 1, point (c), thereof,

Whereas:

(1) Commission Regulation (EC) No 416/2007 ([2]) should be updated, further refined and clarified taking into account the technological progress and experience gained from the application of Regulation (EC) No 416/2007.

(2) The technical specifications for Notices to Skippers should be based on the technical principles set out in Annex II to Directive 2005/44/EC.

(3) In order to improve safety of navigation, Notices to Skippers should be extended to include a new type of message dedicated to weather-related notices.

(4) The reference tables related to gauges should be eliminated from the Annex to Regulation (EC) No 416/2007, because the reference data contained therein, such as reference values for low and high water level, are dynamic. Such data should be included and maintained in the European Reference Data Management System operated by the Commission.

(5) There is a need to improve the consistency of editing and application development in order to create services with a higher level of interoperability. Therefore, Encoding Guides for editors and application developers should be included in the technical specifications as Appendix A and B to the Annex.

(6) Data exchange between the authorities is recommended according to Regulation (EC) No 416/2007. In order to improve such data exchange, specifications related to the data exchange should be set out in Appendix D to the Annex in order to allow Member States make their systems interoperable.

(7) In order to ensure that Member States are able to encode Notices to Skippers messages in a consistent and interoperable manner, the Reference tables included in Appendix E should be improved. For this purpose, new codes should be defined in a new Reference table containing harmonised search interface labels for the graphical user interface. Moreover, new tags, values and codes should be added to existing Reference tables and redundant items should be removed.

([1]) OJ L 255, 30.9.2005, p. 152.

([2]) Commission Regulation (EU) No 416/2007 of 22 March 2007 concerning the technical specifications for Notices to Skippers as referred to in Article 5 of Directive 2005/44/EC of the European Parliament and of the Council on harmonised river information services (RIS) on inland waterways in the Community (OJ L 105, 23.4.2007 p 88).

(8) The revised technical specifications should ensure that the reference tables in Appendix E are also available electronically in the European Reference Data Management System operated by the European Commission.

(9) In accordance with Article 12(2) of Directive 2005/44/EC, in order to comply with Article 4 of this Directive, Member States should take the necessary measures to implement the requirements laid down in this Regulation not later than 30 months after its entry into force.

(10) Regulation (EC) No 416/2007 should therefore be amended accordingly.

(11) The measures provided for in this Regulation are in accordance with the opinion of the Committee referred to in Article 11 of Directive 2005/44/EC,

HAS ADOPTED THIS REGULATION:

Article 1

The Annex to Commission Regulation (EC) No 416/2007 is replaced by the text of the Annex to this Regulation.

Article 2

This Regulation shall enter into force on the day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 20 November 2018.

For the Commission

The President

Jean-Claude JUNCKER

ANNEX

TABLE OF CONTENTS

1. GENERAL PROVISIONS

1.1. Definitions

Fairway Information Services (FIS) mean geographical, hydrological and administrative information regarding the waterway (fairway) that are used by boatmasters and fleet managers to plan, execute and monitor a voyage. The terms 'boatmaster' and 'skipper' used in the present standard shall be deemed to be equivalent with the term 'ship master' used in the River Information Services (RIS) Guidelines (Commission Regulation (EC) No 414/2007 ([1])), while the term 'fleet managers' is defined in Commission Regulation (EC) No 415/2007 ([2]).

FIS provide dynamic information (such as water levels, water level predictions) as well as static information (such as 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 include visual aids to navigation, notices to skippers published on paper, provided by broadcast and by fixed telephone on locks. The mobile phone has added new possibilities of voice and data communication, but cellular network 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, such as the Inland Electronic Chart Display and Information System (Inland ECDIS) with Electronic Navigational Chart (ENC).

1.2. Primary functions and performance requirements for Notices to Skippers (NtS)

This technical specification for NtS provides rules for the data transmission of fairway information via Internet.

NtS shall:

(a) provide information related to fairway conditions, traffic, weather, water levels and ice for Fairway Information Services;

(b) provide automatic translation of the most important content of notices, using standard vocabulary based on code lists (the NtS Reference Tables as provided in Appendix E);

(c) be provided in a standardised structure of data-sets to facilitate the integration of notices in voyage planning systems;

(d) be compatible with the data-structure of the RIS Index and Inland ECDIS to facilitate integration of NtS into Inland ECDIS as stipulated by Directive 2005/44/EC of 7 September 2005 on harmonised RIS on inland waterways in the Community.

The technical specifications for NtS facilitate the data-exchange among NtS systems of different countries and towards other applications making use of NtS data, including Inland ECDIS.

Some information contained within NtS messages can be standardised, some cannot.

The standardised part shall cover all the information which is:

(a) 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);

(b) needed for voyage planning including closure of locks and reduction of vertical clearance.

Additional information that is not relevant for safety or voyage planning, including the cause of the closure of a lock, may be given as free text, without automatic translation. The use of free text shall be restricted to a minimum.

([1]) Commission Regulation (EC) No 414/2007 of 13 March 2007 concerning the technical guidelines for the planning, implementation and operational use of river information services (RIS) referred to in Article 5 of Directive 2005/44/EC of the European Parliament and of the Council on harmonised river information services (RIS) on inland waterways in the Community (OJ L 105, 23.4.2007, p. 1).

([2]) Commission Regulation (EC) No 415/2007 of 13 March 2007 concerning the technical specifications for vessel tracking and tracing systems referred to in Article 5 of Directive 2005/44/EC of the European Parliament and of the Council on harmonised river information services (RIS) on inland waterways in the Community (OJ L 105, 23.4.2007, p. 35).

2. PROVISION OF NOTICES TO SKIPPERS

Member States shall ensure that NtS messages are accessible online and via standardised NtS web service, in accordance with the technical specifications described in this Annex and its Appendices. The standardised NtS web service specification is included in Appendix D in the form of a 'Web Service Description Language' (WSDL).

The standardised NtS web services shall provide the user with the possibility to select messages on the grounds of at least one of the following criteria:

(c) a specific waterway section;

(d) a specific part of a waterway, defined by the river-km of the starting and the end point;

(e) time of validity of the notice (start date and end date of validity period);

(f) date of publication of the notice (date and time of publication).

NtS messages that comply with the standards referred to in this Annex can be provided, among other tools, by:

(a) mobile applications (apps);

(b) E-mail services.

Data exchange among the NtS systems operated in different countries may be carried out. All systems using the standards described in the Annex of this Regulation may integrate NtS of other systems in their own services, provided the content of the message is not modified. Users shall be informed in case the connection to a source of integrated NtS is interrupted or not available.

3. NTS MESSAGE TYPES

NtS messages are essential messages that are standardised to the highest part possible.

There are four NtS message types, namely:

(a) fairway and traffic related message;

(b) water related message;

(c) ice related message;

(d) weather related message.

4. STRUCTURE OF NTS AND ENCODING OF NTS MESSAGES

This chapter describes the structure and encoding of standardised electronic NtS messages.

An NtS message is a structured message using standardised elements, wherever possible. The use of free text in the data elements shall be restricted to a minimum.

The standardised NtS extended markup language (XML) schema definition, referred to as XSD in this standard, contains the standardised code values and possible formats is included in Appendix C.

The standardised code values and the XML tags, their meaning and translation are provided in the NtS Reference Tables in Appendix E and are also available electronically in the European Reference Data Management System (ERDMS) operated by the European Commission.

4.1. **General structure**

An NtS message consists of the following sections:

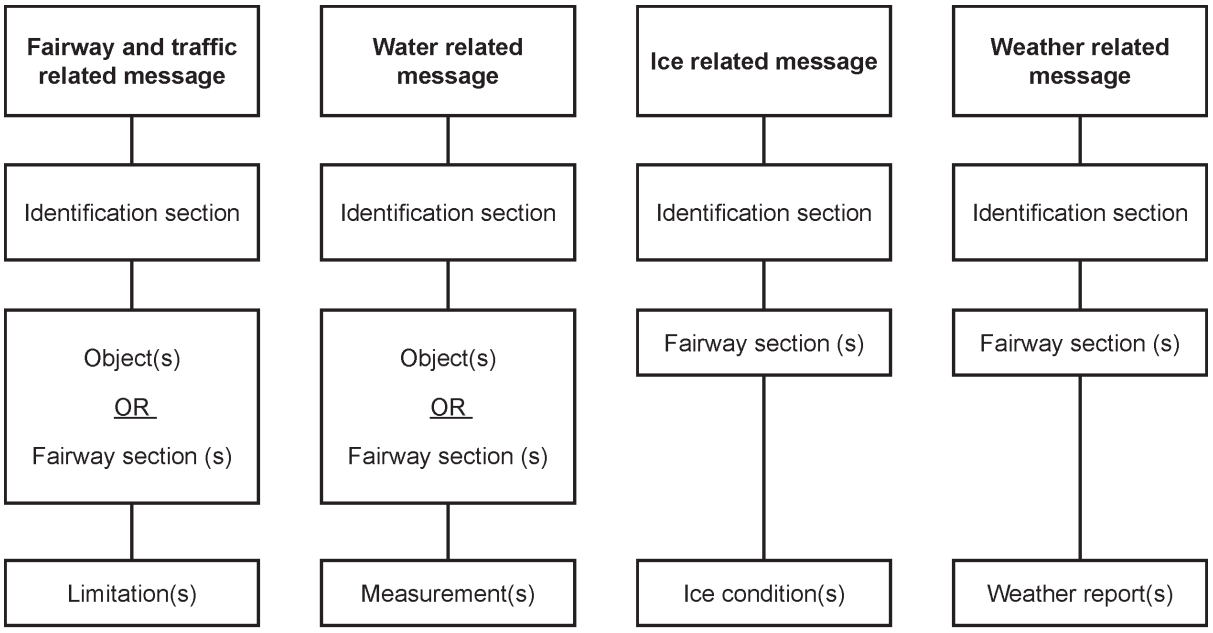
(a) identification section;

(b) section defining the applicable object(s) or fairway section(s) the message is related to;

(c) limitation(s) for a fairway and traffic related message, measurement(s) for a water related message, ice condition (s) for an ice related message or weather report(s) for a weather related message.

Figure 1

Notice to Skippers message structure



4.1.1. *Identification section*

Each message must contain an identification section. The identification section contains general information about the issuer and date of publication of the message.

4.1.2. *Fairway and traffic related message*

The fairway and traffic related message contains information for fairway section(s) or object(s), and it is used to indicate limitation(s) for the following purposes:

(a) **'Warning'**: relevant for safety. The warning must contain at least one limitation that results in direct and concrete endangerment of persons, crafts or facilities, such as welding works on a bridge producing sparks, inspection cage/workers hanging from a bridge, obstacle in the fairway,

(b) **'Announcement'**: relevant for voyage planning or safety. The announcement may contain limitations, such as blockage of a lock chamber due to maintenance works, dredging on the fairway,

(c) **'Info service'**: general information that is not directly linked to voyage planning or safety. The info service must not contain specific limitations, therefore it is not directly relevant to voyage planning or safety. Such information might include general information such as local rules of traffic, Inland ECDIS Update.

4.1.3. *Water related message*

The water related section contains values or predictions for:

(a) water level;

(b) least sounded depth;

(c) vertical clearance;

(d) barrage status;

(e) discharge;

(f) regime.

Usually, water related information is created and published automatically based on data received from sensor equipment (such as tide gauge), systems (such as water level model) or infrastructure (such as barrage status). There may be different triggers for publication, such as periodical publication or reaching certain value.

4.1.4. *Ice related message*

The ice related message contains information about the actual or predicted ice conditions for fairway section(s). Ice related information is usually generated by competent personnel based on local observation and professional assessment.

4.1.5. *Weather related message*

The weather related message contains information about (dangerous) weather conditions for inland navigation.

In order to facilitate the distribution of hydro-meteo information from hydro-meteo networks to skippers, weather related messages may be published.

4.2. **Explanation of XML tags and code values in the NtS Reference Tables**

The meaning of the different elements used in the NtS XML schema definition (XSD) is described in the NtS Reference Tables provided in Appendix E. The structure, format and possible values of all XML elements are described in the NtS XSD in Appendix C.

(a) Latitude and longitude coordinates are encoded according to the World Geodetic System 1984 and are presented in degrees and minutes with at least three, but preferable four decimals ([d]d mm.mmm[m] N, [d][d]d mm.mmm [m] E).

(b) Decimals in numeric fields are indicated with a decimal point ('.'). No separators for thousand are used.

(c) NtS messages shall only use the following units for the values included in the XML message: cm, m3/s, h, km/h and kW, m/s (wind), mm/h (rain) and degree Celsius. National applications may convert the units for user-friendly display.

4.3. **Identification of fairway sections and objects in NtS messages**

To fulfil the minimum data requirements for provision of information about objects relevant for Inland navigation as referred to in Article 4(3)(a) of Directive 2005/44/EC, the ISRS Location Code has to be used in the object section. The ISRS Location Code is used to uniquely identify objects and fairway sections and to ensure interoperable RIS Systems and Services (such as to combine information about infrastructure from the RIS Index, Inland ECDIS and NtS for voyage planning).

The ISRS Location Code is a 20-digit alphanumerical code used to establish a unique and standardized relation between objects in River Information Services. It consists of the following mandatory data elements, arranged in four information blocks:

(a) Block 1: UN/LOCODE (5 letters, alphanumerical), comprising

— Country code (2 digits, alphanumerical) ([1]), and

— Location code (3 digits, alphanumerical, 'XXX' if not available)

(b) Block 2: Fairway section code (5 digits, alphanumerical, to be determined by the national authority)

(c) Block 3: Object Reference Code (5 digits, alphanumerical, 'XXXXX' if not available)

(d) Block 4: Fairway section hectometre (5 digits, numerical, hectometre at the centre of the area or '00000' if not available).

The ISRS Location Codes and the reference data of objects are maintained by the Member States in the RIS Index and submitted to the ERDMS operated by the European Commission according to the Maintenance procedures for the RIS Index published on the ERDMS website.

([1]) The UN country codes are defined in accordance with point 2.4.2.12 of the Annex to Commission Regulation (EU) No 164/2010 (OJ L 57, 6.3.2010, p. 1). The UN country codes are identical to the ISO 3166-1 Alpha-2 country codes.

4.4. **Rules for encoding of NtS messages**

NtS messages shall be encoded in line with the NtS Encoding Guide for editors (Appendix A) and in line with the NtS Encoding Guide for application developers (Appendix B).

A. NOTICES TO SKIPPERS ENCODING GUIDE FOR EDITORS

CONTENTS

Abbreviations:

Abbreviation	Meaning
CEVNI	European Code for Inland Waterways (http://www.unece.org/trans/main/sc3/sc3res.html)
ENC	Electronic Navigational Chart
FTM	Fairway and Traffic related Message
ICEM	ICE Message
Inland ECDIS	Inland Electronic Chart Display and Information System
ISRS Location Code	'International Ship Reporting Standard' Location Code
NtS	Notices to Skippers
RIS	River Information Services
VHF	maritime mobile band
WERM	Weather Related Message
WRM	Water Related Message
WSDL	Web Services Description Language
XML	Extended Markup Language
XSD	XML Schema Definition

1. **Background, structure and purpose of NtS Encoding Guides**

The NtS Standard is continuously being improved. A major step forward was the release of the NtS web service facilitating exchange of NtS messages between authorities as well as between authorities and NtS users.

Two documents have been developed to facilitate the harmonised encoding of NtS messages nationally and internationally: the NtS Encoding Guide for editors and the NtS Encoding Guide for application developers. These Guides apply to NtS XSD 4.0 and the NtS Web Service WSDL 2.0.4.0.

Considering increased use of the NtS web service, NtS messages shall be further harmonised to ensure proper display of content on third party systems. Uniform encoding of messages is also a prerequisite for consideration of messages in voyage planning applications.

Elements that would contain only standard or default values shall be omitted if they are conditional, because they lead to message overhead with no added value.

The NtS Encoding Guide for editors is intended for those editing (and publishing) of NtS messages, including step-by-step instructions to create the proper message types as well as an explanation of codes. The NtS Encoding Guide explains the applicability of the four NtS message types, provides filling instructions as well as codes to be used in certain events. The NtS Encoding Guide for editors is included in the present Appendix A.

The NtS Encoding Guide for application developers includes guidelines for NtS application development and implementation, explaining its logic, processes and auto/default values. The NtS Encoding Guide for application developers is included in Appendix B of the Annex to this Regulation.

2. **Selection of the NtS message type**

— FTM: Choose this type if you want to create a 'Fairway and traffic related message' for waterways or objects on the waterway. [go to chapter 3]

— WRM: Choose this type if you want to create a 'Water related message', which enables provision of information on current and predicted water levels as well as other information. The water related message contains information for an object or a fairway section. The object is identified by its ISRS Location Code, the fairway section is defined by its begin- and end-ISRS Location Codes.

— ICEM: Choose this type if you want to create an 'Ice related message'. The Ice message section contains information about the ice conditions for a fairway stretch defined by its begin- and end-ISRS Location Codes.

— WERM: Choose this type if you want to create a 'Weather related message', which enables provision of information on current as well as forecasted weather situations on a waterway stretch defined by its begin- and end-ISRS Location Codes.

3. **FTM basic considerations, steps towards publication of an FTM**

Detailed information which codes have to be used is given in chapter 4. The considerations beginning from 3.3 are not necessarily in the input order of an FTM editor tool.

3.1. Is there a need to publish information via NtS FTM according to NtS Standard? All relevant information concerning safety and voyage planning has to be published via NtS messages. Information that is not relevant in terms of safety and voyage planning may be published. Each topic/incident/event has to be published in a separate message.

3.2. Does a valid FTM already exist related to the current situation (related to the content as well as to the time of validity)?

3.2.1. Yes:

The already existing FTM has to be updated. The respective published message has to be selected and updated in the FTM editor tool. An expired FTM cannot be updated any more.

3.2.2. No:

A new FTM has to be compiled. In case a similar event is already coded in an existing FTM the respective FTM can be used as draft for the creation of a new FTM (if this function is available), or a template may be used (if this function is available).

3.3. The geographical range of validity is to be set

3.3.1. In case the FTM is related to a specific stretch of a waterway, the waterway stretch has to be included, defined by its begin- and end points. If the content applies to several sections of the same waterway or different waterways they can all be listed in one FTM.

3.3.2. In case the FTM is related to a specific object (e.g. bridge, lock etc.) on the waterway the respective object is to be selected out of the list of available objects (if selection is available). There is no need to define a waterway stretch within the message. In case an FTM applies to several objects they can all be included in one FTM.

3.3.3. Combination of object- and fairway-related information is possible within one message as long as the information relates to one specific cause/event (same subject and reason code).

3.3.4. Although the coordinates are conditional they shall be provided to support the display on maps (often these coordinates are automatically provided by the NtS application).

3.4. Content of the FTM is to be entered

All information that can be expressed using the NtS Reference Tables has to be coded in the standardised message fields. Only additional information (which is not encodable otherwise) shall be stated in free text fields.

3.5. The target group(s) concerning the type of vessels and affected directions is/are to be entered if applicable.

3.5.1. In case the message is valid for all crafts (all types of vessels) in all directions the target group shall be left out in order to only code essential information. If the message/limitation is addressed to a specific target group or direction the respective codes are to be selected.

3.5.2. In case the whole message is valid for specific target groups, the target group information is to be provided in the general part of the FTM (and not repeated in the limitation section(s)).

3.5.3. In case there are different target groups applicable to different limitations the target group information is to be provided within the respective limitations (and not repeated in the general part).

3.5.4. In case exemptions from limitations are granted to individual vessels or local traffic by the competent authorities (e. g. vessels participating in an event for which a general blockage is applicable, local ferry traffic in blocked areas) such exemptions need not be taken into account for coding of the target group(s). Such information may be stated in the free text field for additional information.

3.6. The communication section is to be entered if applicable

If additional information is available via a specific source it should be stated in this section. If there is an additional obligation to report via a specific medium it is to be stated in this section.

3.7. The limitation section is to be entered if applicable

If limitations are applicable the limitation section is to be filled. If values bound to limitations are known they have to be stated. It is mandatory to provide values for ship dimensions, the speed limit and the available space for navigation.

All limitations have to include the limitation periods in order to allow proper calculations within voyage planning applications (to ease the work there might be a function provided by the NtS application to copy limitation periods or to select more than one limitation for a limitation period).

3.8. The start date of the validity of the message is to be set

In case the end date of the validity of a message is already known it shall be set as well. The validity end date must not be before the present date.

Note that the validity period information will be used by applications to select the messages, which are to be displayed to users for a requested time.

In case the message is withdrawn:

(a) before its validity period has begun the start date and end date have to be set to the date of withdrawal;

(b) and the validity period has already started, the new end dates for all limitations are to be set to the past, the validity date end has to be set to the date of withdrawal.

3.9. The message can be published

4. **FTM explanation of codes**

4.1. Subject_code:

Definition of use of Subject Codes:

— "**Warning'**: relevant for safety. The warning must contain at least one limitation that results in direct and concrete endangerment of persons, crafts or facilities, e.g. welding works on a bridge producing sparks, inspection cage/workers hanging from a bridge, obstacle in the fairway,

— '**Announcement'**: relevant for voyage planning or safety. The announcement may contain limitations, e.g. blockage of a lock chamber due to maintenance works, dredging on the fairway, rules of traffic in addition to national legislation,

— **'Info service'**: general information that is not directly linked to voyage planning or safety. The info service must not contain specific limitations, therefore it is not directly relevant to voyage planning or safety. Such information might include e.g. local rules of traffic, Inland ECDIS Update. The validity period is used to specify the time the Info service Message is displayed to the users, not for the period of validity of the provided information (e.g. 1 month or as defined in the national procedures).

— **'Notice withdrawn'**

The subject code 'Notice withdrawn' is only used if

— present date is before the start date of validity. In this case only the content of the field 'additional information in national language' may be altered, the further content of the message has to stay unchanged. In this case 'Notice withdrawn' is used to pull back a notice before it gets valid. This means that 'Notice withdrawn' is used for notices that did not reach the start date of the validity and/or for planned measures that will not be carried out (e.g. dredging was planned but cannot be started due to high water level),

— the validity period has already started and the new end dates for all limitations are set to the past. The validity date end has to be set to the date of withdrawal.

In this case measures/events end before the initially set validity period of an already existing FTM has finished.

4.2. Reason_code

The Reason code should be filled to give additional information to the skippers.

Definition of use of Reason codes:

building work	Announcement of construction works
calamity	Warning of a calamity
changes of the fairway	Announcement of changes of the fairway
change marks	Announcement of changes of waterway marks
constriction of fairway	Announcement of a reduced width of the fairway if no other reason_code is applicable

damaged marks/signs	Announcement about damaged marks/signs
diver under the water	Warning about diver under water
dredging	Announcement of dredging works
event	Announcement of events e.g. swimming-, sailing- or rowing competition
exercises	Announcement of exercises e.g. rescue- or military exercises
explosives clearing operation	Announcement of explosives clearing operation
extensive sluicing	Announcement of higher discharge rate as usual through weirs or locks for water management reasons
falling material	Announcement of falling material e.g. icicles, limbs of trees
false radar echos	Announcement of the possibility of false radar echoes
fireworks	Announcement of fireworks
floating material	Announcement regarding floating materials above the water level (visible) and below the water level (invisible)
flow measurement	Announcement of measurement works
health risk	Warning or announcement regarding e.g. through oak processionary caterpillar, leaking gas, etc.
high voltage cable	Announcement of an intersecting high voltage cable
high water	Announcement of a high water situation before the prohibitory water level is reached
ice	Announcement of ice; further information will be sent out via ice-information (Ice-related Message)
Inland ECDIS update	Info service regarding an Inland ECDIS update
inspection	Announcement of inspection works; only used in case of inspection; not used for (repair/building) works. There may be limitations because of inspection cars/cages or scaffolds
launching	Announcement of a vessel leaving a dockyard
local rules of traffic	Info service regarding supplementary or changed rules of valid law or regulation without special limitations, dates of limitations or dates of validity

low water	Announcement of low water situation before the prohibitory water level is reached
lowering water level	Announcement of a controlled lowering of the water level for inspections or works or water management reasons
minimum sluicing	Announcement of lower discharge rate as usual through weirs or locks for water management reasons
new object	Announcement of information regarding a new available object e.g. bridge, berth
obstacle	Announcement of a reduced clearance height and/or reduced width of the fairway because of an obstacle above water level
obstruction under water	Announcement of a reduced available depth and/or for a reduced width of the fairway because of an obstacle under water
prohibitory water level	Announcement of a water level (high water or low water) which causes prohibited navigation
radio coverage	Announcement regarding radio coverage
removal of object	Announcement of removed objects
repair	Announcement in case something is broken or out of order and must be repaired e.g. a lock control system, it can also be used for planned repairs
rising water level	Announcement of natural rising water levels, not because of water management
siltation	Announcement of a reduced available depth because of siltation
sounding works	Announcement of sounding works
special marks	Announcement of the use of special marks e.g. for the blocking from water areas or fishing areas
special transport	Announcement of special transports
strike	Announcement regarding strike of the operating personnel having impact on availability of waterway infrastructure
water level of cautious navigation	Announcement of a water level (high water or low water) by which particular caution for navigation is needed
work	Announcement of general works at objects, at the banks and/or beds of waterways (rivers- or canals)

limitations	Shall only be used as indication for existing limitations if no other reason code is applicable
others	Shall not be used, in case no other reason code fits, the reason code shall not be filled

4.3. Limitation_code:

Definition of use of Limitation codes:

— blockage:

In case no form of navigation is possible:

— through a lock chamber,

— through a bridge opening,

— through a specified point on the fairway,

— on a specified section of the fairway.

— partial obstruction:

All parts of infrastructure (e.g. lock chambers, bridge openings) shall have an own ISRS Location Code. In case such codes are still missing partial obstruction may be used in case limited navigation is possible (e.g. only lock area object available for a lock having two parallel chambers)

— through one or more lock chambers of a lock, leaving at least one open,

— through one or more bridge openings, leaving at least one open.

— no service:

shall be used in case a movable bridge is not operated during a specified period. This period should be within the normal operating hours.

No service of a movable bridge means that passing under the bridge is still possible. Otherwise it is a 'Blockage'. No service of a lock is to be encoded as 'Blockage'.

— changed service:

shall be used in case the normal operating hours of objects (e.g. locks, (moveable) bridges) change, are extended or reduced.

— If there are limitations related to allowed vessel/convoy dimensions (not in direct relation with infrastructure), the limitation is to be encoded with the following text elements:

— vessel draught,

— vessel breadth,

— convoy breadth,

— vessel length,

— convoy length,

— vessel air draught.

If available an absolute value shall be provided.

— If there are limitations related to available size of an object or a waterway section, the following codes are used:

— clearance height,

— available length,

— clearance width,

— available depth.

If available an absolute value shall be provided.

— least depth sounded: shall be used in case depth may cause problems (e.g. due to siltation). A value for the absolute depth (referred to a reference value) or the reduction of depth shall be provided. If available an absolute value shall be provided.

— delay: shall be used in case an obstruction/incident with a limited duration occurs at an object or on a waterway section between a specified start and end date.

The estimated maximum duration of the obstruction/incident should be encoded. Delay shall not be used in cases when one of several lock chambers of a lock is not available.

— If specific manoeuvres or actions are prohibited, the respective limitations are to be encoded. These limitations shall only be encoded if they are not already announced via navigational signs or regulations that are encoded in the official Inland ENC:

— minimum power,

— alternate traffic direction,

— no turning,

— no passing,

— no overtaking,

— no berthing,

— no mooring,

— no anchoring,

— no wash of waves,

— speed limit,

— not allowed to go ashore.

If available an absolute value shall be provided for speed limit and minimum power.

— special caution: In cases the FTM (or a part of an FTM) is related to a fairway/waterway this limitation shall be used to indicate on which position of the fairway/river/canal/lake an incident occurs.

Furthermore it shall be used in cases if it is not possible to describe the limitation in detail but it is helpful or necessary to warn or inform skippers that they have to watch out and pay attention to radio information.

— no limitation: should only be used in case it shall be explicitly stated that there are no limitations in a certain time period.

4.4. Limitation interval_code: Definition of use of interval codes:

— 'continuous': shall be used for limitations that are applicable from a start date/time until an end date/time without interruption (e.g. blockage from 01.01.2016, 00:00 hrs, until 31.03.2016, 23:59 hrs, but also blockage on 17.09.2016 from 08:00 hrs until 18:00 hrs).

— 'daily': shall be used for regularly repeated application of a limitation (e.g. no wash of waves during working hours at a dredging site — 07.04.2016 until 11.04.2016, daily from 06:00 hrs until 18:00 hrs).

— day-time (as it is defined in CEVNI): The term 'day' means the period between sunrise and sunset.

— night-time (as it is defined in CEVNI): The term 'night' means the period between sunset and sunrise.

— Days of the week: If there are intervals related to different days of the week these have to be selected from the following text elements:

  — Monday,

  — Tuesday,

  — Wednesday,

  — Thursday,

  — Friday,

  — Saturday,

  — Sunday,

  — Monday to Friday,

  — Saturday and Sunday.

— 'in case of restricted visibility': shall be used if the limitation is only in force in case of conditions in which visibility is reduced owing to fog, haze, snow, rain or other reasons.

— 'with the exception of': It must not be used; Interrupted intervals have to be given as separate limitation periods within the same limitation. This is due to the fact that voyage planning software is not able to interpret this code correctly as not taking place at the given date or time. Thus it is not possible to calculate proper ETAs.

— 'Monday to Friday except public holidays': is only to be used if public holidays are within the validity period of the limitation. As a service for the users public holiday may be stated in the free text section of the FTM. Voyage planning software will not be able to take national public holidays into account for the calculation of ETAs.

4.5. Indication_code:

The Indication_code is intended to be used for information about specific values with regard to certain limitations (e.g. speed limit, minimum power, available depth). In order to determine certain dimensions a reference to either an external reference system (geographical or hydrological) (e.g. clearance height, available depth, least depth sounded) or relative to known dimensions of artificial structures (e.g. available length, clearance width) is necessary.

4.5.1. If absolute dimensions or references are known they have to be used. Only if it is not possible to refer to an external reference system relative values should be used.

4.5.2. reduced by → this is a relative value

4.5.3. maximum → this is an absolute value

4.5.4. minimum → this is an absolute value

4.5.5. If the dimension indicating a limitation refers to a geographical or hydrological co-ordinate, the respective reference system has to be indicated in the NtS message (e.g. clearance height min. 4 m referred to highest navigable water level; available depth min. 1,7 m referred to regulated low water level)

4.5.6. If the dimension indicating a limitation refers to a dimension of an artificial structure (e.g. bridge, lock), the reference may be given relative to known dimensions (e.g. clearance height reduced by 1,5 m, available length reduced by 27 m).

4.6. Position_code (objects):

Wherever possible the Position_code shall refer to the side of the fairway where the object is located relative to the fairway axis (left/middle/right) or other commonly known information (old/new) or geographic direction (north/south/east/west). The position_code for objects may be prefilled automatically from the RIS Index reference data. The left/right side of the fairway is defined looking downstream direction.

4.7. Position_code (fairways/waterways):

A Position_code for an FTM (or a part of an FTM) that is related to a fairway or waterway is not provided. To indicate on which side of the fairway/canal/river/lake an incident occurs the limitation 'special caution' in combination with the proper limitation Position_code is used.

4.8. Position_code (limitations):

4.8.1. Wherever possible the Position_code shall refer to the side of the fairway or object where the limitation occurs (left/right). The left/right side of the fairway is defined looking downstream direction.

4.8.2. The Position_code shall direct the attention of the skipper to the side of the fairway where e.g. an area of special interest, a danger or an obstacle is located. Therefore a rough indication (e.g. left bank — left — middle — right — right bank) is sufficient. A finer subdivision is not intended.

4.8.3. If necessary, more precise position information should preferably be given by way of maps or sketches (attachment, see chapter 3.6)

4.8.4. For sections where the usual position indication by fairway side (left/right) does not seem appropriate (e.g. harbour basins, certain canal sections without distinct direction of flow) the cardinal points (north/east/south/west) may be used.

4.9. Target_group_code (see chapter 3.5)

4.10. Reporting_code

4.10.1. The Reporting_code shall, as a general rule, only be used in case there is a special need for communication (e.g. additional duty to report to local authority with regard to on-site traffic regulation) or where additional information is available (e.g. VHF contact point like channel name or call-sign for current position of dredger) with direct relevance for the FTM.

4.10.2. A routine reiteration of publicly available communication data (e.g. telephone numbers of local authorities, VHF channels of locks, etc.) shall be avoided if there is no direct cause for such communication with reference to the FTM.

4.10.3. Generally applicable means of communication according to official regulation (e.g. ship-to-ship and ship-to-shore VHF communication as laid down by CEVNI or regional or national rules for navigation) shall, as a general rule, not be repeated by the Reporting_code if there is no direct cause for such communication with reference to the FTM).

4.11. Communication_code

The following format shall be used (examples):

— VHF 'number, call sign': '10, Schifffahrtsaufsicht Wien'

— Phone or Fax number: '+43123456789, Schifffahrtsaufsicht Wien'

— Internet address: 'http://example.com'

— Sound signalling: 'long blast / langer Ton'

— E-mail: 'example@authority.eu'

— EDI mailbox number: '900012345@edi.bics.nl'

— Teletext: 'ARD, 992 — 995'

4.12. Type_code:

A waterway is either a canal, lake or river.

— anchoring area

— bank

— beacon

— berth

— border control

— bridge

— bridge opening

— buoy

— cable overhead

— canal (The term ‘canal’ is used if a message is relating to the whole canal (not just the fairway))

— canal bridge: aqueduct

— culvert

— fairway (The term ‘fairway’ means that part of the waterway that can actually be used by shipping).

— ferry

— floating dock

— flood gate (A flood gate is used to protect an area in high water situations)

— harbour

— harbour facility

— harbour master’s office

— lake (The term ‘lake’ is used if a message is relating to the whole lake (not just the fairway))

— light

— lock basin: individual lock chamber

— lock: whole lock complex

— mooring facility

— notice mark

— pipeline

— pipeline overhead

— ramp

— refuse dump

— reporting point

— reservoir

— river (The term ‘river’ is used if a message is relating to the whole river (not just the fairway))

— ship lift

— shipyard

— signal station

— terminal

— tide gauge

— tunnel

— turning basin

— vessel traffic centre

— weir (A weir is used to control the water level in rivers).

5. **WRM basic considerations**

Water related messages shall, as a general rule, be generated automatically. Where this is not possible the manual generation of WRM shall follow the processes set out for automatically generated WRM (see NtS Encoding Guide for Developers) as closely as possible.

6. **ICEM basic considerations, steps towards publication of an ICEM**

Ice Messages depend on local observation and assessment and will usually be generated by authorised staff.

An ICEM shall be issued in case of ice. Ice does not necessarily cause limitation for navigation however information about ice condition not hindering navigation may be provided.

6.1. Is there a need to publish information via NtS ICEM?

The first ice message for a stretch shall only be published in case of ice at the waterway or tributaries, also in case there are no limitations.

6.2. Does a valid ICEM already exist for the affected stretch of the waterway?

6.2.1. Yes:

If a message for the affected stretch is (still) valid the already existing message shall be updated. It is possible to update existing ice messages even if the area of applicability changes (e.g. ice is expanding increasing the size of affected stretch).

6.2.2. No:

In case there is no valid ice message available for the affected stretch, a new message is to be created.

6.3. However information about ice condition not hindering navigation may be provided.

6.4. One ICEM is always valid for one single stretch of the waterway. The geographical range of validity is to be set by defining the waterway and the respective begin- and end-(hectometre)points (or choosing certain consecutive sections, depending on national implementation).

6.5. Measurement time is to be entered. The respective ice conditions are to be entered by using at least one of the code lists (depending on national requirements).

6.5.1. Ice_condition_code

6.5.2. Ice_accessibility_code

6.5.3. Ice_classification_code

6.5.4. Ice_situation_code (the ice situation code should always be provided to allow presentation of ice situation on a map using ‘traffic light’ colours).

6.6. The ICEM can be published. Ice messages will be valid automatically until the next day after publication or until as defined in national procedures.

7. **WERM basic considerations**

Taking into account the abundance of available Web Services and apps for weather forecasts and weather warnings WERM should only be used for weather information of specific importance for navigation which is not covered by general weather information services.

Weather related messages shall, as a general rule, be generated automatically. Where this is not possible the manual generation of WERM shall follow the processes set out for automatically generated WERM as closely as possible (see NtS Encoding Guide for application developers).

8. **Rules for certain elements**

8.1. *Rules for the element 'name' related to objects*

Object names are usually prefilled by the NtS editor tool based on RIS Index reference data. Names shall be entered in local language, thus also e.g. diacritics or Cyrillic letters may be used. (e.g. Baarlerbrücke, Volkeraksluis or Mannswörth).

Do not include information on characteristics of feature, the type of object shall not be repeated in the name unless additional information to the object type is given.

E.g.: The lock 'Schleuse Freudenau' shall only be named 'Freudenau', the object type 'lock' is added automatically based on the type_code.

E:g.: The object name for the Railway bridge in Krems (AT) is 'Eisenbahnbrücke Krems'. The information 'railway bridge' is included in the object name as it adds information in addition to the type_code 'bridge'.

E.g.: The object name for a bridge in Linz (AT) is 'Nibelungenbrücke'. The word 'brücke' stays within the object name as it is part of the bridge name itself.

E.g.: The waterway gauge 'Pegelstelle Wildungsmauer' is named 'Wildungsmauer' as the information that this object is a gauge is already coded in the type_code.

If a waterway section is the borderline between two countries with different languages, the national object name can be provided in both languages (e.g. 'Staatsgrenze AT-SK/Statna hranica AT-SK').

8.2. *Rules for the element 'name' related to fairways*

Fairway names are usually prefilled by the NtS editor tool based on RIS Index reference data. The field 'name' shall contain the local name of the respective fairway section (e.g. 'Rhein') Depending on national processes it may be possible to edit the fairway name to include commonly used local names or additions (e.g. 'Rhein am Deutschen Eck').

8.3. *Rules for the elements 'value' and 'unit' within limitations*

Unless stated otherwise only cm, m3/s, h, km/h and kW, m/s (wind), mm/h (rain) and degree Celsius are allowed to be used as units within NtS messages.

B. NOTICES TO SKIPPERS ENCODING GUIDE FOR APPLICATION DEVELOPERS

CONTENTS

1. Background & Structure

Notices to Skippers (NtS) were being implemented in various European countries based on Commission Regulation 416/2007/EC of the European Parliament and of the Council concerning the technical specifications for Notices to Skippers as referred to in Article 5 of RIS directive 2005/44/EC. The NtS standard is in the continuous process of enhancement, a major step forward was the release of the NtS Web Service facilitating exchange of NtS messages between authorities as well as between authorities and NtS users as well as NtS XSD 4.0 streamlining the encoding of NtS messages.

1.1. *Purpose of NtS Encoding Guide*

The NtS Encoding Guide explains the applicability of the four NtS message types as well as codes to be used in case of certain events. It provides NtS editors with NtS message filling instructions, thus allows nationally and internationally harmonised encoding of NtS messages.

Considering increased use of the NtS web service, NtS messages shall be further harmonised to ensure proper display of content on third party systems. Uniform encoding of messages is also a prerequisite for consideration of messages in voyage planning applications. The NtS Encoding Guide version 1.0 applies to NtS XSD 4.0 and the NtS Web Service WSDL 2.0.4.0.

1.1.1. NtS Encoding Guide for editors

The NtS Encoding Guide for editors is intended for personnel editing (and publishing) NtS messages including step-by-step creation instructions for the proper message types as well as explanation of codes. The encoding guide for editors also includes relevant information for application developers.

1.1.2. NtS Encoding Guide for application developers (this document)

The NtS Encoding Guide for developers includes guidelines for NtS application implementation explaining logic, processes and auto/default values.

2. NtS messages and sections

An NtS message consists of the following:

— the identification section,

— section defining the applicable object(s) or fairway section(s) the message is related to,

— one or more of the following sections according to the message type:

  — limitation(s) for the Fairway and traffic related message,

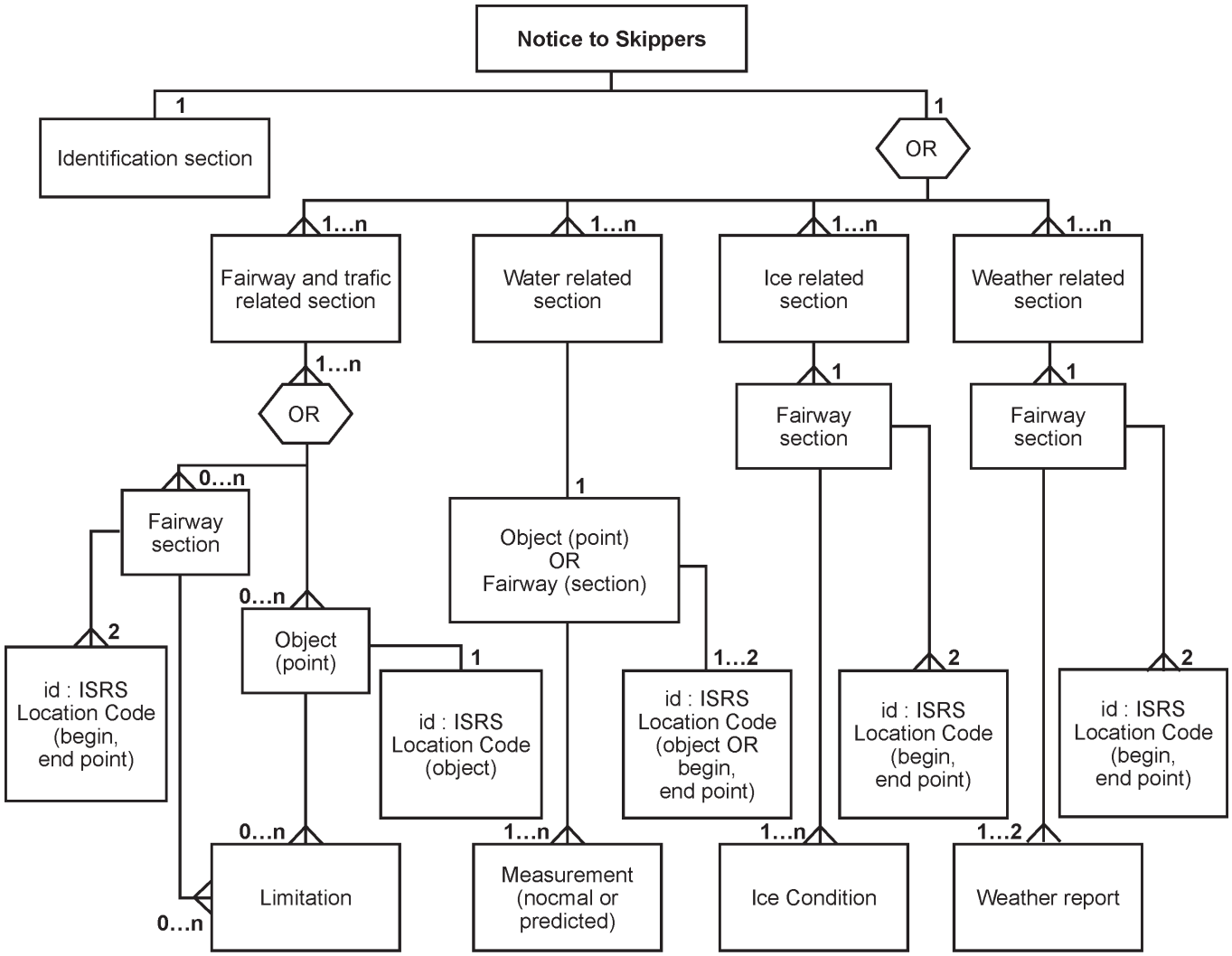
  — measurement(s) for the Water level related message,

  — ice condition(s) for the Ice related message,

  — weather report(s) for the Weather related message.

Figure 2

Visualisation of the NtS message structure: mandatory element (1), mandatory element that may occur one or two times (1…2), mandatory element that has to occur two times (2), mandatory elements that may occur as often as necessary (1-n), optional element that may occur as often as necessary (0…n)



The identification section is mandatory and includes general information about the message originator, sender, date issue, country and original language and is provided together with one of the four different NtS message section types:

— Fairway and traffic related section: a 'Fairway and Traffic related Message' (FTM) is usually created by NtS editors following the NtS Encoding Guide for editors. It is related to stretches of waterways (defined by its begin and end ISRS Location Codes and/or objects on the waterway defined by their respective ISRS Location Code. [go to chapter 6]

— Water level related section: a 'Water Related Message' (WRM) facilitates provision of information on current and predicted water levels as well as other information. Usually WRM are created automatically (and periodically) based on sensor measurements or infrastructure status not requiring NtS editor interaction. The water related message section contains information for an object (e.g. gauge station) or a fairway section (e.g. least sounded depth for a stretch, applicable regime at a waterway section). The object is identified by its ISRS Location Code, the fairway section is defined by its begin- and end-ISRS Location Codes. [go to chapter 3]

— Ice related section: an 'ICE Message' (ICEM) contains information about the ice conditions for a fairway stretch defined by its begin- and end-ISRS Location Codes. [go to chapter 4]

— Weather related section: a 'WEather Related Message' (WERM) enables provision of information on current as well as forecasted weather situations on a waterway stretch defined by its begin- and end-ISRS Location Codes. [go to chapter 5]

In addition, the ISRS Location Code (International Ship Reporting Standard) is used to define the applicable object(s) or fairway section(s) the message is related to.

The ISRS location code is defined in point 4.3 of the Annex to this Regulation.

3. **WRM basic considerations**

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. The values of gauges are referring to different sea-levels or to special reference points. To provide a proper reference, the respective 'reference_code' shall always be provided together with the value. WRM may be used to provide the following information:

— Water level (including predictions),

— Least sounded depth (including predictions),

— Vertical clearance (including predictions),

— Discharge (including predictions),

— Barrage status,

— Regime.

Clarifications for translations in the spreadsheet 'reference_code' are provided in chapter 7.11.

Usually WRM are created and published automatically based on information received from sensor equipment or information received from infrastructure (e.g. predictions, barrage status). There may be different triggers for WRM publication, e.g. periodically or when certain values are reached.

3.1. *Filling of nts_number section in the WRM*

In NtS XSD 4.0 the NtS number is optional within WRM messages. If it is provided every number has to be unique (Organisation/Year/Number/Serial) per message type and it is up to the organisation providing the WRM to ensure unique numbers (it is not required to have consecutive numbers).

3.2. *Filling of WRM including predictions*

The date_start of validity_period has to be filled with present date (date_issue) and the date_end of validity_period has to be filled with the next day after date_issue.

To provide changes in e.g. water level in a user-friendly way the difference to a previous comparative measurement may be provided in the WRM difference section. Besides the change in the value (e.g. - 5 [cm]) also the time difference to the comparative measurement has to be provided.

In case of predictions the 'measure_date' is the date/time the prediction is valid for.

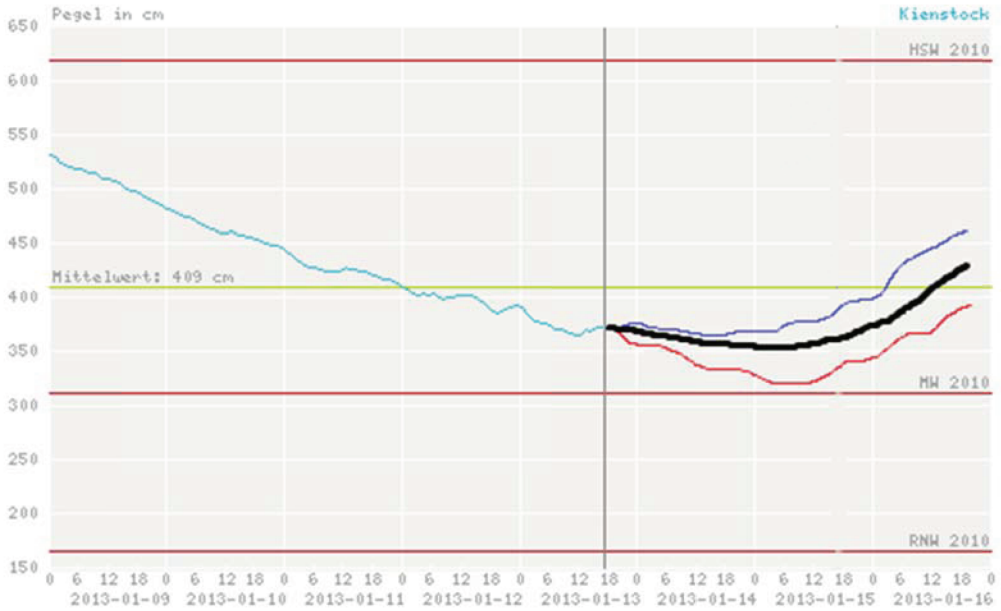
Water level predictions always include a factor of uncertainty. Usually models with different parameters (e.g. weather forecast) are calculated leading to different predicted water level values. To enable provision of a minimum and maximum predicted value e.g. visualisation of a water level prediction confidence interval, two additional optional data fields are included in the WRM 'measure' section.

An illustration of water level prediction confidence interval is given in the following figure:

Figure 3

Visualisation of water level prediction confidence interval: most probable value (black), confidence interval upper boarder (violet), confidence interval lower boarder (red), measured water level (blue)

(The x-axis shows the time; the y-axis shows the water level in cm)



Two elements are available in the NtS XSD:

<value_min> lowest value of confidence interval

<value_max> highest value of confidence interval

Besides predicted water levels the confidence interval may also be used to state the uncertainty of published least sounded depth and vertical clearance information.

The confidence interval value_min and value_max enable provision of WRM value confidence interval via standardised NtS WRM Message to use it in graphs. The raw data itself shall not be displayed to IWT users (e.g. in code format).

The measure_code 'NOM' must not be used. In case there is no measurement for a certain type of WRM the value elements have to be omitted if a message should be sent anyhow.

4. ICEM processes

Ice Messages depend on local observation and assessment and will usually be generated manually (in case of automatic generation the rules for manual creation have to be followed, see NtS Encoding Guide for editors).

The ICEM is published for a certain fairway_section defined by its begin and end ISRS Location Codes and contains the ice_condition at a certain measurement date.

The validity of the ICEM starts at the date of publication (automatically set by the NtS application). In order to avoid ICEM being displayed to users that are not valid any more, the validity date_end has to be filled automatically by the NtS application with the day after publication (unless it is ensured by national processes that messages will get a validity date end as soon as the information included in the message is not up-to-date any more).

In the NtS Encoding Guide for editors it is described under which circumstances an NtS editor creates a new ICEM or updates an existing ICEM. The following processes apply:

4.1. *New ICEM*

(1) NtS applications may offer NtS editors:

(a) to use existing notices as draft upon creation of new ICEM (e.g. if ice conditions are similar to the existing notice); and/or

(b) to use notice templates for certain situations.

(2) The content (e.g. time of measurement or respective ice conditions) has to be entered by the editor in line with chapter 6 of the NtS Encoding Guide for editors. The date and time of measurement could also be set by the application according to national definitions.

(3) When an NtS editor/publishers triggers the publish action:

(a) it is checked if all mandatory content is provided in line with the NtS XSD (if not go back to (2));

(b) the nts_number is generated by the NtS application:

(i) the 'organisation' is filled with the name or code of the responsible organisation depending on the role of the publishing user;

(ii) the 'year' is filled with the current year;

(iii) the next available 'number' is assigned;

(iv) the 'serial number' 0 is assigned;

(c) 'date_issue' is automatically filled with the actual date/time of publish action;

(d) 'validity_period' — 'date_start' is automatically filled with the actual date of publication;

(e) 'validity_period' — 'date_end' is automatically filled with the next day after the date of publication (unless it is ensured by national processes that messages will get a validity date end as soon as the information included in the message is not up-to-date any more).

4.2. *Update of an existing ICEM*

(1) The respective published message has to be selected to be updated in the ICEM editor tool. The original ICEM has to be copied or altered in the DB (depending on national processes). Expired ICEM (which passed the validity_date_end) cannot be updated any more, if this is the case NtS editors have to create a new ICEM.

(2) The content (e.g. time of measurement or respective ice conditions) has to be altered by the editor in line with chapter 6 of the NtS Encoding Guide for editors. The date and time of measurement could also be altered by the application according to national definitions.

(3) When an NtS editor/publisher triggers the publish action:

(a) it is checked if all mandatory content is provided in line with the NtS XSD (if not, go back to (2));

(b) the nts_number is generated by the NtS application:

(i) the 'organisation' stays unchanged;

(ii) the 'year' stays unchanged;

(iii) the 'number' stays unchanged;

(iv) the 'serial number' is incremented (increased by 1);

(c) 'date_issue' is automatically filled with the actual date/time of publish action;

(d) 'validity_period' — 'date_start' is automatically filled with the actual date of publication;

(e) 'validity_period' — 'date_end' is automatically filled with the next day after the date of publication (unless it is ensured by national processes that messages will get a validity date end as soon as the information included in the message is not up-to-date any more).

5. **WERM basic considerations**

Usually WERM are created and published automatically based on information received from sensor equipment or information received from infrastructure. The date_start of validity_period has to be filled with present date (date_issue) and the date_end of validity_period has to be filled with the next day after date_issue.

The fairway section in WERM is indicated as a stretch between two points on the fairway, i.e. area of applicability of the weather station (gauge).

Date and time of measurement/forecast have to be provided even if it is not mandatory in WERM messages.

In case of forecasts the 'measure date' is the date/time the forecast is valid for.

5.1. *Filling of nts_number section in the WERM*

In NtS XSD 4.0 the NtS number is optional within WERM messages. If it is provided every number has to be unique (Organisation/Year/Number/Serial) per message type and it is up to the organisation providing the WERM to ensure unique numbers (it is not required to have consecutive numbers).

5.2. *Filling of WERM 'weather_category_code'*

The wind speed in 'weather_category_code' (values 0 to 12) shall be provided in line with the Beaufort scale published by the World Meteorological Organization in its Manual on Marine Meteorological Services 'WMO-No 558'.

The visibility in 'weather_category_code' (values 13 to 22) shall be provided as defined in the following table:

Value, meaning	Visibility	Additional information
13, thick fog	below 50 metres	
14, dense fog	below 100 metres	
15, moderate fog	below 200 metres	
16, fog	below 1 000 metres	Fog consists of water droplets.
17, mist	from 1 km to 4 km	Mist consists of water droplets. Mist is used in case of 'dry fog', this phenomenon usually takes place before sunrise.
18, haze	from 1 km to 4 km	Haze consists of dry particles.
19, light haze	from 4 km to 10 km	
20, clear	from 10 km to 20 km	
21, very clear	no limitation of visibility	
22, no fog		'no fog' is used to state that there is no fog depending on national/local requirements.

6. **FTM processes**

In the NtS Encoding Guide for editors it is described under which circumstances an NtS editor creates a new FTM or updates an existing FTM. The following processes apply:

6.1. *New FTM*

(1) NtS applications may offer NtS editors to:

(a) use existing notices as draft upon creation of new FTM; and/or

(b) use notice templates for certain situations.

(2) The content (e.g. time of validity, limitations) has to be entered by the editor in line with chapters 3 and 4 of the NtS Encoding Guide for editors.

(3) When an NtS editor/publisher triggers the publish action:

(a) it is checked if all mandatory content is provided in line with the NtS XSD (if not go back to (2));

(b) the nts_number is generated by the NtS application:

(i) the 'organisation' is filled with the name or code of the responsible organisation depending on the role of the publishing user:

(ii) the 'year' is filled with the current year;

(iii) the next available 'number' is assigned, in case a dedicated number was entered by the NtS editor or an application process in step 2 it is taken over (given that (Organisation/Year/Number/Serial) is unique as explained in chapter 15.1;

(iv) the 'serial number' 0 is assigned;

(c) 'date _issue' is automatically filled with the actual date/time of publish action

6.2. *Update/withdrawal of an existing FTM*

(1) The respective published message has to be selected to be updated in the FTM editor tool, the original FTM has to be copied or altered in the DB (depending on national processes).

(a) Expired FTM (which passed the validity_date_end) cannot be updated any more, if this is the case NtS editor has to create a new FTM.

(b) The subject code 'Notice withdrawn' is only used if:

(i) present date is before the validity_date_start. In case only the content of the field 'additional information in national language' may be altered, the coded content of the message (step 2) has to stay unchanged;

(ii) the validity period already started and the new end date for all limitations is in the past. The end date of the limitation has to be set to the correct time.

(c) If a notice is withdrawn the validity period date end always has to be set to date of withdrawal.

(2) The content (e.g. time of validity, limitations) has to be altered by the editor in line with chapters 3 and 4 of the NtS Encoding Guide for editors.

(3) When an NtS editor/publisher triggers the publish action:

(a) it is checked if all mandatory content is provided in line with the NtS XSD (if not go back to (2));

(b) the nts_number is generated by the NtS application:

(i) the 'organisation' stays unchanged;

(ii) the 'year' stays unchanged;

(iii) the ‘number’ stays unchanged;

(iv) the ‘serial number’ is incremented (increased by 1);

(c) ‘date_issue’ is automatically filled with the actual date/time of publish action

(d) FTM with subject code ‘Notice withdrawn’ shall not be considered for voyage planning (any more).

6.3. *Waterway and/or object related FTM*

A waterway related FTM contains information about one or several stretches of waterway. A waterway stretch is defined in the ‘fairway_section’ part by its begin and end ISRS Location Codes.

An object related FTM contains information about one or several specific objects on the waterway. An object is defined in the ‘object’ part by its ISRS Location Code.

One FTM has to refer

— to one or several fairway sections, or

— to one or several objects on one or several fairway sections.

6.4. *Automatic ordering of limitation codes*

Different limitations have different impact on navigation. In order to allow display of the most severe limitation e.g. in an FTM list overview, the following order shall be considered starting with the most severe limitation having Rank 1:

Rank	Value	Meaning (EN)
1	OBSTRU	blockage
2	PAROBS	partial obstruction
3	NOSERV	no service
4	SERVIC	changed service
5	VESDRA	vessel draught
6	VESBRE	vessel breadth
7	CONBRE	convoy breadth
8	VESLEN	vessel length
9	CONLEN	convoy length
10	CLEHEI	clearance height
11	VESHEI	vessel air draught
12	AVALEN	available length
13	CLEWID	clearance width
14	AVADEP	available depth
15	LEADEP	least depth sounded

Rank	Value	Meaning (EN)
16	DELAY	delay
17	ALTER	alternate traffic direction
18	TURNIN	no turning
19	PASSIN	no passing
20	OVRTAK	no overtaking
21	NOBERT	no berthing
22	NOMOOR	no mooring
23	ANCHOR	no anchoring
24	SPEED	speed limit
25	WAVWAS	no wash of waves
26	NOSHORE	not allowed to go ashore
27	MINPWR	minimum power
28	CAUTIO	special caution
29	NOLIM	no limitation

6.5. *Handling of limitation period*

— Limitations with the same limitation periods should be grouped/listed together/combined for display to keep it reader-friendly.

— NtS editor tools should provide a function for editors to avoid re-typing of limitation periods.

— All limitations have to include a limitation period with an interval code in order to allow proper calculations within voyage planning applications. To ease the work of NtS editors the following functions may be implemented:

  — The NtS editor tool may provide a function to copy already entered limitations to avoid re-typing of the limitation period by the NtS editor.

  — The NtS editor tools may provide a function to select more than one limitation code for a specific limitation period and automatically create the required limitation sections based on the information entered by the NtS editor.

— 'Monday to Friday except public holidays': The value 'holidays' is very difficult for voyage planning applications. A list of holidays for each country is needed for proper calculation. If no such list is available the respective limitations will be assigned to the public holidays nevertheless.

— 'with the exception of': must not be used; Interrupted intervals have to be given as separate limitation periods within the same limitation, therefore this code shall not be displayed/available to notice editors.

— Logic and display of information applicable in case of interval code 'continuous':

<date_start>2015-04-01+01</date_start>

<date_end>2015-06-30+02</date_end>

<time_start>06:00:00</time_start>

<time_end>10:00:00</time_end>

<interval_code>CON</interval_code>

If the interval_code is continuous the start_time belongs to the start_date and the end_time belongs to the end_date e.g. from 1 April 06:00 to 30 June 10:00

— Logic and display of information applicable in case of any other interval code than 'continuous':

<date_start>2015-04-01+01</date_start>

<date_end>2015-06-30+02</date_end>

<time_start>06:00:00</time_start>

<time_end>10:00:00</time_end>

<interval_code>WRK</interval_code>

If the interval_code has another value the start_time and end_time belongs to this interval_code e.g. from 1 April to 30 June Monday to Friday from 06:00 to 10:00

— The limitation time end always has to be filled in the last version of a message.

7. **General implementation rules**

The following is to be considered:

— The table 'GUI_labels' provided in the NtS Reference Tables shall be considered when building NtS applications (search masks, e-mail subscription form, display of messages).

— The date_end cannot be before date_start.

— Codes that have been disabled (are not to be used any more) via NtS change requests (see comments in the NtS XSD) shall not be displayed to NtS editors upon creation of new messages. The codes are still included in the NtS XSD enumerations for backwards compatibility.

7.1. *Filling of the 'number_section'*

Every number (Organisation/Year/Number/Serial) has to be unique per message type. That means that messages of different types can have the same NtS Number.

For users the message numbers are only relevant for FTM and ICEM, for all other message types display of the message number can be skipped depending on national requirements.

To users the message number shall be displayed in the following format 'Message Type/Country/Organisation/Year/Number/Serial' (it can be shortened depending on applied filters if no information gets lost).

7.2. *Filling of elements 'from', 'originator', 'organisation' and 'source'*

The element 'from' in the identification section is filled with the name of the national system that provides the message (e.g. ELWIS, DoRIS, SLOVRIS, FLARIS).

The element 'originator' is the organisation which enters the messages into the national systems.

The element 'source' is the authority for which the FTM are published.

The element 'organisation' within the nts_number section is the name of the organisation assigning the nts_number (NtS Provider).

7.3. *Omission of elements*

Elements that would contain only standard or default values shall be omitted if they are conditional, they lead to message overhead with no added value.

Following elements are concerned:

— Target Group: target_group_code ALL with direction_code ALL (if there are no other specific target groups within the message),

— position_code: AL,

— reason_code: OTHER.

7.4. *Automatic filling of date_issue*

FTM and ICEM

For FTM and ICEM the value of date_issue element is the actual date and time of publishing. In case of updated messages date_issue is the date and time when the update was published.

WRM and WERM

For WRM and WERM the value of date_issue element is the date and time of the processing request, because there can be several measurements with different issuing time stamps within one W(E)RM message.

7.5. *Handling of time zone information in NtS messages*

Date and time shall always be provided in local time including time zone information within the NtS XML messages.

The only exceptions from this provision are the 'time_start' and the 'time_end' within the 'limitation_period' section. This is because in the limitation section an interval can be applied. If date start and date end have different time regimes (e.g. CEST and CET) this would result in a change of the time zone information within this interval. This change cannot be expressed via a single limitation period. Instead of creating different limitation periods for each time change only a single limitation period without time zone information is used to reduce overhead in message processing and transmission.

7.6. *Handling of Seconds in NtS messages*

As a general rule seconds have to be provided in (date)/time fields but shall not be displayed to NtS users. Minutes are sufficient for NtS granularity.

7.7. *Format of decimals in NtS messages*

Decimals in numeric fields are indicated with a . (period). No thousand separators are used.

The number of decimals used for values shall be limited to a feasible amount to ensure user-friendly display.

7.8. *Units to be used in NtS messages*

Only cm, m^3/s, h, km/h and kW, m/s (wind), mm/h (rain) and degree Celsius are allowed to be used as units within NtS messages, applications may convert the units for user friendliness.

In case the input units differ from the standardised units the entered values have to be converted by the application accordingly.

7.9. *Rules for the elements 'name', 'position_code' and 'type_code'*

The element 'name' shall be prefilled automatically from the RIS Index reference data 'national object name' (NtS editors might amend the prefilled name if this is a national requirement). Naming conventions for object names are included in the RIS Index Encoding Guide version 2.0 or higher. Examples for proper object names are also given in the NtS Encoding Guide for editors.

The type code is added to the object by the NtS application in front of the object name.

The position of objects is encoded via position code and added to the object by the NtS application out of the RIS Index. Editors may change prefilled type and position codes. An object position code shall not be provided for geo_objects in the fairway_section.

A full object name is composed of its position code, type code and name.

To ease the work of NtS editors the following mapping may be implemented in NtS editor tools supporting editors in finding / selecting the proper objects based on the RIS Index function_code or the NtS type_code:

Table 1

Matching 'RIS Index function_code' — 'NtS type_code'

Function Code	Function Code Meaning	Type Code	Type Code Meaning
—	—		
BUAARE	E.1.1 Built-Up Areas		to be selected by editor
BUISGL	E.1.2 Building of Navigational Significance		to be selected by editor
brgare	G.1.1 - G.1.6 Bridge Area [C_AGGR()]	BRI	bridge
bridge_5	G.1.1 Bascule Bridge	BRO	bridge opening
bridge_1	G.1.2 Bridges with Bridge Arches	BRO	bridge opening
bridge_1	G.1.3 Fixed Bridge	BRO	bridge opening
bridge_4	G.1.4 Lift Bridge	BRO	bridge opening
bridge_12	G.1.5 Suspension Bridge	BRO	bridge opening
bridge_3	G.1.6 Swing Bridge	BRO	bridge opening
cblohd	G.1.8 Overhead Cable	CAB	cable overhead
pipohd	G.1.9 Overhead Pipe	PPO	pipeline overhead
bridge_7	G.1.12 Drawbridge	BRO	bridge opening
bunsta	G.3.2 Bunker / Fuelling Station	BUS	Bunker / Fuelling Station
cranes	G.3.4 Crane		to be selected by editor
hrbare	G.3.9 Harbour Area	HAR	harbour

Function Code	Function Code Meaning	Type Code	Type Code Meaning
hrbbsn	G.3.10 Harbour Basin	HAR	harbour
ponton	G.3.11 Landing Stage, Pontoon		to be selected by editor
morfac	G.3.12 Mooring Facility	MOO	mooring facility
hulkes	G.3.14 Permanently Moored Vessel or Facility		to be selected by editor
prtare	G.3.15 Port Area	HAR	harbour
refdmp	G.3.17 Refuse Dump	REF	refuse dump
termnl	G.3.19 Terminal	TER	terminal
trm01	G.3.19 RORO-terminal	TER	terminal
trm03	G.3.19 Ferry-terminal	TER	terminal
trm07	G.3.19 Tanker-Terminal	TER	terminal
trm08	G.3.19 Passenger Terminal	TER	terminal
trm10	G.3.19 Container Terminal	TER	terminal
trm11	G.3.19 Bulk Terminal	TER	terminal
vehtrf	G.3.20 Vehicle Transfer Location	BER	berth
lokbsn	G.4.3 Lock Basin	LKB	lock basin
lkbspt	G.4.4 Lock Basin Part	LKB	lock basin
lokare	G.4.3 / G.4.4 Lock Area [C_AGGR()]	LCK	lock
excnst	G.4.8 Exceptional Navigational Structure	SLI	ship lift
		TUN	tunnel
		CBR	canal bridge
gatcon	G.4.9 Opening Barrage	BAR	weir
		FLO	flood gate

Function Code	Function Code Meaning	Type Code	Type Code Meaning
wtwgag	I.3.4 Waterway Gauge	GAU	tide gauge
FERYRT_2	L.2.1 Cable Ferry	FER	ferry
FERYRT_1	L.2.2. Free Moving Ferry	FER	ferry
feryrt_4	L.2.3. Swinging Wire Ferry	FER	ferry
dismar	L.3.2 Distance Mark along Waterway Axis	RIV	river
achare	M.1.1 Anchorage Area	ANC	anchoring area
achbrt	M.1.2 Anchorage Berth	BER	berth
berths_3	M.1.3 Berth / Fleeting Areas	BER	berth
berths_1	M.1.4 Transhipment Berth	BER	berth
trnbsn	M.4.5 Turning Basin	TUR	turning basin
		CAN	canal
		FWY	fairway
rdocal	Q.2.1 Radio Calling-In Point (notification point)	REP	reporting point
chkpnt	R.1.1 Check Point	BCO	border control
sistat_8	R.2.1 Traffic Sistat — Bridge Passage	SIG	signal station
sistat_6	R.2.2 Traffic Sistat — Lock	SIG	signal station
sistat_10	R.2.3 Traffic Sistat — Oncoming Traffic Indicator	SIG	signal station
sistat_2	R.2.4 Traffic Sitat — Port Entry and Departure	SIG	signal station
pas	Passage Points		to be selected by editor
riscen	RIS centre	VTC	vessel traffic centre
specon	Special Construction		to be selected by editor
trafp	Traffic Points (first reporting points)	REP	reporting point

Function Code	Function Code Meaning	Type Code	Type Code Meaning
junction	Waterway node / end of waterway / Junction		to be selected by editor
waypt	Waypoint		to be selected by editor

Legend:

green	Direct match (1:1 relation)
yellow	matching example, other TypeCodes possible (1:n relation)
blue	no direct match / to be selected by editor

7.10. *Rules for the element 'fairway_name'*

To avoid application logic / necessity of proper reference data at the receiving system (software displaying the notice to the user) the optional element 'fairway_name' shall always be included in the 'geo_object' and automatically filled by the NtS application with the 'Waterway name' from the RIS Index. NtS editors shall not alter the content of the element fairway_name.

7.11. *Clarifications for translations in the spreadsheet 'reference_code'*

The following definition shall be used for reference_code values provided in the NtS Reference Tables:

— NAP: In the Netherlands the abbreviation NAP is used and understood, NAP is not translated

— KP: 'channel level' shall be translated thus provided in national language

— FZP: only the abbreviation 'FZP' shall be used (nowadays hardly used anymore)

— ADR: 'Adriatic Sea' shall be translated thus provided in national language

— TAW/DNG: 'Tweede algemene waterpassing' (Dutch) — 'Deuzième Nivellement Général' (French) is the reference height used in Belgium to express height measurements. 0 is the average sea water level at low water in Oostende

  — Dutch: TAW

  — French: DNG

  — All other Languages: TAW/DNG

— LDC: 'low navigable water level Danube Commission' shall be translated thus provided in national language

— HDC: 'high navigable water level Danube Commission' shall be translated thus provided in national language

— ETRS: 'European Terrestrial Reference System 1989' the abbreviation 'ETRS89' is used in all languages.

7.12. *Recommendation for the element 'coordinate'*

Although the element coordinate within the geo object section is conditional, the geo coordinates shall be given in WGS84 in format [d]d mm.mmm[m] N (latitude) and [d][d]d mm.mmm[m] E (longitude). This is to refer the NtS messages geographically.

7.13. *Handling of target groups*

The target group section consists of target group code and direction code. If both have the value ALL the whole section shall be omitted if there are no other specific target groups within the message. If just one of these two is given the other must be filled with the default value ALL because both elements are mandatory.

Further information concerning target groups can be found in the NtS Encoding Guide for editors.

7.14. *Display of valid messages at a given time*

The validity_period shall be used by applications to select the messages, which are to be displayed to users for a requested time.

If subject_code is INFSER (Info service) the validity period is used to specify the time the Info service Message is displayed to the users, not for the period of validity of the provided information (e.g. 1 month).

7.15. *Optional functions to increase user friendliness of NtS editor tools*

The following functions may be offered to NtS editors depending on national requirements:

— NtS applications may offer NtS editors to save draft NtS messages (not all mandatory content has to be provided in order to save draft messages)

— Different user roles may apply to different editors (e.g. editors that are allowed to enter/alter notices, publishers that are allowed to publish notices (in addition to editing)

8. **NtS XML Message Structure**

The NtS XML Message Structure and the content and purpose of data elements are defined and further explained in Appendix C: NtS XML Schema Definition (XSD).

9. **NtS Web Service**

9.1. *Objective*

The NtS Expert Group identified the web service technology as an appropriate means to provide the Notices to Skippers.

This chapter constitutes the specification of the web service for the provision of the Notices to Skippers, short NtS Web Service. Particular emphasis was placed on the use of well-established international standards.

One goal of the conceptual design was to ensure a good balance between flexibility and robustness of the resulting web service. The filter parameters provided in the requests are essentially the criteria specified in the NtS standard (waterway section with optional river km, time of validity, date of publication of the notice). This seems sufficiently expressive considering the use cases of the web service and at the same time limits the complexity of the implementation.

The core result is a contract for the web service, in which the requests and responses are specified. The consumers of the web service can rely on this contract and the providers have to comply with it. This contract is specified using the international standard WSDL.

Every participating Member State shall implement one or more web services for the different message types of the NtS (FTM, WRM, ICEM, WERM) and provide them via the internet ('NtS Message Service'),

The technical details of the implementation of the NtS WS, e.g. choice of appropriate data pools, applications and platforms, are not in the scope of this specification and are in the responsibility of each individual participating Member State.

In order to define a secure communication one has to consider various security aspects and protection objectives. Depending on the circumstances not all of these aspects have to be considered. The priority of the various security aspects and the degree of their fulfilment can vary. Also the feasibility of a certain measure can be limited by the capabilities of the technical implementation. In the context of NtS all information are public. So there is no need to secure the NtS data themselves in terms of data protection. Therefore every provider has to decide on its own in how far this aspect will be implemented in its service.

9.2. *Basic Principles and constraints*

9.2.1. Web standards

The NtS Web Service has to comply with the WS-I Basic Profile 1.1. This profile 'provides interoperability guidance for a core set of non-proprietary web services specifications, such as SOAP, WSDL and UDDI' ([1]). The most relevant standards herein are

— XML Schema Definition (XSD),

— Simple Object Access Protocol (SOAP),

— Web Services Description Language (WSDL), and

— Universal Description, Discovery and Integration (UDDI).

The response message of the NtS WS is an NtS message which is defined in XML Schema Definition (XSD) in Appendix C of this Commission Regulation.

SOAP is an application protocol for data transmission among IT-Systems and is standardised by the World Wide Web Consortiums (W3C).

The specific elements for the NtS Web Service are defined inline in the corresponding WSDL specifications in Appendix D of this Commission Regulation. The schema of the NtS standard (XSD) is included with an import statement.

UDDI (Universal Description, Discovery and Integration) is noted here as a central, possibly international registry for web services, where the NtS Web Service could be registered. In this registry potential consumers of the web service could search and find the service. But since the potential providers of the NtS Web Service are limited by the participating Member States and the WSDL specification is an integral part of the standard, the need for an independent registration of the NtS Web Service is not apparent.

9.2.2. Interaction model and encoding method for NtS WS

The encoding method Document-literal wrapped is used for the NtS Web Service, because it allows for validation against an XML schema and the operation names defined in the WSDL specification are used directly as XML tag names in the SOAP messages.

9.3. *General specifications and recommendations*

9.3.1. Specification: Version information

The version information of the NtS Web Service consists of two sections:

— version of the web service itself,

— version of the NtS schema used by the web service.

The section of the web service itself consists of two parts:

— major version of the web service,

— minor version of the web service.

The major version is given as a positive integer denoting the major version of the web service.

The minor version is given as a non-negative integer denoting the minor version of the web service within the major version.

([1]) Description cited from the WS-I Website: http://www.ws-i.org

The section of the NtS schema contains the version of the NtS schema as defined by the NtS Expert Group.

Hence, the version of the NtS Web Service specified here is 2.0.4.0, where 2.0 is the version of the web service itself and 4.0 is the version of the NtS schema used.

Explicit version information is not necessary in the requests or responses of the NtS Web Service. There are only a few versions of the services expected to be online at the same time. Different versions shall be provided with different URLs. Hence, each instance of an NtS Web Service implementation shall support one specific version of the NtS Web Service.

9.3.2. Specification: Structure of namespaces

The namespaces in the NtS Web Service are based on the web domain of the RIS Expert Groups, http://www.ris.eu/

The namespaces contain a particle indicating the corresponding service and version information. Hence, the service specified here uses the following namespace:

NtS Message Service: http://www.ris.eu/nts.ms/2.0.4.0

9.3.3. Recommendation: Use of namespaces

For higher transparency of XML documents it is recommended to define namespaces in the outmost suitable element in the schemas as well as the instance documents and not to use local namespace definitions in nested elements.

9.3.4. Recommendation: Use of namespace prefixes

Requests and responses in the NtS Web Service shall use XML elements in qualified form, i.e. with an explicit namespace prefix, and XML attributes in unqualified form, i.e. without a namespace prefix.

It is recommended to use intuitive namespace prefixes like 'nts' for better human readability.

9.3.5. Specification: Use of ISRS Location Codes

The ISRS Location Code is explained in chapter 2 of the NtS Encoding Guide for application developers as well as the RIS Index Encoding Guide.

Querying an NtS Web Service, the client can reference various objects, e.g. fairway sections, gauges or locks. If the corresponding parameters, the id elements, are used, they must contain ISRS Location Codes. These parameters are typically given in id elements, each containing one or two ids.

When using these parameters, the following general conventions have to be observed:

— ISRS Location Codes have to be submitted as full-length 20-character codes, i.e. without truncating trailing zeros,

— If two ids are used within an id element, both ISRS Location Codes have to refer to the same waterway. This means, that the codes include some identical digits located in the fairway_section part of the ISRS Location Code. The fairway section code together with the fairway hectometre defines a waterway stretch provided as pair of id elements.

For the provision of waterway stretches (id element pairs within the fairway_section geo_object) in NtS messages, the following has to be considered with respect to the ISRS Location Codes:

— digits 1 to 2 (Country code):

  — have to be identical within the id pair, but

— different country codes may be defined within one id pair in case neighbouring countries are using the same fairway section code for a specific waterway and the same system for defining the hectometres,

— digits 3 to 5 (UN Location code):

— are not relevant, may contain different content within the id pair,

— digits 6 to 10 (Fairway section code):

— have to be identical within the id pair, but

— [exception]: in case of using the Belgian ISRS codes within NtS WS, one should use only digits 6 to 8 to identify the fairway section, because NtS messages will be published across different sections within one fairway,

— digits 11 to 15 (Object Reference Code).

— are not relevant, may contain different content within the id pair,

— digits 16 to 20 (Fairway Hectometre):

— consist of five numerical digits defining the hectometre thus will usually contain different content within the id pair. Example: '00235' for fairway km 23,5; '00001' for fairway km 0,1,

— [exception]: in case of the Netherlands there is not always a direct connection between the Fairway hectometre and the physical kilometre of the fairway due to the definition of the start of the fairway stretch in the network model and in the real world, in such cases the Object Reference Code for objects of the type 'dismar' starts with Kxxxx (xxxx includes the physical kilometre, e.g. NLSVG00130K000300191 (km 3)). But for other types of objects there is no direct relation to the physical fairway km in the ISRS codes, e.g. the bridge of Sas van Gent on the same fairway at km 2,5 has the ISRS code NLSVG001300521600186. For the Kanaal Gent-Terneuzen the physical km 0,0 starts at the border of Belgium and the Netherlands and the Fairway Hectometre 0,0 starts at the beginning of the canal in Gent.

In case a message touches more than one waterway or fairway sections all fairway sections have to be defined by their begin- and end-point in separate 'fairway_section' XML elements.

For some countries/regions it is required to build filter functionality. For example if ISRS Location Code (1-2) is BE use ISRS Location Code (6-8) as the ID for linear referencing with the fairway hectometre (ISRS Location Code 16-20). Examples for fairway stretches (valid id element pairs within the fairway_section) that include above defined exceptions:

— The two NL ISRS Location Codes are a valid definition of a waterway stretch (showing NL exception with respect to the kilometre of the fairway): NLSVG00130K000300191 (km 3,0 at Sas van Gent on the Kanaal Gent-Terneuzen) — NLWDP00130K000400200 (km 4,0 at Westdorpe on the Kanaal Gent-Terneuzen),

— The two BE ISRS Location Codes are a valid definition of a waterway stretch (showing BE exception with respect to the fairway section code ('020' Albertkanaal)): BEGNK02016L010100414 (lock of Genk located at km 41,4 on the Albert Canal) — BEOSH02033L010500772 (lock of Ham located at km 77,2 on the Albert Canal).

The following figure shows counter-examples of ISRS Location Code usage for each of the general conventions (no exceptions to the general conventions apply to SK waterway stretches):

```
<ns:ids>
   <ns:id>SKXXX00001</ns:id>
<ns:ids />

<ns:ids>
   <ns:id>SKXXX000010000000110</ns:id>
   <ns:id>SKXXX000200000001508</ns:id>
</ns:ids>
```

Invalid ISRS Location Code queries

General remark: A service to query valid ISRS Location Codes is not supported by the NtS Web Service. The ISRS Location Codes are provided within the European Reference Data Management System (ERDMS).

The correct usage of ISRS Location Codes in queries and their interpretation is given in the following five cases.

Case 1: No ids element in request

The ids element is an optional part of the request, i.e. a query without any ids elements is allowed:

```
<ns:get_messages_query>
   <ns:message_type>FTM</ns:message_type>
</ns:get_messages_query>
```

Valid query without ids parameter

If no ids element is given, all messages shall be returned (depending, of course, on other filter criteria like validity_period or dates_issue).

Case 2: One id element in request

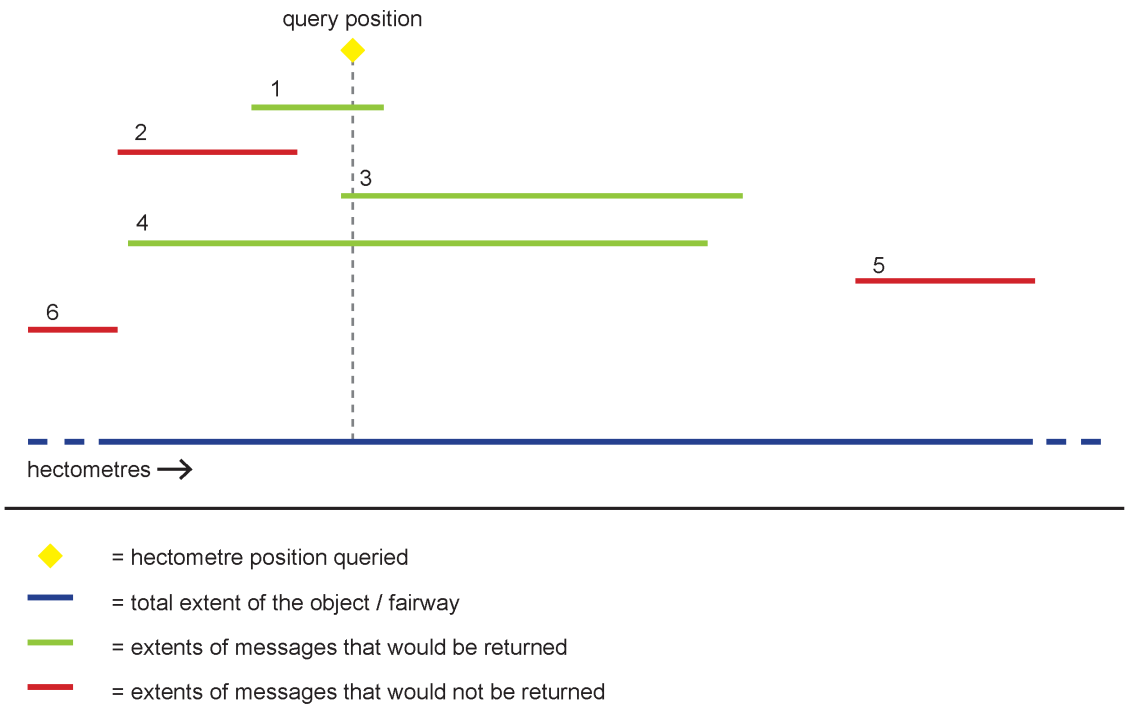
Each ids element can contain one or two id elements. The case of one id element is shown in the following figure:

```
<ns:get_messages_query>
   <ns:message_type>FTM</ns:message_type>
   <ns:ids>
      <ns:id>DEXXX007010000002407</ns:id>
   </ns:ids>
</ns:get_messages_query>
```

Valid query with one id parameter

If such a query is received, the server shall return all matching messages with a start hectometre ≤ the given value (240,7 in the example) and an end hectometre ≥ this value. The figure below depicts this selection of messages: The position queried lies between the start and end hectometre values of messages 1, 3 and 4, which would be returned. Messages 2, 5 and 6 do not overlap with the query position, so they would not be returned.

If the given ISRS Location Code denotes a singular object, e.g. a gauge or a lock, the web service should return the messages involving this object.



Matching and not matching messages for one id parameter

Case 3: Two id elements in request

Each ids element can contain one or two id elements. The case of two id elements is shown in the following figure:

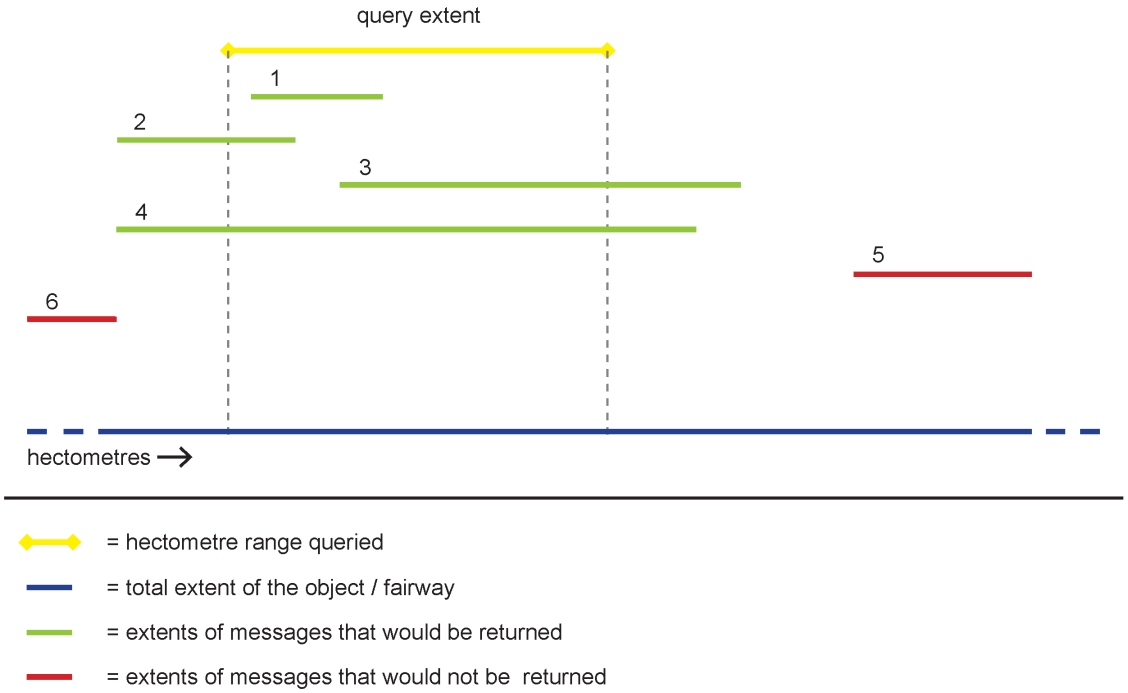
```
<ns:get_messages_query>
   <ns:message_type>FTM</ns:message_type>
   <ns:ids>
      <ns:id>DEXXX007010000001203</ns:id>
      <ns:id>DEXXX007010000002407</ns:id>
   </ns:ids>
</ns:get_messages_query>
```

Valid query with two id parameters

All hectometre values queried shall be treated as valid, even if the corresponding fairway section has different start or end points. For instance, if the fairway section starts at hectometre 100,0 and ends at hectometre 300,0, a request querying hectometres 20,0 up to 400,0 would be valid. Internally, of course, only the 'real' extent of the fairway section is searched.

Doing so also enables the search for all messages on a fairway without knowing its exact hectometre range (one would send its ISRS Location Code with hectometres set to '00000' or '99999' respectively).

All matching messages intersecting the given hectometre interval shall be returned. The following diagram illustrates this situation:



Matching and not matching messages for two id parameters

The figure above shows, how 'intersecting' is defined. While the extents of the messages 1 to 4 overlap with the extent of the queried hectometre range (partially or completely), the extents of messages 5 and 6 do not, therefore messages 1 to 4 will be returned, 5 and 6 will not be returned.

The technical condition for a message to intersect with an interval [A, B] is: The start hectometre of the message is ≤ B and its end hectometre is ≥ A.

Combination: Multiple ids elements in request

```
<ns:get_messages_query>
   <ns:message_type>ICEM</ns:message_type>
   <ns:ids>
      <ns:id>SKXXX00001000000000</ns:id>
   <ns:ids />
   <ns:ids>
      <ns:id>SKXXX00005000000110</ns:id>
      <ns:id>SKXXX00005000000150</ns:id>
   </ns:ids>
   <ns:ids>
      <ns:id>SKXXX00002000001105</ns:id>
   <ns:ids />
   <ns:ids>
      <ns:id>SKXXX00005000002200</ns:id>
      <ns:id>SKXXX00005000003000</ns:id>
   </ns:ids>
</ns:get messages query>
```

Valid query with multiple ids elements

The combination of several ids elements in the request leads to a union of the corresponding messages. All the ids elements are treated individually and a message will be returned, if it matches at least one of them. Therefore, the following messages would be returned for the given example:

— All messages for the object with the ISRS Location Code SKXXX0000010000[*****] with start hectometre =0 and end hectometre ≥ 0 (see Case 2)

— All messages for the object with the ISRS Location Code SKXXX0000500000[*****] which intersect the hectometre interval [11,0, 15,0] (see Case 3)

— All messages for the object with the ISRS Location Code SKXXX0000200000[*****] with start hectometre ≤ 110,5 and end hectometre ≥ 110,5 (see Case 2)

— All messages for the object with the ISRS Location Code SKXXX0000500000[*****] which intersect the hectometre interval [220,0, 300,0] (see Case 3)

9.4. *NtS Message Service (implementation specification)*

In this chapter the implementation specification of the NtS message service is given, deduced from the considerations and choices in the preceding chapters.

The NtS message service provides the four types of messages in the NtS:

1. NtS FTM (fairway and traffic related message)

2. NtS WRM (water related message)

3. NtS ICEM (ice message)

4. NtS WERM (weather related message)

An implementation of the NtS message service can support all message types or just a selection. It is allowed that a participating Member State provides more than one service for a specific message type, that complement each other.

9.4.1. Request

In order to achieve a maximum robustness of the service while keeping the complexity on a low level no additional query language is used for the NtS Web Service. Instead the constructs provided by WSDL itself are applied. The specific operations together with their parameters are specified entirely within the WSDL specification. In the case of the NtS Message Service a single operation is defined.

The subject-specific filter criteria are taken from the NtS standard, but extended concerning multiplicity of the parameters:

— type of message (compulsory; one of 'FTM', 'WRM', 'ICEM', 'WERM'),

— specific waterway sections or parts thereof, or specific objects (optional; described by single ISRS Location Codes and/or pairs of ISRS Location Codes),

— time of validity (optional; start date and end date),

— date of publication of the notice (optional; single dates and/or intervals of dates).

Only the messages matching the given criteria are returned by the service.

Paging mechanism

In order to control the amount of data a paging mechanism is supported. The paging parameter is defined with a complex type containing the following elements:

— offset: serial number of the first returned message (integer ≥ 0),

— limit: max. number of messages (integer ≥ 0),

— total count: flag, if total number of messages shall be returned (Boolean value).

The complex paging parameter is optional, but if it is present, all elements within have to be given. Then, the paging mechanism works in the following way:

The total number of messages will not exceed the value of the parameter limit, with the exception that a value of 0 means 'no limit'. The response skips as many messages as defined in the parameter offset. In order to provide this mechanism, the service has to observe a temporarily stable (but otherwise arbitrary) sequence of the messages, e.g. between two updates of message data on the underlying data set of the web service. This means that two consecutive identical calls must return the same messages in the same order. The parameter total count determines whether the response shall provide the total number of messages matching the subject-specific criteria. Usually it should be sufficient to request this information with the first response, but omit it in all consecutive responses. This should result in a better performance of the web service.

The paging mechanism provides a means to request the messages iteratively in 'pages'. In order for the paging mechanism to work properly, the same subject-specific parameters have to be provided in each call.

9.4.2. Response

In case of a successful request the NtS Web Service response contains the NtS messages that match the request parameters. The NtS messages have to comply with the NtS schema and can be validated against that schema. Since the message type is a compulsory request parameter, each response can contain only NtS messages of the same message type, FTM, WRM, ICEM or WERM respectively.

If the service detects errors while processing the request it can return an arbitrary number of error messages, using the error codes listed in the following subchapter.

One response of an NtS Web Service can contain NtS messages and error messages at the same time.

Optional paging information is returned if the request contained paging parameters. In this case the offset and number of contained messages are mandatory, the total count needs only be present if it has been requested.

Please note: It is assumed that the communication between the web service and the user is technically established, i.e. the service receives the request and the user receives the corresponding response. Technical errors, e.g. breakdown of the internet connection or inaccessibility of the web service due to maintenance or crash, are not considered here. Only error situations that happen 'behind' the web service layer from the users point of view are considered here.

Error messages

The error codes for the expected error situations are given below, together with an explanation. Only the error code is contained in the response, which is the usual procedure in the XML schema of the NtS.

Error codes for the NtS message service

Code	Description	Explanation
e010	message type not supported	web service does not support the requested message type
e030	paging parameters inconsistent with messages	parameters for paging mechanism do not fit the available messages, e.g. Offset >= Total Count
e100	syntax error in request	request violates the schema for requests; can be specified in more detail by further e1xx-Codes
e110	incorrect message type	given message type is not known

Code	Description	Explanation
e120	incorrect type-specific parameters	type-specific parameters are erroneous
e130	incorrect paging parameters	given parameters for the paging mechanism are erroneous
e200	operation not known	the requested operation is unknown
e300	data source unavailable	data source of the web service for the NtS data is temporarily unavailable (technical problem)
e310	too many results for request,	server is unable to handle number of results

9.5. *Generation of services and clients*

If the contract-first approach is consequently observed, i.e. one or more contracts with complete descriptions of the interfaces are given in the form of WSDL documents, an implementation of the service(s) as well as an implementation of a corresponding client can be automatically generated using appropriate software tools. In an ideal situation no manual changes have to be made in the generated source code.

However, in most cases several iterations are necessary until the WSDL specification meets the precise requirements of such a tool. Typically the tool makes individual demands on the use of the WSDL standard in order to work smoothly. As a consequence changes to the WSDL specification may be necessary, although the WSDL specification was a valid specification according to the WSDL standard in the first place. If the WSDL specification of the web service is changed after the service or the client have been generated, a new generation process may be necessary, depending on the changes made.

Glossary

Term	Explanation
ID	Identification
ISRS Location Code	'International Ship Reporting Standard' Location Code
NtS	Notices to Skippers
RIS	River Information Services
SOAP	Simple Object Access Protocol; network protocol typically used for web services
UDDI	Universal Description, Discovery and Integration; Standard for registry services in the context of web services
UN	United Nations
URL	Uniform Resource Locator; location of a network resource typically used for internet addresses
WGS 84	World Geodetic System 1984

Term	Explanation
WS	Web Service; service that provides its interfaces in the internet and is used by internet communication
WSDL	Web Services Description Language; standard for the specification of web services
WS-I	Web Services Interoperability Organisation; industry consortium with the objective to support interoperability of web services
XML	Extensible Markup Language; meta language for the structured and platform independent representation of data
XSD	XML Schema Definition; standard to specify the structure of XML documents

Appendix C

No	Tag (Group headers and closers are boldly printed)	Description	Occ.	Rule
	xmlns:nts="http://www.ris.eu/nts/4.0.4.0"			
	<RIS_Message>	Notice to Skippers		
1s	**<identification>**	**Identification section**	M	1
1.1	<internal_id>xs:string (64)</internal_id>	Internal ID	C	
1.2	<from>xs:string (64)</from>	Sender (System) of the message	M	
1.3	<originator>xs:string (64)</originator>	Originator (initiator) of the information in this message	M	
1.4	<country_code>nts:country_code_enum</country_code>	Country where message is valid	M	
1.5	<language_code>nts:language_code_enum</language_code>	Original language used in the textual info. (contents)	M	
1.6	<district>xs:string (64)</district>	District / Region within the specified country, where the message is applicable	C	
1.7	<date_issue>xs:dateTime<date_issue>	Date and time of publication including time zone (yyyy-mm-ddThh:mm:ss+hh:mm)	M	
1e	**</identification>**			
2s	**<ftm>**	**Fairway and traffic related section**	C	1
2.1	<internal_id>xs:string (64)</internal_id>	Internal ID	C	
2.2s	<nts_number>	NtS Number	M	
2.2.1	<organisation>xs:string (64)</organisation	Name of the publishing organisation (NtS Provider)	M	
2.2.2	<year>xs:gYear (1900-9999)</year>	Year of first issuing of the notice	M	
2.2.3	<number>xs:integer (0-99999999)</number>	Number of the notice (per year, starting with: 1, 0 shall not be used for published notices)	M	
2.2.4	<serial_number>xs:integer (0-99)</serial_number>	Serial number of notice (replacements and withdrawals), original notice: 0	M	
2.2e	</nts_number>			
2.3s	<target_group>	Target group information	C	
2.3.1	<target_group_code>nts:target_group_code_enum</target_group_code>	Target group (vessel type) for this message	M	5
2.3.2	<direction_code>nts:direction_code_enum</direction_code>	Upstream or downstream traffic, or both	M	5
2.3e	</target_group>			
2.4	<subject_code>nts:subject_code_enum</subject_code>	Subject code	M	
2.5s	<validity_period>	Overall period of validity	M	
2.5.1	<date_start>xs:date</date_start>	Start date of validity period including time zone (yyyy-mm-dd+hh:mm)	M	

No	Tag (Group headers and closers are boldly printed)	Description	Occ.	Rule
2.5.2	<date_end>xs:date</date_end>	End date of validity period including time zone (yyyy-mm-dd+hh:mm)	C	
2.5e	</validity_period>			
2.6	<contents>xs:string (500)</contents>	Additional information in local language	C	
2.7	<source>xs:string (64)</source>	Notice source (name of authority)	C	
2.8	<reason_code>nts:reason_code_enum</reason_code>	Reason / justification of notice	C	
2.9s	<communication>	Communication channel information	C	
2.9.1	<reporting_code>nts:reporting_code_enum</reporting_code>	Reporting regime (information or duty to report)	M	5
2.9.2	<communication_code>nts:communication_code_enum</communication_code>	Communication code (telephone, VHF etc.)	M	5
2.9.3	<number>xs:string (128)</number>	Telephone, VHF number (including callsign), e-mail address, URL or teletext	C	
2.9.4	<label>xs:string (256)</label>	Name of the attachment or additional information	C	
2.9.5	<remark>xs:string (1024)</remark>	Additional remarks concerning the communication	C	
2.9e	</communication>			
2.10s	<fairway_section>	Fairway section, also available for objects (no 2.11)	C	2
2.10.1s	<geo_object>	Geo information of fairway	M	5
2.10.1.1	<id>nts:isrs_code_type</id>	ISRS Location Code of the fairway section (2x) Pattern=[A-Z]{2}[A-Z]{3}[A-Z0-9]{5}[A-Z0-9]{5}[0-9]{5}	M	7
2.10.1.2	<name>xs:string (256)</name>	Local name of the fairway section (f.e.: Rhine between bridge A and bridge B)	M	
2.10.1.3	<type_code>nts:type_code_enum</type_code>	Type of geographical object (default=FWY)	M	
2.10.1.4	<position_code>nts:position_code_enum</position_code>	Describes the position related to the fairway	C	
2.10.1.5s	<coordinate>	Fairway section begin and end coordinates (2x)	C	7
2.10.1.5.1	<lat>xs:string (10-12)</lat>	[d]d mm.mmm[m] N	M	5
2.10.1.5.2	<long>xs:string (10-13)</long>	[d][d]d mm.mmm[m] E	M	5
2.10.1.5e	</coordinate>			
2.10.1.6	<fairway_name>xs:string (256)</fairway_name>	Waterway name (usefull if no RIS Index is available).	C	
2.10.1e	</geo_object>			
2.10.2s	<limitation>	Fairway section limitations	C	

No	Tag (Group headers and closers are boldly printed)	Description	Occ.	Rule
2.10.2.1s	<limitation_period>	Limitation periods / intervals (All limitations have to include a limitation period with an interval code in order to allow proper calculations within voyage planning applications)	C	
2.10.2.1.1	<date_start>xs:date</date_start>	Start date of limitation period (overall) INCLUDING time zone format=yyyy-mm-dd+hh:mm	M	5
2.10.2.1.2	<date_end>xs:date</date_end>	End date of limitation period INCLUDING time zone format=yyyy-mm-dd+hh:mm	C	
2.10.2.1.3	<time_start>xs:time</time_start>	Start time of limitation period WITHOUT time zone format=hh:mm:ss [whereas ss=00]	C	
2.10.2.1.4	<time_end>xs:time</time_end>	End time of limitation period WITHOUT time zone format=hh:mm:ss [whereas ss=00]	C	
2.10.2.1.5	<interval_code>nts:interval_code_enum</interval_code>	Interval for limitation (mandatory M(5) but is set to C to be compatible with former XSD version)	C	
2.10.2.1e	</limitation_period>			
2.10.2.2	<limitation_code>nts:limitation_code_enum</limitation_code>	Kind of limitation	M	5
2.10.2.3	<position_code>nts:position_code_enum</position_code>	Describes the position of the limitation related to the fairway	C	
2.10.2.4	<value>xs:float</value>	Value of limitation (i.e. max draught)	C	
2.10.2.5	<unit>nts:unit_enum</unit>	Unit of the value of the limitation	C	
2.10.2.6	<reference_code>nts:reference_code_enum</reference_code>	Value reference	C	
2.10.2.7	<indication_code>nts:indication_code_enum</indication_code>	Minimum or maximum or reduced by	C	
2.10.2.8s	<target_group>	Target group information	C	
2.10.2.8.1	<target_group_code>nts:target_group_code_enum</target_group_code>	Target group (vessel type) for this limitation	M	5
2.10.2.8.2	<direction_code>nts:direction_code_enum</direction_code>	Upstream or downstream traffic, or both	M	5
2.10.2.8e	</target_group>			
2.10.2e	</limitation>			
2.10e	</fairway_section>			
2.11s	<object>	Object section	C	2
2.11.1s	<geo_object>	Geo Information of object	M	5
2.11.1.1	<id>nts:isrs_code_type</id>	ISRS Location Code of the object (1x) Pattern=[A-Z]{2}[A-Z]{3}[A-Z0-9]{5}[A-Z0-9]{5}[0-9]{5}	M	8
2.11.1.2	<name>xs:string (256)</name>	Local name of the aggregated object	M	
2.11.1.3	<type_code>nts:type_code_enum</type_code>	Type of geographical object	M	

No	Tag (Group headers and closers are boldly printed)	Description	Occ.	Rule
2.11.1.4	<position_code>nts:position_code_enum</position_code>	Describes the position related to the object	C	
2.11.1.5s	<coordinate>	Object coordinates (1x)	C	8
2.11.1.5.1	<lat>xs:string (10-12)</lat>	[d]d mm.mmm[m] N	M	5
2.11.1.5.2	<long>xs:string (10-13)</long>	[d][d]d mm.mmm[m] E	M	5
2.11.1.5e	</coordinate>			
2.11.1.6	<fairway_name>xs:string (256)</fairway_name>	Waterway name (usefull if no RIS Index is available).	C	
2.11.1e	</geo_object>			
2.11.2s	<limitation>	Object limitation section	C	
2.11.2.1s	<limitation_period>	Limitation periods / intervals (All limitations have to include a limitation period with an interval code in order to allow proper calculations within voyage planning applications)	C	
2.11.2.1.1	<date_start>xs:date</date_start>	Start date of limitation period (overall) INCLUDING time zone format=yyyy-mm-dd+hh:mm	M	5
2.11.2.1.2	<date_end>xs:date</date_end>	End date of limitation period INCLUDING time zone format=yyyy-mm-dd+hh:mm	C	
2.11.2.1.3	<time_start>xs:time</time_start>	Start time of limitation period WITHOUT time zone format=hh:mm:ss [whereas ss=00]	C	
2.11.2.1.4	<time_end>xs:time</time_end>	End time of limitation period WITHOUT time zone format=hh:mm:ss [whereas ss=00]	C	
2.11.2.1.5	<interval_code>nts:interval_code_enum</interval_code>	Interval for limitation (mandatory M(5) but is set to C to be compatible with former XSD version)	C	
2.11.2.1e	</limitation_period>			
2.11.2.2	<limitation_code>nts:limitation_code_enum</limitation_code>	Kind of limitation	M	5
2.11.2.3	<position_code>nts:position_code_enum</position_code>	Describes the position of the limitation related to the fairway	C	
2.11.2.4	<value>xs:float</value>	Value of limitation (i.e. max draught)	C	
2.11.2.5	<unit>nts:unit_enum</unit>	Unit of the value of the limitation	C	
2.11.2.6	<reference_code>nts:reference_code_enum</reference_code>	Value reference	C	
2.11.2.7	<indication_code>nts:indication_code_enum</indication_code>	Minimum or maximum or reduced by	C	
2.11.2.8s	<target_group>	Target group information	C	
2.11.2.8.1	<target_group_code>nts:target_group_code_enum</target_group_code>	Target group (vessel type) for this limitation	M	5
2.11.2.8.2	<direction_code>nts:direction_code_enum</direction_code>	Upstream or downstream traffic, or both	M	5

No	Tag (Group headers and closers are boldly printed)	Description	Occ.	Rule
2.11.2.8e	</target_group>			
2.11.2e	</limitation>			
2.11e	</object>			
2e	**</ftm>**			
3s	**<wrm>**	**Water related section**	C	1
3.1	<internal_id>xs:string (64)</internal_id>	Internal ID	C	
3.2s	<nts_number>	NtS Number	C	
3.2.1	<organisation>xs:string (64)</organisation	Name of the publishing organisation (NtS Provider)	M	5
3.2.2	<year>xs:gYear (1900-9999)</year>	Current year of the notice	M	5
3.2.3	<number>xs:integer (0-99999999)</number>	Number of the notice (see Developers Guide for WRM-Message Number generation)	M	5
3.2.4	<serial_number>xs:integer (0-99)</serial_number>	Serial number of the notice (see Developers Guide for WRM-Message Serial Number generation)	M	5
3.2e	</nts_number>			
3.3s	<validity_period>	Overall period of validity	M	
3.3.1	<date_start>xs:date</date_start>	Start date of validity period including time zone (yyyy-mm-dd+hh:mm)	M	
3.3.2	<date_end>xs:date</date_end>	End date of validity period including time zone (yyyy-mm-dd+hh:mm)	C	
3.3e	</validity_period>			
3.4s	<geo_object>	Geo Information of measurement location	M	5
3.4.1	<id>nts:isrs_code_type</id>	ISRS Location Code of the object/fairway (1x or 2x) Pattern=[A-Z]{2}[A-Z]{3}[A-Z0-9]{5}[A-Z0-9]{5}[0-9]{5}	M	9
3.4.2	<name>xs:string (256)</name>	Local name of the object/fairway	M	
3.4.3	<type_code>nts:type_code_enum</type_code>	Type of geographical object/fairway	M	
3.4.4	<position_code>nts:position_code_enum</position_code>	Describes the position related to the object/fairway	C	
3.4.5s	<coordinate>	Object/Fairway coordinates (1x or 2x)	C	9
3.4.5.1	<lat>xs:string (10-12)</lat>	[d]d mm.mmm[m] N	M	5
3.4.5.2	<long>xs:string (10-13)</long>	[d][d]d mm.mmm[m] E	M	5
3.3.5e	</coordinate>			

No	Tag (Group headers and closers are boldly printed)	Description	Occ.	Rule
3.3.6	<fairway_name>xs:string (256)</fairway_name>	Waterway name (usefull if no RIS Index is available).	C	
3.4e	</geo_object>			
3.5	<reference_code>nts:reference_code_enum</reference_code>	Value reference (measurement reference)	C	6
3.6s	<measure>	Measurements (normal or predicted values)	M	5
3.6.1	<predicted>xs:boolean</predicted>	Predicted measurement (1 or true) or real measurement (0 or false)	M	
3.6.2	<measure_code>nts:measure_code_enum</measure_code>	Kind of water related information	M	
3.6.3	<value>xs:float</value>	Measured or predicted value	C	10
3.6.4	<value_min>xs:float</value_min>	Lowest value of confidence interval	C	
3.6.5	<value_max>xs:float</value_max>	Highest value of confidence interval	C	
3.6.6	<unit>nts:unit_enum</unit>	Unit of the water related value	C	
3.6.7	<barrage_code>nts:barrage_code_enum</barrage_code>	Barrage status	C	11
3.6.8	<regime_code>nts:regime_code_enum</regime_code>	Regime applicable	C	12
3.6.9	<measuredate>xs:dateTime</measuredate>	Date and Time of measurement or predicted value including time zone Format=yyyy-mm-ddThh:mm:ss+hh:mm	M	
3.6.10s	<difference>	Difference with comparative value	C	
3.6.10.1	<value_difference>xs:float</value_difference>	Difference with comparative value	M	5
3.6.10.2	<time_difference>xs:duration</time_difference>	Time difference to measuredate of comparative value	M	5
3.6.10e	</difference>			
3.6e	</measure>			
3e	**</wrm>**			
4s	**<icem>**	**Ice related section**	C	1
4.1	<internal_id>xs:string (64)</internal_id>	Internal ID	C	
4.2s	<nts_number>	NtS Number	M	
4.2.1	<organisation>xs:string (64)</organisation	Name of the publishing organisation (NtS Provider)	M	
4.2.2	<year>xs:gYear (1900-9999)</year>	Current year of the notice	M	
4.2.3	<number>xs:integer (0-99999999)</number>	Number of the notice (per year, starting with: 1, 0 shall not be used for published notices)	M	
4.2.4	<serial_number>xs:integer (0-99)</serial_number>	Serial number of notice, original notice: 0	M	
4.2e	</nts_number>			

No	Tag (Group headers and closers are boldly printed)	Description	Occ.	Rule
4.3s	<validity_period>	Overall period of validity	M	
4.3.1	<date_start>xs:date</date_start>	Start date of validity period including time zone (yyyy-mm-dd+hh:mm)	M	
4.3.2	<date_end>xs:date</date_end>	End date of validity period including time zone (yyyy-mm-dd+hh:mm)	C	
4.3e	</validity_period>			
4.4s	<fairway_section>	Fairway section — the limitation inside the fairway section cannot be used in the ICEM	M	5
4.4.1s	<geo_object>	Geo Information of fairway	M	5
4.4.1.1	<id>nts:isrs_code_type</id>	ISRS Location Code of the fairway section (2x) Pattern=[A-Z]{2}[A-Z]{3}[A-Z0-9]{5}[A-Z0-9]{5}[0-9]{5}	M	
4.4.1.2	<name>xs:string (256)</name>	Local Name of the fairway section (f.e.: Rhine between bridge A and bridge B)	M	
4.4.1.3	<type_code>nts:type_code_enum</type_code>	Type of geographical object (default=FWY)	M	
4.4.1.4	<position_code>nts:position_code_enum</position_code>	Describes the position related to the fairway	C	
4.4.1.5s	<coordinate>	Fairway section begin and end coordinates (2x)	C	7
4.4.1.5.1	<lat>xs:string (10-12)</lat>	[d]d mm.mmm[m] N	M	5
4.4.1.5.2	<long>xs:string (10-13)</long>	[d][d]d mm.mmm[m] E	M	5
4.4.1.5e	</coordinate>			
4.4.1.6	<fairway_name>xs:string (256)</fairway_name>	Waterway name (usefull if no RIS Index is available).	C	
4.4.1e	</geo_object>			
4.4e	</fairway_section>			
4.5s	<ice_condition>	Ice conditions	M	
4.5.1	<measuredate>xs:dateTime</measuredate>	Date and Time of measurement or prediction including time zone Format=yyyy-mm-ddThh:mm:ss+hh:mm	M	
4.5.2	<ice_condition_code>nts:ice_condition_code_enum</ice_condition_code>	Condition code	C	4
4.5.3	<ice_accessibility_code>nts:ice_accessibility_code_enum</ice_accessibility_code>	Accessibility code	C	4
4.5.4	<ice_classification_code>nts:ice_classification_code_enum</ice_classification_code>	Classification code	C	4
4.5.5	<ice_situation_code>nts:ice_situation_code_enum</ice_situation_code>	Situation code	C	4
4.5e	</ice_condition>			
4e	**</icem>**			

No	Tag (Group headers and closers are boldly printed)	Description	Occ.	Rule
5s	**<werm>**	**Weather related section**	C	1
5.1	<internal_id>xs:string (64)</internal_id>	Internal ID	C	
5.2s	<nts_number>	NtS Number	C	
5.2.1	<organisation>xs:string (64)</organisation	Name of the publishing organisation (NtS Provider)	M	5
5.2.2	<year>xs:gYear (1900-9999)</year>	Year of issuing of the notice	M	5
5.2.3	<number>xs:integer (0-99999999)</number>	Number of the notice (per year, starting with: 1, 0 shall not be used for published notices)	M	5
5.2.4	<serial_number>xs:integer (0-99)</serial_number>	Serial number of notice, original notice: 0	M	5
5.2e	</nts_number>			
5.3s	<validity_period>	Overall period of validity	M	13
5.3.1	<date_start>xs:date</date_start>	Start date of validity period including time zone (yyyy-mm-dd+hh:mm)	M	
5.3.2	<date_end>xs:date</date_end>	End date of validity period including time zone (yyyy-mm-dd+hh:mm)	C	
5.3e	</validity_period>			
5.4s	<fairway_section>	Fairway section	M	
5.4.1s	<geo_object>	Geo Information of fairway	M	
5.4.1.1	<id>nts:isrs_code_type</id>	ISRS Location Code of the fairway section (2x) Pattern=[A-Z]{2}[A-Z]{3}[A-Z0-9]{5}[A-Z0-9]{5}[0-9]{5}	M	7
5.4.1.2	<name>xs:string (256)</name>	Local name of the fairway section (f.e.: Rhine between bridge A and bridge B)	M	
5.4.1.3	<type_code>nts:type_code_enum</type_code>	Type of geographical object (default=FWY)	M	
5.4.1.4	<position_code>nts:position_code_enum</position_code>	Describes the position related to the fairway	C	
5.4.1.5s	<coordinate>	Fairway section begin and end coordinates (2x)	C	7
5.4.1.5.1	<lat>xs:string (10-12)</lat>	[d]d mm.mmm[m] N	M	5
5.4.1.5.2	<long>xs:string (10-13)</long>	[d][d]d mm.mmm[m] E	M	5
5.4.1.5e	</coordinate>			
5.4.1.6	<fairway_name>xs:string (256)</fairway_name>	Waterway name (usefull if no RIS Index is available).	C	
5.4.1e	</geo_object>			
5.4e	</fairway_section>			
5.5s	<weather_report>	Weather Report (1x or 2x)	M	
5.5.1	<measuredate>xs:dateTime</measuredate>	Date and Time of measurement or predicted value including time zone Format=yyyy-mm-ddThh:mm:ss+hh:mm	C	

No	Tag (Group headers and closers are boldly printed)	Description	Occ.	Rule
5.5.2	<forecast>xs:boolean</forecast>	Forecast (true or 1) OR Actual report (false or 0)	M	
5.5.3	<weather_class_code>nts:weather_class_code_enum</weather_class_code>	Classification of weather report (0..Nx)	M	3
5.5.4s	<weather_item>	Weather items (0..Nx)	C	
5.5.4.1	<weather_item_code>nts:weather_item_code_enum</weather_item_code>	Weather item type (Wind, Wave etc)	M	5
5.5.4.2	<value_min>xs:float</value_min>	Actual or Minimum value	M	5
5.5.4.3	<value_max>xs:float</value_max>	Maximum value	C	
5.5.4.4	<value_gusts>xs:float</value_gusts>	Gusts value (Wind)	C	
5.5.4.5	<unit>nts:unit_enum</unit>	Unit of the value	C	
5.5.4.6	<weather_category_code>nts:weather_category_code_enum</weather_category_code>	Classification of wind report	C	
5.5.4.7	<direction_code_min>nts:weather_direction_code_enum</direction_code_min>	Direction of wind or wave	C	
5.5.4.8	<direction_code_max>nts:weather_direction_code_enum</direction_code_max>	Direction of wind or wave	C	
5.5.4e	</weather_item>			
5.5e	</weather_report>			
5e	**</werm>**			

Legend for Occurrence (Occ.):
Mandatory (M)
Conditional (C)

Rules applicable to table "NtS XSD V.4.0.4.0":

1.	In one <RIS Message> at least two sections have to be filled in: — the <identification> section (1), — one of the following sections: — <ftm> (fairway and traffic related messages) (2), — <wrm> (water related message) (3), — <icem> (ice message) (4), — <werm> (weather related message) (5).
2.	At least one of the Group 2.10 (<fairway section>) or Group 2.11 (<object>) has to be given within <ftm>.
3.	A combinations of <weather_class_code> tags (5.5.3) in section <weather_report> can be given.
4.	In group 4.5 (<ice condition>) at least one of the conditional elements 4.5.2 to 4.5.5 have to be given.
5.	If a conditional group contains mandatory subgroups or elements these will only be mandatory if the group on the higher level is applied.
6.	Element <reference_code> is only mandatory for "WAL" (water level) in <wrm> (3.5).
7.	A <geo_object> in <fairway section> (<ftm> 2.10.1 , <icem> 4.4.1, <werm> 5.4.1) is defined by the begin and end ISRS Location Codes and coordinates (2 ISRS Location Codes and 2 sets of coordinates).
8.	A <geo_object> in <object> section (<ftm> 2.11.1) is defined by the ISRS Location Code and coordinates of its center point (1 ISRS Location Code 1 set of coordinates).
9.	A <geo_object> in <wrm> has 2 ISRS Location Codes and 2 sets of coordinates in case the <type_code> (3.4.3) is "FWY", "RIV" or "CAN", otherwise only 1 ISRS Location Code and 1 set of coordinates has to be given.
10.	If there is a measurement the elements <value> (3.6.3) or <value_min> (3.6.4) and <value_max> (3.6.5) is/are mandatory if <measure_code> (3.6.2) is either "DIS", "VER", "LSD" or "WAL". In case there is no measurement (and a message should be sent anyhow) the value elements shall be omitted.
11.	Element <barrage_code> (3.6.7) is mandatory if <measure code> (3.6.2) is "BAR".
12.	Element <regime_code> (3.6.8) is mandatory if <measure code> (3.6.2) is "REG".
13.	Predictions for more than one <validity_period> (5.3) require individual <werm> messages.
14.	In case of <icem> (4.4.2) and <werm> a <limitation> section is not applicable. Limitations shall be provided via FTM notices.

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:nts="http://www.ris.eu/nts/4.0.4.0" xmlns:xs="http://www.w3.org/2001/XMLSchema"
targetNamespace=">http://www.ris.eu/nts/4.0.4.0" elementFormDefault="qualified" attributeFormDefault="unqualified"
version="4.0.4.0">
    <!--
    ==========================================
    = definition of main element RIS_Message =
    = and corresponding type RIS_Message_Type =
    ==========================================
    -->
    <xs:element name="RIS_Message" type="nts:RIS_Message_Type">
        <xs:annotation>
            <xs:documentation>River Information Service Message</xs:documentation>
        </xs:annotation>
    </xs:element>
    <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 section</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="wrm" type="nts:wrm_type" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>Water related section</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="icem" type="nts:icem_type" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>Ice related section</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="werm" type="nts:werm_type" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>Weather related section</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
```

```
<!--
=========================================
= definition of identification_type, =
= used in definition of RIS_Message_Type =
=========================================
-->
<xs:complexType name="identification_type">
    <xs:sequence>
        <xs:element name="internal_id" type="nts:internal_id_type" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Internal ID</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="from">
            <xs:annotation>
                <xs:documentation>Sender (System) 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 info. (contents)</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="district" minOccurs="0">
            <xs:annotation>
                <xs:documentation>District / Region within the specified country, where the message is applicable
                </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:dateTime">
            <xs:annotation>
                <xs:documentation>Date and time of publication including time zone</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<!--
================================================
= types used in definition of identification_type =
================================================
-->
<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="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="ME"/>
        <xs:enumeration value="MT"/>
        <xs:enumeration value="NL"/>
        <xs:enumeration value="PL"/>
        <xs:enumeration value="PT"/>
        <xs:enumeration value="RO"/>
        <xs:enumeration value="RS"/>
        <xs:enumeration value="SE"/>
        <xs:enumeration value="SI"/>
        <xs:enumeration value="SK"/>
        <xs:enumeration value="RU"/>
        <xs:enumeration value="UA"/>
    </xs:restriction>
</xs:simpleType>
```

```
<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>
<!--
==========================================
= definition of ftm_type, =
= used in definition of RIS_Message_Type =
==========================================
-->
<xs:complexType name="ftm_type">
    <xs:sequence>
        <xs:element name="internal_id" type="nts:internal_id_type" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Internal ID</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="nts_number" type="nts:nts_number_type">
            <xs:annotation>
                <xs:documentation>NtS Number</xs:documentation>
            </xs:annotation>
        </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 must contain one of the following: Announcement (ANNOUN),
                Warning (WARNIN), Notice withdrawn (CANCEL) or Information service (INFSER). More information
                on the use of codes can be found in the NtS Encoding Guide.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="validity_period" type="nts:validity_period_type">
            <xs:annotation>
                <xs:documentation>Overall period of validity</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="contents" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Additional information in local 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 (name of 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:choice maxOccurs="unbounded">
            <xs:element name="fairway_section" type="nts:fairway_section_type">
                <xs:annotation>
                    <xs:documentation>Fairway section</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="object" type="nts:object_type">
                <xs:annotation>
                    <xs:documentation>Object section</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:choice>
    </xs:sequence>
</xs:complexType>
```

```
<!--
=======================================
= types used in definition of ftm_type =
=======================================
-->
<xs:simpleType name="subject_code_enum">
    <xs:restriction base="xs:string">
        <xs:minLength value="3"/>
        <xs:maxLength value="6"/>
        <xs:enumeration value="ANNOUN"/>
        <xs:enumeration value="WARNIN"/>
        <xs:enumeration value="CANCEL"/>
        <!-- the following values are added due to CR 128 -->
        <xs:enumeration value="INFSER"/>
        <!-- obsolete values due to CR 128 but still valid for backwards compatibility -->
        <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="LIMITA"/>
        <xs:enumeration value="MISECH"/>
        <xs:enumeration value="ECDISU"/>
        <xs:enumeration value="NEWOBJ"/>
        <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>
    <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="STRIKE"/>
            <xs:enumeration value="FLOMAT"/>
            <xs:enumeration value="EXPLOS"/>
            <xs:enumeration value="ICE"/>
            <xs:enumeration value="OBSTAC"/>
            <!--the following values are added due to CR 128-->
            <xs:enumeration value="CHGMAR"/>
            <xs:enumeration value="DAMMAR"/>
            <xs:enumeration value="FALMAT"/>
            <xs:enumeration value="MISECH"/>
            <xs:enumeration value="HEARIS"/>
            <xs:enumeration value="HIGVOL"/>
            <xs:enumeration value="ECDISU"/>
            <xs:enumeration value="LOCRUL"/>
            <xs:enumeration value="NEWOBJ"/>
            <xs:enumeration value="OBUNWA"/>
            <xs:enumeration value="VHFCOV"/>
            <xs:enumeration value="REMOBJ"/>
            <xs:enumeration value="LEVRIS"/>
            <xs:enumeration value="SPCMAR"/>
```

```
        <!--the following value is added due to CR 155-->
        <xs:enumeration value="WERMCO"/>
        <!--obsolete values due to CR 128 but still valid for backwards compatibility -->
        <xs:enumeration value="INFSER"/>
    </xs:restriction>
</xs:simpleType>
<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 code (telephone, VHF etc.)</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="number" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Telephone, VHF number (including callsign), e-mail address, URL or
                teletext</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="128"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="label" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Name of the attachment or additional information</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="256"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="remark" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Additional remarks concerning the communication</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="1024"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
```

```
<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>
<xs:simpleType name="communication_code_enum">
    <xs:restriction base="xs:string">
        <xs:maxLength value="3"/>
        <xs:enumeration value="TE"/>
        <xs:enumeration value="AP"/>
        <xs:enumeration value="EM"/>
        <xs:enumeration value="AH"/>
        <xs:enumeration value="TT"/>
        <xs:enumeration value="FX"/>
        <xs:enumeration value="LS"/>
        <xs:enumeration value="FS"/>
        <xs:enumeration value="SO"/>
        <xs:enumeration value="EI"/>
    </xs:restriction>
</xs:simpleType>
<xs:complexType name="object_type">
    <xs:sequence>
        <xs:element name="geo_object" type="nts:geo_object_type">
            <xs:annotation>
                <xs:documentation>Geo Information of object</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="limitation" type="nts:limitation_type" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>Object limitation section</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<!--
==========================================
= definition of wrm_type, =
= used in definition of RIS_Message_Type =
==========================================
-->
<xs:complexType name="wrm_type">
    <xs:sequence>
        <xs:element name="internal_id" type="nts:internal_id_type" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Internal ID</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="nts_number" type="nts:nts_number_type" minOccurs="0">
            <xs:annotation>
                <xs:documentation>NtS Number</xs:documentation>
            </xs:annotation>
        </xs:element>
```

```
        <xs:element name="validity_period" type="nts:validity_period_type">
            <xs:annotation>
                <xs:documentation>Overall period of validity</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="geo_object" type="nts:geo_object_type">
            <xs:annotation>
                <xs:documentation>Object section</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="reference_code" type="nts:reference_code_enum" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Value reference (measurement reference)</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="measure" type="nts:measure_type" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>Measurements (normal or predicted values)</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<!--
========================================
= types used in definition of wrm_type =
========================================
-->
<xs:complexType name="measure_type">
    <xs:sequence>
        <xs:element name="predicted" type="xs:boolean">
            <xs:annotation>
                <xs:documentation>Predicted measurement (1 or true) or real measurement (0 or
                false)</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</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="value_min" type="xs:float" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Lowest value of confidence interval</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="value_max" type="xs:float" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Highest value of confidence interval</xs:documentation>
            </xs:annotation>
        </xs:element>
```

```
            <xs:element name="unit" type="nts:unit_enum" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Unit of the water related value</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="barrage_code" type="nts:barrage_code_enum" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Barrage status</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="regime_code" type="nts:regime_code_enum" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Regime applicable</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="measuredate" type="xs:dateTime">
                <xs:annotation>
                    <xs:documentation>Date and Time of measurement or predicted value including time
                    zone</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="difference" type="nts:difference_type" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Difference with comparative value</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <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"/>
            <!-- obsolete values due to CR 151 but still valid for backwards compatibility -->
            <xs:enumeration value="NOM"/>
        </xs:restriction>
    </xs:simpleType>
    <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>
```

```
<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>
<xs:complexType name="difference_type">
    <xs:sequence>
        <xs:element name="value_difference" type="xs:float">
            <xs:annotation>
                <xs:documentation>Difference with comparative value</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="time_difference" type="xs:duration">
            <xs:annotation>
                <xs:documentation>Time difference with measuredata of comparative
                measurement</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<!--
==========================================
= definition of icem_type, =
= used in definition of RIS_Message_Type =
==========================================
-->
<xs:complexType name="icem_type">
    <xs:sequence>
        <xs:element name="internal_id" type="nts:internal_id_type" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Internal ID</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="nts_number" type="nts:nts_number_type">
            <xs:annotation>
                <xs:documentation>NtS Number</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="validity_period" type="nts:validity_period_type">
            <xs:annotation>
                <xs:documentation>Overall period of validity</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="fairway_section" type="nts:fairway_section_type">
            <xs:annotation>
                <xs:documentation>Fairway section — the limitation inside the fairway section cannot be used in the
                ICEM</xs:documentation>
            </xs:annotation>
        </xs:element>
```

```
        <xs:element name="ice_condition" type="nts:ice_condition_type" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>Ice conditions</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<!--
========================================
= types used in definition of icem_type =
========================================
-->
<xs:complexType name="ice_condition_type">
    <xs:sequence>
        <xs:element name="measuredate" type="xs:dateTime">
            <xs:annotation>
                <xs:documentation>Date and Time of measurement or prediction including time
                zone</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="ice_condition_code" type="nts:ice_condition_code_enum" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Condition code</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="ice_accessibility_code" type="nts:ice_accessibility_code_enum" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Accessibility code </xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="ice_classification_code" type="nts:ice_classification_code_enum" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Classification code </xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="ice_situation_code" type="nts:ice_situation_code_enum" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Situation code </xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<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>
    <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>
    <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>
    <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>
```

```
<!--
==========================================
= definition of werm_type, =
= used in definition of RIS_Message_Type =
==========================================
-->
<xs:complexType name="werm_type">
    <xs:sequence>
        <xs:element name="internal_id" type="nts:internal_id_type" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Internal ID</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="nts_number" type="nts:nts_number_type" minOccurs="0">
            <xs:annotation>
                <xs:documentation>NtS Number</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="validity_period" type="nts:validity_period_type">
            <xs:annotation>
                <xs:documentation>Overall period of validity</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="fairway_section" type="nts:fairway_section_werm_type">
            <xs:annotation>
                <xs:documentation>Fairway section</xs:documentation>
            </xs:annotation>
        </xs:element>
        <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>
<!--
========================================
= types used in definition of werm_type =
========================================
-->
<xs:complexType name="fairway_section_werm_type">
    <xs:sequence>
        <xs:element name="geo_object" type="nts:geo_object_type">
            <xs:annotation>
                <xs:documentation>Geo Information of fairway</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
```

```
<xs:complexType name="weather_report_type">
    <xs:sequence>
        <xs:element name="measuredate" type="xs:dateTime" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Date and time of measurement or predicted value including time
                zone</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="forecast" type="xs:boolean">
            <xs:annotation>
                <xs:documentation>Forecast (true or 1) OR Actual report (false or 0)</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="weather_class_code" type="nts:weather_class_code_enum" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>Classification of weather report</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="weather_item" type="nts:weather_item_type" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>Weather items</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:simpleType name="weather_class_code_enum">
    <xs:restriction base="xs:string">
        <xs:maxLength value="6"/>
        <xs:enumeration value="CLR"/>
        <xs:enumeration value="CLDY"/>
        <xs:enumeration value="OCST"/>
        <xs:enumeration value="DZZL"/>
        <xs:enumeration value="RAIN"/>
        <xs:enumeration value="LRAIN"/>
        <xs:enumeration value="ORAIN"/>
        <xs:enumeration value="HRAIN"/>
        <xs:enumeration value="SLEET"/>
        <xs:enumeration value="SNOW"/>
        <xs:enumeration value="SNFALL"/>
        <xs:enumeration value="HAIL"/>
        <xs:enumeration value="SHWRS"/>
        <xs:enumeration value="THSTRM"/>
        <xs:enumeration value="HAZY"/>
        <xs:enumeration value="FOG"/>
        <xs:enumeration value="FOGPAT"/>
        <xs:enumeration value="GALE"/>
        <xs:enumeration value="STRM"/>
        <xs:enumeration value="HURRC"/>
        <xs:enumeration value="FZRA"/>
    </xs:restriction>
</xs:simpleType>
```

```
<xs:complexType name="weather_item_type">
    <xs:sequence>
        <xs:element name="weather_item_code" type="nts:weather_item_code_enum">
            <xs:annotation>
                <xs:documentation>Weather item type (Wind, Wave etc)</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="value_min" type="xs:float">
            <xs:annotation>
                <xs:documentation>Actual or Minimum value</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="value_max" type="xs:float" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Maximum value</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="value_gusts" type="xs:float" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Gusts value (Wind)</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="unit" type="nts:unit_enum" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Unit of the value</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="weather_category_code" type="nts:weather_category_code_enum" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Classification of wind report</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="direction_code_min" type="nts:weather_direction_code_enum" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Direction of wind or wave</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="direction_code_max" type="nts:weather_direction_code_enum" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Direction of wind or wave</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:simpleType name="weather_item_code_enum">
    <xs:restriction base="xs:string">
        <xs:maxLength value="2"/>
        <xs:enumeration value="WI"/>
        <xs:enumeration value="WA"/>
        <xs:enumeration value="FG"/>
        <xs:enumeration value="RN"/>
        <xs:enumeration value="SN"/>
        <xs:enumeration value="AT"/>
        <xs:enumeration value="WT"/>
    </xs:restriction>
</xs:simpleType>
```

```
<xs:simpleType name="weather_category_code_enum">
    <xs:restriction base="xs:string">
        <xs:maxLength value="2"/>
        <xs:enumeration value="0"/>
        <xs:enumeration value="1"/>
        <xs:enumeration value="2"/>
        <xs:enumeration value="3"/>
        <xs:enumeration value="4"/>
        <xs:enumeration value="5"/>
        <xs:enumeration value="6"/>
        <xs:enumeration value="7"/>
        <xs:enumeration value="8"/>
        <xs:enumeration value="9"/>
        <xs:enumeration value="10"/>
        <xs:enumeration value="11"/>
        <xs:enumeration value="12"/>
        <xs:enumeration value="13"/>
        <xs:enumeration value="14"/>
        <xs:enumeration value="15"/>
        <xs:enumeration value="16"/>
        <xs:enumeration value="17"/>
        <xs:enumeration value="18"/>
        <xs:enumeration value="19"/>
        <xs:enumeration value="20"/>
        <xs:enumeration value="21"/>
        <xs:enumeration value="22"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="weather_direction_code_enum">
    <xs:restriction base="xs:string">
        <xs:maxLength value="3"/>
        <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="WRB"/>
    </xs:restriction>
</xs:simpleType>
<!--
=====================================
= types used in several definitions =
=====================================
-->
<xs:simpleType name="internal_id_type">
    <xs:annotation>
        <xs:documentation>Internal ID — best practice: global unique identifier</xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
        <xs:maxLength value="64"/>
    </xs:restriction>
</xs:simpleType>
```

```
<xs:complexType name="nts_number_type">
    <xs:sequence>
        <xs:element name="organisation">
            <xs:annotation>
                <xs:documentation>Name of the publishing organisation (NtS Provider)</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="64"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="year">
            <xs:annotation>
                <xs:documentation>Year of first issuing of the notice</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:gYear">
                    <xs:minInclusive value="1900"/>
                    <xs:maxInclusive value="9999"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="number">
            <xs:annotation>
                <xs:documentation>Number of the notice (per year, starting with: 1, 0 shall not be used for published
                notices)</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:integer">
                    <xs:minInclusive value="00000000"/>
                    <xs:maxInclusive value="99999999"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="serial_number">
            <xs:annotation>
                <xs:documentation>Serial number of notice (replacements and withdrawals), original
                notice: 0</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:sequence>
</xs:complexType>
```

```
<xs:complexType name="validity_period_type">
    <xs:sequence>
        <xs:element name="date_start" type="xs:date">
            <xs:annotation>
                <xs:documentation>Start date of validity period including time zone</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="date_end" type="xs:date" minOccurs="0">
            <xs:annotation>
                <xs:documentation>End date of validity period including time zone</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="fairway_section_type">
    <xs:sequence>
        <xs:element name="geo_object" type="nts:geo_object_type">
            <xs:annotation>
                <xs:documentation>Geo information of fairway</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="limitation" type="nts:limitation_type" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>Fairway section limitations</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="geo_object_type">
    <xs:sequence>
        <xs:element name="id" type="nts:isrs_code_type" maxOccurs="2">
            <xs:annotation>
                <xs:documentation>ISRS Location Code of the fairway/object</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="name">
            <xs:annotation>
                <xs:documentation>Local name of the fairway section</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="256"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="type_code" type="nts:type_code_enum" default="FWY">
            <xs:annotation>
                <xs:documentation>Type of geographical object</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="position_code" type="nts:position_code_enum" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Describes the position related to the fairway</xs:documentation>
            </xs:annotation>
        </xs:element>
```

```
            <xs:element name="coordinate" type="nts:coordinate_type" minOccurs="0" maxOccurs="2">
                <xs:annotation>
                    <xs:documentation>Fairway section begin and end coordinates</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="fairway_name" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Waterway name (usefull if no RIS Index is available)</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="256"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:simpleType name="isrs_code_type">
        <xs:annotation>
            <xs:documentation>ISRS location code, unique identification of the geo object as defined in RIS Index
            encoding guide</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
            <xs:length value="20"/>
            <xs:pattern value="[A-Z]{2}[A-Z]{3}[A-Z0-9]{5}[A-Z0-9]{5}[0-9]{5}" />
        </xs:restriction>
    </xs:simpleType>
    <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:enumeration value="RES"/>
            <xs:enumeration value="LKB"/>
            <xs:enumeration value="BRO"/>
            <!--the following value is added due to CR 157-->
            <xs:enumeration value="BNS"/>
        </xs:restriction>
    </xs:simpleType>
    <xs:complexType name="coordinate_type">
        <xs:sequence>
            <xs:element name="lat">
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="10"/>
                        <xs:maxLength value="12"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="long">
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="10"/>
                        <xs:maxLength value="13"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <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>Kind of limitation</xs:documentation>
                </xs:annotation>
            </xs:element>
```

```
            <xs:element name="position_code" type="nts:position_code_enum" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Describes the position of the limitation related to the fairway</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="value" type="xs:float" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Value of limitation (i.e. max draught)</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="unit" type="nts:unit_enum" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Unit of the value of the limitation</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="reference_code" type="nts:reference_code_enum" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Value reference</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="indication_code" type="nts:indication_code_enum" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Minimum or maximum or reduced by</xs:documentation>
                </xs:annotation>
            </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:sequence>
    </xs:complexType>
    <xs:complexType name="limitation_period_type">
        <xs:sequence>
            <xs:element name="date_start" type="xs:date">
                <xs:annotation>
                    <xs:documentation>Start date of limitation period including time zone</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="date_end" type="xs:date" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>End date of limitation period including time zone</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="time_start" type="xs:time" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Start time of limitation period without time zone</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="time_end" type="xs:time" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>End time of limitation period without time zone</xs:documentation>
                </xs:annotation>
            </xs:element>
```

```
            <xs:element name="interval_code" type="nts:interval_code_enum" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Interval for limitation if applicable</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <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:enumeration value="WRD"/>
        </xs:restriction>
    </xs:simpleType>
    <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"/>
            <!-- the following value is added due to CR 128 -->
            <xs:enumeration value="LEADEP"/>
            <!-- the following value is added due to CR 148 -->
            <xs:enumeration value="NOBERT"/>
        </xs:restriction>
    </xs:simpleType>
    <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:enumeration value="RY"/>
            <xs:enumeration value="GY"/>
        </xs:restriction>
    </xs:simpleType>
    <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:enumeration value="HBO"/>
        </xs:restriction>
    </xs:simpleType>
    <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>
    <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 (vessel type)</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, or both</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <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:enumeration value="WOC"/>
            <xs:enumeration value="MOV"/>
            <xs:enumeration value="NMV"/>
        </xs:restriction>
    </xs:simpleType>
    <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>
```

```
    <xs:simpleType name="unit_enum">
        <xs:restriction base="xs:string">
            <xs:maxLength value="4"/>
            <xs:enumeration value="cm"/>
            <xs:enumeration value="m³/s"/>
            <xs:enumeration value="h"/>
            <xs:enumeration value="km/h"/>
            <xs:enumeration value="kW"/>
            <xs:enumeration value="m/s"/>
            <xs:enumeration value="mm/h"/>
            <xs:enumeration value="°C"/>
        </xs:restriction>
    </xs:simpleType>
</xs:schema>
```

Appendix D

```
<?xml version="1.0" encoding="UTF-8"?>
<wsdl:definitions
   xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
   xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
   xmlns:http="http://schemas.xmlsoap.org/wsdl/http/"
   xmlns:xs="http://www.w3.org/2001/XMLSchema"
   xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
   xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/"
   xmlns:nts="http://www.ris.eu/nts/4.0.4.0"
   xmlns:tns="http://www.ris.eu/nts.ms/2.0.4.0"
   targetNamespace="http://www.ris.eu/nts.ms/2.0.4.0"
   name="NtS-Message-Service">
   <!--
      = specification of types =
   -->
   <wsdl:types>
   <!--
      = xml-schema for types =
   -->
      <xs:schema
         targetNamespace="http://www.ris.eu/nts.ms/2.0.4.0"
         xmlns:xs="http://www.w3.org/2001/XMLSchema"
         xmlns:nts="http://www.ris.eu/nts/4.0.4.0"
         xmlns:nts-ms="http://www.ris.eu/nts.ms/2.0.4.0"
         elementFormDefault="qualified"
         attributeFormDefault="unqualified"
         version="2.0.4.0">
         <!-- import NtS schema -->
         <xs:import
            namespace="http://www.ris.eu/nts/4.0.4.0"
            schemaLocation="http://www.ris.eu/nts/4.0/NtS_XSD_V.4.0.4.0.xsd"/>
         <!-- query with filters, parameters according to the NtS standard -->
         <xs:element name="get_messages_query">
            <xs:complexType>
               <xs:sequence>
                  <!-- type of message (FTM, WRM, ICEM, WERM) -->
                  <xs:element name="message_type" type="nts-ms:message_type_type"/>
                  <!-- ISRS codes for fairway sections or objects -->
                  <xs:element name="ids" type="nts-ms:id_pair" minOccurs="0"
                  maxOccurs="unbounded"/>
                  <!-- time of validity -->
                  <xs:element name="validity_period" type="nts:validity period type"
                  minOccurs="0"/>
                  <!-- date of publication of the notice -->
                  <xs:element name="dates_issue" type="nts-ms:date_pair"
                  minOccurs="0" maxOccurs="unbounded"/>
                  <!-- optional parameter for paging mechanism -->
                  <xs:element name="paging_request"
                  type="nts-ms:paging_request_type" minOccurs="0"/>
               </xs:sequence>
            </xs:complexType>
         </xs:element>
```

```
<!-- result to query – can contain
   – "nts:RIS_MessageType", arbitrary number, defined in the NtS-xsd (see
     www.ris.eu)
   – "nts-ms:error_code_type", arbitrary number, defined in this schema
   – "nts-ms:paging_result_type", optional, defined in this schema -->
<xs:element name="get_messages_result">
   <xs:complexType>
      <xs:sequence>
         <xs:element name="result_message" type="nts:RIS_Message_Type"
         minOccurs= "0" maxOccurs="unbounded"/>
         <xs:element name="result_error" type="nts-ms:error_code_type"
         minOccurs= "0" maxOccurs="unbounded"/>
         <xs:element name="paging_result" type="nts-ms:paging_result_type"
         minOccurs="0"/>
      </xs:sequence>
   </xs:complexType>
</xs:element>
<!-- type definitions used in request -->
<xs:simpleType name="message_type_type">
   <xs:restriction base="xs:string">
      <xs:enumeration value="FTM"/>
      <xs:enumeration value="WRM"/>
      <xs:enumeration value="ICEM"/>
      <xs:enumeration value="WERM"/>
   </xs:restriction>
</xs:simpleType>
<xs:complexType name="id_pair">
   <xs:sequence>
      <xs:element name="id" type="nts:isrs_code_type" minOccurs="1"
      maxOccurs="2" />
   </xs:sequence>
</xs:complexType>
<xs:complexType name="date_pair">
   <xs:sequence>
      <xs:element name="date_start" type="xs:date"/>
      <xs:element name="date_end" type="xs:date" minOccurs="0"/>
   </xs:sequence>
</xs:complexType>
<xs:complexType name="paging_request_type">
   <xs:sequence>
      <xs:element name="offset" type="xs:nonNegativeInteger"/>
      <xs:element name="limit" type="xs:nonNegativeInteger"/>
      <xs:element name="total_count" type="xs:boolean"/>
   </xs:sequence>
</xs:complexType>
<!-- type definitions used in response -->
<xs:simpleType name="error_code_type">
   <xs:restriction base="xs:string">
      <xs:enumeration value="e010">
         <xs:annotation>
            <xs:documentation>Description: message type not supported,
            Explanation: web service does not support the requested message
            type</xs:documentation>
         </xs:annotation>
      </xs:enumeration>
```

```
        <xs:enumeration value="e030">
          <xs:annotation>
            <xs:documentation>Description: paging parameters inconsistent
            with messages, Explanation: parameters for paging mechanism do not
            fit the available messages, e.g. Offset >= Total Count
            </xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="e100">
          <xs:annotation>
            <xs:documentation>Description: syntax error in request,
            Explanation: request violates the schema for requests
            </xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="e110">
          <xs:annotation>
            <xs:documentation>Description: incorrect message type,
            Explanation: given message type is not known</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="e120">
          <xs:annotation>
            <xs:documentation>Description: incorrect type-specific
            parameters, Explanation: type-specific parameters are erroneous
            </xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="e130">
          <xs:annotation>
            <xs:documentation>Description: incorrect paging parameters,
            Explanation: given parameters for the paging mechanism are
            erroneous</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="e200">
          <xs:annotation>
            <xs:documentation>Description: operation not known, Explanation:
            the requested operation is unknown</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="e300">
          <xs:annotation>
            <xs:documentation>Description: data source unavailable,
            Explanation: data source of the web service for the NtS data is
            temporarily unavailable</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="e310">
          <xs:annotation>
            <xs:documentation>Description: too many results for request,
            Explanation: server is unable to handle number of results
            </xs:documentation>
          </xs:annotation>
        </xs:enumeration>
      </xs:restriction>
    </xs:simpleType>
```

```
            <xs:complexType name="paging_result_type">
               <xs:sequence>
                  <xs:element name="offset" type="xs:nonNegativeInteger"/>
                  <xs:element name="count" type="xs:nonNegativeInteger"/>
                  <xs:element name="total_count" type="xs:nonNegativeInteger"
                  minOccurs="0"/>
               </xs:sequence>
            </xs:complexType>
         </xs:schema>
      </wsdl:types>
      <!--
         = specification of messages =
      -->
      <wsdl:message name="get_messages_request">
         <wsdl:part name="parameters" element="tns:get_messages_query"/>
      </wsdl:message>
      <wsdl:message name="get_messages_response">
         <wsdl:part name="parameters" element="tns:get_messages_result"/>
      </wsdl:message>
      <!--
         = specification of port type =
      -->
      <wsdl:portType name="NtS_message_service">
         <wsdl:operation name="get_messages">
            <wsdl:input message="tns:get_messages_request"/>
            <wsdl:output message="tns:get_messages_response"/>
         </wsdl:operation>
      </wsdl:portType>
      <!--
         = specification of binding =
      -->
      <wsdl:binding name="NtS_message_service_soap_binding" type="tns:
      NtS_message_service">
         <soap:binding style="document"
         transport="http://schemas.xmlsoap.org/soap/http"/>
         <wsdl:operation name="get_messages">
            <soap:operation soapAction="http://www.ris.eu/nts.ms/get_messages"/>
            <wsdl:input>
               <soap:body use="literal"/>
            </wsdl:input>
            <wsdl:output>
               <soap:body use="literal"/>
            </wsdl:output>
         </wsdl:operation>
      </wsdl:binding>
      <!--
         = specification of service =
      -->
      <wsdl:service name="NtS_message_service_service">
         <wsdl:port name="NtS_message_service"
         binding="tns:NtS_message_service_soap_binding">
            <soap: address location="http://nts-ms.example.org/NtS_message_service"/>
         </wsdl:port>
      </wsdl:service>
   </wsdl:definitions>
```

TAGS

XML Tag	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
RIS_message	NtS message	NtS съобщение	Mensaje NtS	Zpráva NtS	NtS-meddelelse	NtS Nachricht	NtS teade	Μήνυμα NtS (Σύστ. Πληρ. Εσ. Ναυσ.)	Message NtS	NtS poruka	messaggio NtS	NtS ziņojums	NtS pranešimas
Identification	Identification section	Идентификационен раздел	Sección de identificación	Identifikační úsek	Identifikationsrubrik	Identifikationsabschnitt	Identifitseerimise jaotis	Τμήμα αναγνώρισης	Identification	Identifikacijski dio	identificazione del tratto	Identifikācija	Identifikavimas
From	Sender of the message	Подател	Remitente	Odesilatel	Afsender	Absender	Teate saatja	Αποστολέας του μηνύματος	Expéditeur du message	Pošiljatelj	mittente del messaggio	Nosūtītājs	Pranešimo siuntėjas
Originator	Originator of the information	Автор на информацията	Origen de la información	Autor zprávy	Informationskilde	Urheber der Nachricht	Teavitaja	Προέλευση των πληροφοριών	Origine de l'information	Izvor informacija	origine dell'informazione	Informācijas autors	Informacijos pateikėjas
Country_code	Country where message is valid	Държава, в която е валидно съобщението	País en que el mensaje es válido	Dotčená země	Berørt land	Betroffenes Land	Riik, kus teade kehtib	Χώρα ισχύος του μηνύματος	Pays où le message est valide	Država gdje poruka vrijedi	Stato interessato	Ziņojuma valsts	Šalis, kurioje galioja pranešimas
Language_code	Original language	Оригинален език	Lengua original	Originální jazyk	Originalsprog	Originalsprache	Algkeel	Πρωτότυπη γλώσσα	Langue d'origine	Originalni jezik	lingua originale	Ziņojuma valoda	Originalo kalba
District	District/region within country	Регион от държавата	Región del país	Dotčená oblast v zemi	Berørt region/område	Betroffenes Gebiet im Land	Riigi piirkond	Περιοχή/περιφέρεια χώρας	Région	Područje unutar države	area/regione interessata	Rajons/ valsts reģions	Rajonas / regionas šalyje
Date_issue	Date of issue	Дата на издаване	Fecha de emisión	Datum vydání	Offentliggørelsesdato	Herausgabedatum	Väljaandmise kuupäev	Ημερομηνία έκδοσης	Date de publication	Datum izdavanja	data di emissione	Sastādīšanas datums	Išdavimo data
Time_issue	Time of issue	Час на издаване	Hora de emisión	Čas vydání	Offentliggørelsestidspunkt	Herausgabezeit	Väljaandmise kellaaeg	Ώρα έκδοσης	Heure de publication	Vrijeme izdavanja	orario di emissione	Sastādīšanas laiks	Išdavimo laikas
Ftm	Fairway and traffic related message	Известие до корабоводителите	Mensaje sobre vía navegable y tráfico	Zpráva týkající se vodních cest a provozu	Farvands- og trafikrelaterede meddelelser	Wasserstraßen- und verkehrsbezogene Nachricht	Teated faaravaatri ja liikluse kohta	Μήνυμα σχετικά με δίαυλο και κυκλοφορία	Message lié à la voie d'eau et au trafic	Priopćenje brodarstvu	messaggio relativo a canale navigabile e traffico	Ziņojums par kuģu ceļu un satiksmi	Su farvateriu ir laivų eismu susijęs pranešimas
NtS_number	Number section	Номер на секция	Número de la sección	Číslo sekce	Nummerrubrik	Nummerierungsabschnitt	Numbri osa	Τμήμα αρίθμησης	Numéro	Odjeljak za broj poruke	numero del tratto	Numuru sadaļa	Numeris
Organisation	Publishing organisation	Издаваща организация	Organización que publica el mensaje	Vydávající organizace	Offentliggørende organisation	Herausgebende Organisation	Väljaandev organisatsioon	Οργανισμός έκδοσης	Entité émettrice	Organizacija	organizzazione emittente	Publicējošā organizācija	Skelbianti organizacija

XML Tag	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
Year	Year	Година	Año	Rok	År	Jahr	Aasta	Έτος	Année	Godina	anno	Gads	Metai
Number	Number (of the notice)	Номер	Número (del aviso)	Číslo zprávy	(Meddelelsens) nr.	Nummer (der Nachricht)	(Teatise) number	Αριθμός (μηνύματος)	Numéro (de l'avis)	Broj (poruke)	numero (dell'avviso)	(Ziņojuma) numurs	Numeris (pranešimo)
Serial_number	Serialnumber	Сериен номер	Número de serie	Číslo verze	Serienummer	Versionsnummer	Seerianumber	Αύξων αριθμός	Numéro de série	Serijski broj	numero progressivo	Sērijas numurs	Serijos numeris
Target_group	Information about target group	Информация за група получатели	Información sobre el usuario destinatario	Cílová skupina	Målgruppe — strækning	Information zur Zielgruppe	Sihtrühma jaotis	Τμήμα στοχευόμενης ομάδας	Type d'usagers concernés	Ciljana skupina	gruppo destinatario	Mērķgrupa	Tikslinė grupė
Target_group_code	Target group	Код на групата получатели	Código usuario destinatario	Kód cílové skupiny	Kode for målgruppe	Zielgruppe	Sihtrühma kood	Κωδικός στοχευόμενης ομάδας	Code usagers concernés	Oznaka ciljane skupine	codice gruppo destinatario	Mērķgrupas kods	Tikslinės grupės kodas
Direction_code	Affected direction	Код за направление	Dirección tráfico	Směr	Kode for sejlretning	Betroffene Richtung	Sõidusuuna kood	Κωδικός κατεύθυνσης κυκλοφορίας	Sens de parcours	Oznaka smjera prometa	codice direzione traffico	Satiksmes virziena kods	Eismo krypties kodas
Subject_code	Subject	Тема	Asunto	Předmět	Emne	Betrifft	Teema	Θέμα	Sujets de l'avis	Predmet	codice oggetto	Ziņojuma temats	Tema
Validity_period	Period of validity	Срок на валидност	Período de validez	Doba platnosti	Gyldighedsperiode	Gültigkeitszeitraum	Kehtivusaeg	Περίοδος ισχύος	Période de validité	Rok valjanosti	periodo di validità	Derīguma termiņš	Galiojimo laikas
Date_start	From	От дата	De	Od	Startdato	Ab	Alates	Από	Date de début	Od	da (aaaammgg)	No	Nuo
Date_end	Until	До дата	A	Do	Slutdato	Bis	Kuni	Έως	Date de fin	Do	fino a (aaaammgg)	Līdz	Iki
Contents	Additional information	Съдържание	Contenido	Text	Indhold	Ergänzende Informationen	Sisu	Περιεχόμενα	Contenu	Sadržaj	testo	Saturs	Turinys
Source	Notice source (authority)	Официален източник на известието	Fuente del aviso (autoridad)	Vydavatel zprávy	Infokilde (myndighed)	Herausgeber der Nachricht	Teatise allikas (ametiasutus)	Προέλευση μηνύματος (Αρχή)	Source	Izvor priopćenja	fonte dell'avviso (autorità)	Informācijas avots (iestāde)	Pranešimo šaltinis (institucija)
Reason_code	Reason of notice	Причина за известието	Motivo del aviso	Důvod zprávy	Årsag til meddelelse	Grund der Nachricht	Teatise põhjus	Αιτία μηνύματος	Evènement	Razlog priopćenja	motivazione	Ziņojuma iemesls	Pranešimo paskirtis
Communication	Communication information	Информация за комуникация	Sección comunicación	Informace o komunikačním kanále	Kommunikationsdel	Information zu Kommunikationswegen	Teabevahetuse jaotis	Τμήμα επικοινωνίας	Canal d'information	Informacije o komunikacijskom kanalu	comunicazione	Paziņojums	Ryšio kanalas

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Reporting_code	Reporting regime	Режим за известяване	Régimen de notificación	Režim hlášení	Rapporteringskanal	Meldungsart	Aruandluse kord	Καθεστώς αναφοράς	Obligation de s'annoncer	Režim javljanja	regime di segnalazione	Paziņojuma veids	Pranešimo režimas
Communication_code	Means of communication	Средство за свръзка	Medio de comunicación	Prostředky komunikace	Kommunikationsmiddel	Kommunikationsweg	Sidevahendid	Μέσο επικοινωνίας	Moyen de communication	Sredstvo komunikacije	mezzo di comunicazione	Saziņas līdzekļi	Ryšio priemonės
Number (Communication section)	Number or address	Номер или адрес	Número o dirección	Číslo nebo adresa	Nr. eller adresse	Nummer oder Adresse	Number või aadress	Αριθμός ή διεύθυνση	Numéro ou adresse	Broj ili adresa	numero o indirizzo	Numurs vai adrese	Numeris arba adresas
Fairway_section	Waterway or waterway section	Плавателен воден път или негов участък	Vía navegable o tramo	Úsek vodní cesty	Vandvejs- eller farvandsstrækning	Wasserstraße oder -abschnitt	Veetee või faarvaatri jaotis	Τμήμα πλωτής οδού ή διαύλου	Voie ou section de voie	Dionica vodnog ili plovnog puta	tratto idrovia o canale navigabile	Ūdensceļš vai kuģu ceļš	Vandens kelias arba vandens kelio ruožas
Geo_object	Location	Географска информация за водния път или обекта	Ubicación	Geografické informace o vodní cestě nebo objektu	Position	Geoinformation	Geo-teave veetee või objekti kohta	Γεωγραφικές πληροφορίες πλωτής οδού ή αντικειμένου	Objet géo-référencé	Geografske informacije o vodnom putu ili objektu	definizione geografica dell'idrovia o dell'oggetto	Ģeogrāfiskā informācija par ūdensceļu vai objektu	Geografinė informacija apie vandens kelią arba objektą
Id (Geo_Object section)	ISRS Location Code	Идентификация (на географския обект)	Código de posición ISRS	Identifikace	ISRS Location Code	ISRS Location Code	Identifitseerimine	Στοιχεία αναγνώρισης	Identifiant	Identifikacija	identificativo oggetto geografico	Identifikācija	Identifikavimo kodas
Name (Geo_Object section)	Name of object	Наименование на географския обект	Denominación de objeto geográfico	Název geografického objektu	Navn på objekt	Name	Geo-objekti nimi	Ονομασία γεωγραφικού αντικειμένου	Toponyme	Ime geo objekta	denominazione dell'oggetto geografico	Ģeogrāfiskā objekta nosaukums	Geografinio objekto pavadinimas
Type_code (Geo_Object section)	Type	Тип на географския обект	Tipo de vía navegable	Typ objektu	Type	Objekttyp	Veetee tüüp	Τύπος πλωτής οδού	Type	Vrsta objekta	tipo di idrovia	Ūdensceļa veids	Vandens kelio tipas
Coordinate	Coordinates	Координати на началото и края на участъка от фарватера	Coordenadas	Souřadnice počátečních a koncových bodů	Koordinater	Koordinaten	Faarvaatri algus- ja lõppkoordinaadid	Γεωγραφικές συντεταγμένες αρχής και τέλους διαύλου	Coordonnées	Koordinate početka i kraja plovnog puta	coordinate dei punti di delimitazione del tratto navigabile	Kuģu ceļa sākuma un beigu koordinātas	Farvaterio pradžios ir pabaigos koordinatės
Lat (Coordinate)	Latitude	Географска ширина (в десетична стойност)	Latitud	Zeměpisná šířka (desetinné číslo)	Breddegrad	Breitengrad	Laiuskraad (kümnendmurd)	Γεωγραφικό πλάτος (δεκαδικά)	Latitude (décimale)	Geografska širina (decimalno)	latitudine (decimali)	Platums (decimāldaļskaitlis)	Platuma (dešimtųjų tikslumu)
Long (Coordinate)	Longitude	Географска дължина (в десетична стойност)	Longitud	Zeměpisná délka (desetinné číslo)	Længdegrad	Längengrad	Pikkuskraad (kümnendmurd)	Γεωγραφικό μήκος (δεκαδικά)	Longitude (décimale)	Geografska dužina (decimalno)	longitudine (decimali)	Garums (decimāldaļskaitlis)	Ilguma (dešimtųjų tikslumu)

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Limitation	Limitation	Раздел за ограничения	Limitación	Druh omezení	Begrænsning	Einschränkung	Piirangu jaotis	Τμήμα περιορισμών	Restriction	Ograničenja	limitazione	Ierobežojums	Apribojimo būdas
Limitation_period	(Limitation) periods/intervals	Срок на действие на ограничението	(Limitación) períodos /intervalos	(omezení) období/interval	(Begrænsning) perioder/tidsintervaller	Zeitliche Gültigkeit der Einschränkung	(Piirangu) perioodid/intervallid	(Περιορισμοί) περίοδοι/διαστήματα	Période de restriction	Trajanje (ograničenja)	durata della limitazione	(Ierobežojuma) darbības laiks/ intervāli	(Apribojimo) laikotarpis / intervalas
Date_start (Limitation_period)	From	От дата	De	Od	Fra	Ab	Alates	Από	Date de début	Od	da (aaaammgg)	No	Nuo
Date_end (Limitation_period)	Until	До дата	A	Do	Til	Bis	Kuni	Έως	Date de fin	Do	fino a (aaaammgg)	Līdz	Iki
Time_start (Limitation_period)	From (hh:mm)	От час (ччмм)	De (hhmm)	Od (hhmm)	Fra kl. (tt:mm)	Ab (hh:mm)	Alates (ttmm)	Από (ωωλλ)	Heure de début (hh:mm)	Od (hh:mm)	dalle (hhmm)	No (hhmm)	Nuo (hh:mm)
Time_end (Limitation_period)	Until (hh:mm)	До час (ччмм)	A (hhmm)	Do (hhmm)	Til kl. (tt:mm)	Bis (hh:mm)	Kuni (ttmm)	Έως (ωωλλ)	Heure de fin (hh:mm)	Do (hh:mm)	alle (hhmm)	Līdz (hhmm)	Iki (hh:mm)
Interval_code (Limitation_period)	Interval	Интервал	Intervalo	Interval	Interval	Intervall	Intervall	Συχνότητα	Périodicité	Interval	periodicità	Intervāls	Intervalas
Limitation_code	Kind of limitation	Вид на ограничението	Tipo de limitación	Druh omezení	Begrænsningens art	Art der Einschränkung	Piirangu liik	Είδος περιορισμών	Code de la restriction	Vrsta ograničenja	tipo di limitazione	Ierobežojuma veids	Apribojimo rūšis
Position_code	Position	Позиция	Posición	Poloha (omezení)	Position	Lage	(Piirangu) positsioon	Στίγμα των περιορισμών	Position	Pozicija (ograničenja)	localizzazione (della limitazione)	(Ierobežojuma) pozīcija	(Apribojimo) pozicija
Value	Numerical value	Числова стойност	Valor numérico	Číselný hodnota (omezení)	Numerisk værdi	Zahlenwert	(Piirangu) arväärtus	Αριθμητική τιμή (περιορισμών)	Valeur	Brojčana vrijednost (ograničenja)	attributo numerico (della limitazione)	(Ierobežojuma) skaitliskā vērtība	(Apribojimo) skaitinė vertė
Unit	Unit	Мерна единица	Unidad	Jednotka	Enhed	Einheit	Ühik	Μονάδα	Unité	Jedinica	unità di misura	Mērvienība	Vienetai
Fairway_name	Waterway	Име на воден път	Vía navegable	Vodní cesta	Vandvej	Wasserstraße	Veetee	Ονομασία της πλωτής οδού	Nom de la voie d'eau	Plovni put	via navigabile	Ūdensceļš	Vandens kelias
Reference_code	Value reference	Код за справка	Referencia	Jednotka	Referenceværdi	Bezugssystem	Väärtuse viide	Τιμή αναφοράς	Référentiel de la valeur	Referentna vrijednost	parametro di riferimento	Atsauces vērtība	Atskaitos sistema

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Indication_code	Indication of limitation	Означение за ограничение	Indicación de limitación	Indikace omezení	Angivelse af begrænsning	Hinweis zum Einschränkungswert	Märge piirangu kohta	Ένδειξη περιορισμών	Indication de la restriction	Oznaka ograničenja	indicazione del valore di limitazione	Ierobežojuma norāde	Apribojimo rodmenys
Object	Object	Обект	Objeto	Objekt	Objekt	Objekt	Objekt	Αντικείμενο	Objet	Objekt	oggetto	Objekts	Objektas
Geo_object section for an Object	Location	Географска информация за обекта	Ubicación	Geografická informace o objektu	Position	Geografische Definition des Objekts	Objekti geoteave	Γεωγραφικές πληροφορίες αντικειμένου	Géo-Objet de référence pour l'objet	Geografske informacije o objektu	oggetto — informazione geografica	Ģeogrāfiskā informācija par objektu	Objekto geografinė informacija
Type_code (Geo_object section)	Type of object	Тип на обекта	Tipo objeto	Typ objektu	Objekttype	Objekttyp	Objekti liik	Τύπος αντικειμένου	Type	Vrsta objekta	tipo di oggetto	Objekta tips	Objekto tipas
Coordinate (Geo_object section)	Object coordinates	Координати на географския обект	Coordenadas objeto	Souřadnice objektu	Objektets koordinater	Koordinaten des Objekts	Objekti koordinaadid	Γεωγραφικές συντεταγμένες αντικειμένου	Coordonnées *	Koordinate objekta	coordinate dell'oggetto	Objekta koordinātas	Objekto koordinatės
Wrm	Water related message	Съобщения за нивото на водата	Mensaje relativo al agua	Hlášení o vodním stavu	Vandstandsrelateret meddelelse	Wasserstandsmeldung	Teade veeolude kohta	Μήνυμα όσον αφορά τα ύδατα	Message de niveau d'eau	Poruka o stanju vodostaja	messaggio riguardante le acque	Informācija par ūdens līmeni	Informacija apie vandens lygį
Measure	Measurements (normal or predicted)	Измерени стойности (типични или прогнозни)	Medidas (reales o previstas)	Měření (normální nebo předpovědní)	Målingens art (målt eller prognose)	Messwerte bzw. Prognosewerte	Mõõtmised (tavapärased või prognoositavad)	Μετρήσεις (κανονικές ή προβλεπόμενες)	Mesures (réelles ou prévues)	Mjerenja (izmjerena ili prognozirana)	livello idrometrico (normale o previsto)	Mērījumu veids (normālais vai prognozētais)	Vandens lygio vertės (įprastos arba numatomos)
Predicted	Prediction	Прогноза	Previsión	Předpověď	Prognose	Vorhersage	Eeldus	Πρόβλεψη	prévu	Prognoza	previsione	Prognoze	Prognozė
Measure_code	Kind of water related information	Тип на измерванията на водата	Tipo de información relativa al agua	Druh hlášení o vodním stavu	Art vandstandsoplysning	Art der Wasserstandsmeldung	Veeolusid käsitleva teate liik	Πληροφορίες όσον αφορά το είδος των υδάτων	Code de la mesure	Vrsta informacije o vodostaju	tipo di informazione idrometrica	Veids informācijai par ūdens līmeni	Pranešimo apie vandens lygį rūšis
Difference	Difference to previous value	Разлика спрямо предишна стойност	Diferencia con respecto al valor anterior	Rozdíl vůči předcházející hodnotě	Ændring i forhold til forrige	Abweichung zum vorherigen Wert	Erinevus	Διαφορά	Différence	Razlika	differenza	Starpība	Skirtumas
Value_difference	value difference to comparative measurement	Разлика в стойността спрямо сравнителното измерване	Diferencia de valor con respecto a la medida comparativa	Rozdíl vůči porovnávacímu měření	Værdiforskel i forhold til komparativ måling	Differenz zur Vergleichsmessung	Väärtuse erinevus võrdlusmõõdust	Διαφορά τιμής ως προς συγκριτική μέτρηση	Différence de valeur	Razlika u vrijednosti	differenza di valore in seguito a misurazione comparativa	Salīdzinošā mērījuma vērtību starpība	lyginamojo matavimo verčių skirtumas
Time_difference	time difference to comparative measurement	Разлика във времето спрямо сравнително измерване	Diferencia de tiempo con respecto a la medida comparativa	Časový rozdíl vůči porovnávacímu měření	Tidsforskel i forhold til komparativ måling	Zeitdifferenz zur Vergleichsmessung	Aja erinevus võrdlusmõõdust	Χρονική διαφορά ως προς συγκριτική μέτρηση	Différence de temps	Razlika u vremenu	differenza di tempo in seguito a misurazione comparativa	Salīdzinošā mērījuma laika starpība	lyginamojo matavimo laiko skirtumas

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Barrage_code	Barrage	Бараж	Presa	Jez	Dæmning	Wehrstellung	Pais	Υδατοφράκτης	Barrage	Pregrada	sbarramento	Aizsprosts	Užtvara
Regime_code	Water regime	Воден режим	Régimen	Odtokový režim	Vandregime	Abflussregime	Veerežiim	Ροή υδάτων	Débit	Režim vodnog toka	regime idrico	Ūdens režīms	Vandens režimas
Measuredate	Measuredate	Дата на измерване	Fecha de medición	Datum měření	Dato for målingen	Messdatum	Mõõtmise kuupäev	Ημερομηνία μέτρησης	Date de mesure	Datum mjerenja	data del rilievo	Mērījuma datums	Matavimo data
Measuretime	Measuretime	Час на измерване	Hora de medición	Čas měření	Tidspunkt for målingen	Messzeit	Mõõtmise kellaaeg	Ώρα μέτρησης	Heure de mesure	Vrijeme mjerenja	orario del rilievo	Mērījuma laiks	Matavimo laikas
Icem	Ice message	Съобщения във връзка с ледохода	Mensaje hielo	Zpráva týkající se ledových jevů	Ismelding	Eismeldung	Teade jää kohta	Μήνυμα σχηματισμού πάγου	Message concernant la glace	Poruka o ledu	messaggio relativo alla presenza di ghiaccio	Ziņojums par ledu	Pranešimas apie ledą
Ice_condition	Ice condition on fairway	Състояние на леда	Estado hielo en vía navegable	Ledové podmínky	Isforhold for farvand	Eisverhältnisse im Fahrwasser	Jää seisund	Συνθήκες πάγου	Condition de glace	Stanje leda	condizione del ghiaccio sul canale navigabile	Ledus apstākļi	Ledo sąlygos farvateryje
Ice_condition_code	Ice condition	Код за състоянието на леда	Estado hielo	Ledové podmínky	Isforhold	Eisbeschaffenheit	Jää seisund	Συνθήκες πάγου	Condition de glace	Stanje leda	condizione del ghiaccio	Ledus apstākļi	Ledo sąlygos
Ice_accessibility_code	Accessibility	Условия за корабоплаване при наличие на ледоход	Accesibilidad	Splavnost	Farbarhed	Befahrbarkeit	Juurdepääsetavus	Προσβασιμότητα	Accessibilité	Plovnost	accessibilità	Pieejamība	Tinkamumas laivybai
Ice_classification_code	Ice classification	Класификация (описание) на леда	Clasificación hielo	Klasifikace ledu	Isklasse	Eisklasse	Jää klassifitseerimine	Ταξινόμηση πάγου	Classification de la glace	Klasifikacija leda	tipo di ghiaccio	Ledus klasifikācija	Ledo tipas
Ice_situation_code	Ice situation	Ледова обстановка	Situación hielo	Situace týkající se ledu	Issituation	Eissituation	Jää olukord	Κατάσταση πάγου	Limitations dues à la glace	Stanje leda	stato del ghiaccio	Ledus stāvoklis	Ledo būklė
Werm	Weather message	Съобщения за метеорологичната обстановка	Mensaje sobre condiciones meteorológicas	Zpráva o počasí	Vejrmeddelelse	Wettermeldung	Ilmasõnum	Μετεωρολογικό μήνυμα	Message météo	Vremenska poruka	messaggio meteorologico	Laikapstākļu ziņojums	Meteorologinis pranešimas
Weather_report	Weather report	Доклад за метеорологичната обстановка	Informe meteorológico	Stav počasí	Vejrrapport	Wetterbericht	Ilmateade	Μετεωρολογικό δελτίο	Bulletin météo	Vremenski izvještaj	bollettino meteorologico	Laikapstākļu pārskats	Meteorologinė suvestinė

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Forecast	Forecast	Прогноза	Previsión	Předpověď	Forudsigelse	Vorhersage	Prognoos	Πρόγνωση	Prévision	Prognoza	previsioni meteorologiche	Prognoze	Prognozė
Weather_class_code	Weather classification	Класификация за метеорологичната обстановка	Clasificación de las condiciones meteorológicas	Klasifikace počasí	Vejrklassificering	Wetterklassifizierung	Ilma klassifitseerimine	Ταξινόμηση καιρού	Classification de la météo	Klasifikacija vremena	classificazione meteorologica	Laikapstākļu klasifikācija	Oro sąlygų kodas
Weather_item	Weather information	Информация за метеорологичната обстановка	Información de las condiciones meteorológicas	Jednotka počasí	Vejroplysninger	Wetterinformation	Ilmateave	Πληροφορίες καιρού	Point météo	Podatak o vremenu	informazioni meteorologiche	Laikapstākļu informācija	Meteorologinis parametras
Weather_item_code	Weather item	Код на елемента на метеорологичната обстановка	Elemento meteorológico	Jednotka počasí	Vejrelement	Wettergegenstand	Ilma komponent	Στοιχείο καιρού	Code du point météo	Kod podatka o vremenu	codice informazioni meteorologiche	Laikapstākļu elements	Meteorologinio parametro kodas
Value_min	Minimal value	Минимална стойност	Valor mínimo	Minimální hodnota	Minimumsværdi	Tiefstwert	Miinimumväärtus	Minimal value	Valeur minimale	Minimalna vrijednost	valore minimo	Minimālā vērtība	Minimali vertė
Value_max	Maximal value	Максимална стойност	Valor máximo	Maximální hodnota	Maksimumsværdi	Höchstwert	Maksimumväärtus	Μέγιστη τιμή	Valeur maximale	Maksimalna vrijednost	valore massimo	Maksimālā vērtība	Maksimali vertė
Value_gusts	Gusts value	Стойност на поривите на вятъра	Valor ráfagas	Nárazová hodnota	Vindstødsværdi	Spitzenwert	Puhangute tugevus	Τιμή ριπών ανέμου	Valeur des rafales	Vrijednost udara vjetra	valore delle raffiche	Vēja brāzmu vērtība	Gūsių vertė
Weather_category_code	Weather category	Категория на метеорологичната обстановка	Categoría meteorológica	Kategorie počasí	Vejrkategori	Wetterkategorie	Ilma kategooria	Κατηγορία καιρού	Catégorie météo	Kategorija vremena	categoria condizioni meteorologiche	Laikapstākļu kategorija	Oro sąlygų kategorija
Direction_code_min	Direction from	Направление от	Dirección de	Směr od	Retning fra	Richtung von	Lähtesuund	Διεύθυνση από	Direction de	Smjer od	direzione da	Virziens no	Kryptis nuo
Direction_code_max	Direction to	Направление към	Dirección a	Směr k (ku)	Retning mod	Richtung bis	Sihtsuund	Διεύθυνση προς	Direction vers	Smjer prema	direzione verso	Virziens uz	Kryptis iki

TAGS

XML Tag	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
RIS_message	NtS üzenet	Messaġġ tal-NtS	NtS-bericht	Komunikat NtS	Mensagem NtS	Mesaj NtS	Správa NtS	sporočilo NtS	NtS-sanoma	NtS-meddelande	Сообщение NtS	NtS порука
Identification	Azonosítási szakasz	Sezzjoni ta' identifikazzjoni	Identificatiesectie	Sekcja identyfikacyjna	Secção identificação	Element de identificare	Identifikačná sekcia	segment za identifikacijo	Tunnisteosio	Identifieringsavsnitt	Идентификация	(Идентификациони део)
From	Az üzenet feladója	Speditur tal-messaġġ	Afzender van het bericht	Nadawca	Remetente	Expeditorul mesajului	Odosielateľ správy	pošiljatelj sporočila	Sanoman lähettäjä	Avsändare	Отправитель	Пошиљалац поруке
Originator	Az információ forrása	Oriġinatur tal-informazzjoni	Oorsprong van de informatie	Autor informacji	Autor	Autorul informațiilor	Pôvodca správy	izvor informacije	Tiedon lähde	Uppgiftslämnare	Источник информации	Порекло-извор информације
Country_code	Az ország, amelyben az üzenet érvényes	Pajjiż fejn il-messaġġ huwa validu	Land waar het bericht geldt	Kraj, którego dotyczy komunikat	País em que a mensagem é válida	Țara în care mesajul este valabil	Krajina platnosti správy	država, v kateri je sporočilo veljavno	Maa, jota sanoma koskee	Berört land	Код страны сообщения	Држава у којој порука важи
Language_code	Eredeti nyelv	Lingwa oriġinali	Oorspronkelijke taal	Język oryginału	Língua original	Limba de origine	Originálny jazyk	izvirni jezik	Alkuperäkieli	Originalspråk	Язык сообщения	Изворни језик
District	Az országon belüli terület/ régió	Distrett/reġjun fil-pajjiż	District/regio in een land	Region kraju	Divisão administrativa (do país)	Regiune	Región	okrožje/regija znotraj države	Kyseinen alue maassa	Distrikt/region	Область в стране	Област-регион у држави
Date_issue	Kiadás dátuma	Data tal-ħruġ	Datum van uitgifte	Data nadania	Data de emissão	Data emiterii	Dátum vydania	datum izdaje	Antamispäivä	Datum för utfärdande	Дата составления	Датум издавања
Time_issue	Kiadás ideje	Ħin tal-ħruġ	Tijd van uitgifte	Godzina nadania	Hora de emissão	Ora emiterii	Čas vydania	čas izdaje	Antamisaika	Tidpunkt för utfärdande	Время составления	Време издавања
Ftm	Hajósoknak szóló hirdetmény	Messaġġ relatat mal-kanali navigabbli u t-traffiku	Bericht met betrekking tot vaarwegen en verkeer	Komunikat dotyczący toru wodnego i ruchu	Mensagem via navegável e tráfego	Aviz către navigatori	Správa týkajúca sa vodnej cesty a premávky	sporočilo v zvezi s plovno potjo in prometom	Väylää tai liikennettä koskeva sanoma	Farleds- och trafikrelaterat meddelande	Сообщения касательно фарватера и движения судов	Порука у вези са пловним путем и саобраћајем
NtS_number	Számozási szakasz	Sezzjoni tan-numru	Nummersectie	Numer sekcji	Secção relativa ao número	Numărul avizului către navigatori	Číslo	segment za številko	Sanoman numero	Numreringsavsnitt	Номер извещения	
Organisation	Közzétevő szervezet	Organizzazzjoni pubblikatriċi	Uitgevende organisatie	Organ wydający	Organização de publicação	Organizația	Vydávajúca organizácia	organizacija, ki objavi sporočilo	Organisaatio	Utfärdare	Организация	
Year	Év	Sena	Jaar	Rok	Ano	Anul	Rok	leto	Vuosi	År	год	Година

XML Tag	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
Number	(A hirdetmény száma)	Numru (tal-avviż)	Nummer (van het bericht)	Numer (komunikatu)	Número (do aviso)	Numărul (avizului)	Číslo správy	številka (obvestila)	(Ilmoituksen) numero	(Meddelandets) nummer	номер	Број (Саопштења)
Serial_number	Sorozatszám	Numru tas-serje	Serienummer	Numer kolejny (wersji)	Número de série	Numărul de serie	Číslo verzie (série)	zaporedna številka	Sarjanumero	Serienummer	серийный номер	Серијски број
Target_group	Célcsoport szakasz	Informazzjoni dwar il-grupp fil-mira	Informatie over de doelgroep	Informacje o grupie odbiorców	Secção grupo-alvo	Grupul de utilizatori avuți în vedere	Informácie o cieľovej skupine	segment za ciljno skupino	Kohderyhmäosio	Målgrupp	группа получателей	(Део циљне групе)
Target_group_code	Célcsoport kód	Grupp fil-mira	Doelgroep	Kod grupy odbiorców	Código grupo-alvo	Codul grupului de utilizatori avuți în vedere	Cieľová skupina	koda ciljne skupine	Kohderyhmäkoodi	Kod för målgrupp	код группы получателей	Код циљне групе
Direction_code	Forgalmi irány kód	Direzzjoni affettwata	Desbetreffende richting	Kod kierunku ruchu	Sentido do tráfego	Codul sensului de circulație	Dotknutý smer	koda usmerjanja prometa	Liikenteen suunnan koodi	Kod för trafikriktning	код направления движения	Код смера пловидбе
Subject_code	Tárgy	Suġġett	Onderwerp	Temat	Matéria	Subiectul avizului	Predmet	predmet	Aihe	Ämne	тема сообщения	Код предмета
Validity_period	Érvényességi időszak	Perjodu ta' validità	Geldigheidsperiode	Okres ważności	Período de validade	Perioada de valabilitate	Doba platnosti	čas veljavnosti	Voimassaolo	Giltighetsperiod	срок действия	Рок важности
Date_start	Tól	Minn	Vanaf	od	De	Data de început	Od	od	Alkaa	Från	дата начала	Од (yyyymmdd)
Date_end	Ig	Sa	Tot	do	A	Data de sfârșit	Do	do	Päättyy	Till	дата окончания	До (yyyymmdd)
Contents	Tartalom	Informazzjoni addizzjonali	Aanvullende informatie	Treść	Conteúdo	Conținut	Text / Obsah	dodatne informacije	Sisältö	Innehåll	содержание	Садржај
Source	A hirdetmény kibocsátója (hatóság)	Sors tal-avviż (awtorità)	Bron van het bericht (autoriteit)	Źródło komunikatu (organ)	Fonte do aviso (autoridade)	Sursa avizului (autoritatea)	Zdroj správy	izvor obvestila (organ)	Ilmoituksen lähde (viranomainen)	Källa (myndighet)	Источник информации (официальный)	Извор Саопштења (орган)
Reason_code	A hirdetmény indoka	Raġuni ghall-avviż	Reden van het bericht	Przyczyna komunikatu	Motivo do aviso	Codul evenimentului	Dôvod správy	razlog za obvestilo	Ilmoituksen syy	Orsak till meddelandet	Причина извещения	Разлог Саопштења
Communication	Kommunikációs csatorna info szakasz	Informazzjoni ta' komunikazzjoni	Communicatie-informatie	Informacje o kanale łączności	Secção comunicação	Mijloc de comunicație	Informácie o komunikačnom kanáli	segment za sporočila	Viestintäosio	Kommunikationsavsnitt	Информация о средствах связи	Информације о комуникационом каналу
Reporting_code	A jelentést küldő rendszer	Sistema ta' rappurtar	Meldingsregime	Sposób meldowania	Regime de transmissão	Modul de raportare	Režim hlásení	način poročanja	Raportointijärjestelmä	Rapporteringsordning	Необходимость ответного сообщения	Режим извештавања

XML Tag	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
Communication_code	Kommunikációs eszköz	Mezz ta' komunikazzjoni	Communicatiemiddel	Środek łączności	Meio de comunicação	Codul mijlocului de comunicaţie	Komunikačné prostriedky	komunikacijska sredstva	Viestintävälineet	Kommunikationsmedel	Средства связи	Средство комуникације
Number (Communication section)	Szám vagy cím	Numru jew indirizz	Nummer of adres	Numer lub adres	Número ou endereço	Numărul adresei	Číslo alebo adresa	številka ali naslov	Numero tai osoite	Nummer eller adress	Контакты для связи	Број или адреса
Fairway_section	Víziút vagy hajóút szakasz	Passaġġ fuq l-ilma jew sezzjoni ta' passaġġ fuq l-ilma	Waterweg of waterwegsectie	Odcinek kanału żeglownego lub toru wodnego	Via navegável ou troço	Secţiunea de cale navigabilă sau şenal	Vodná cesta (alebo úsek plavebnej dráhy)	vodna pot ali odsek vodne poti	Vesiväylä tai väylänosa	Vattenväg eller avsnitt av vattenväg	Участок фарватера или навигационного пути	Деоница водног или пловног пута
Geo_object	a víziút vagy objektum geo információja	Pożizzjoni	Locatie	Dane geograficzne kanału żeglownego lub obiektu	Dados geográficos via navegável ou objeto	Informaţia geografică despre calea navigabilă sau obiect	Geografické informácie o vodnej ceste alebo o objekte	geo-informacije o vodni poti ali objektu	vesiväylän tai kohteen maantieteelliset tiedot	Geografisk information om vattenväg eller objekt	информация по данной части фарватера или навигационного пути	(Гео информација о водном путу или објекту)
Id (Geo_Object section)	Azonosítás	Kodiċi tal-Pożizzjoni ISRS	ISRS-locatiecode	Oznaczenie	Identificação	Identificator	Kód lokality ISRS	identifikacija ISRS	Tunnistetiedot	Identifiering	Обозначение	Идентификација
Name (Geo_Object section)	A földrajzi objektum neve	Isem l-oġġett	Naam van het object	Nazwa obiektu geograficznego	Designação do objeto georreferenciado	Numele obiectului geografic	Názov objektu	ime geo-objekta	Maantieteellisen kohteen nimi	Namn på geografiskt objekt	Название объекта	Назив гео објекта
Type_code (Geo_Object section)	Objektum típusa	Tip	Type	Typ obiektu	Tipo de via navegável	Tipul obiectului	Typ objektu	vrsta vodne poti	Vesiväylän tyyppi	Typ av vattenväg	Тип объекта	Тип гео објекта
Coordinate	A hajóút kezdetének és végének koordinátái	Koordinati	Coördinaten	Współrzędne początku i końca toru wodnego	Coordenadas extremos via navegável	Coordonatele începutului şi sfârşitului secţiunii	Súradnice	koordinate začetka in konca plovne poti	Väylän alku- ja loppukoordinaatit	Koordinater	Координаты начала и окончания части фарватера или навигационного пути	Почетне и крајње координате пловног пута
Lat (Coordinate)	Szélesség (decimális)	Latitudni	Breedtegraad	Szerokość (do dziesiętnej)	Latitude (decimal)	Latitudine (fracţiuni zecimale)	Zemepisná šírka (desatinné číslo)	zemljepisna širina	Leveysaste (desimaaliluku)	Latitud (decimal)	Широта	Географска ширина (децимално)
Long (Coordinate)	Hosszúság (decimális)	Lonġitudni	Lengtegraad	Długość (do dziesiętnej)	Longitude (decimal)	Longitudine (fracţiuni zecimale)	Zemepisná dĺžka (desatinné číslo)	zemljepisna dolžina	Pituusaste (desimaaliluku)	Longitud (decimal)	Долгота	Географска дужина (децимално)
Limitation	Korlátozott szakasz	Restrizzjoni	Beperking	Informacje o ograniczeniach	Secção restrições	Limitarea secţiunii	Obmedzenie	segment za omejitve	Rajoitusosio	Begränsningsavsnitt	Раздел ограничений	Ограничење

XML Tag	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
Limitation_ period	Korlátozási időszak/időtartam/ időköz	Perjodi/intervalli ta' (restrizzjoni)	Periode/tussentijd (van de beperking)	Czas obowiązywania ograniczeń	Restrição (período/intervalo)	Durata limitării	Čas (obdobie) obmedzenia	(omejitev) obdobja/intervali	(Rajoitus-)jaksot/ aikavälit	(Begränsning) perioder/intervaller	срок/интервал действия ограничений	(Ограничење) период/интервал
Date_start (Limitation_ period)	Tól	Minn	Vanaf	od	De	Data începerii	Od	od	Alkaa	Från	начало действия ограничения	Од (yyyymmdd)
Date_end (Limitation_ period)	Ig	Sa	Tot	do	A	Data sfârşirii	Do	do	Päättyy	Till	Дата окончания действия ограничения	До (yyyymmdd)
Time_start (Limitation_ period)	Tól (óra, perc)	Minn (hh:mm)	Vanaf (hh:mm)	od (hhmm)	De (hhmm)	Ora începerii (oomm)	Od (hhmm)	od (hhmm)	Alkaa (hhmm)	Från (hhmm)	Время (ччмм) начала	Од (hhmm)
Time_end (Limitation_ period)	Ig (óra, perc)	Sa (hh:mm)	Tot (hh:mm)	do (hhmm)	A (hhmm)	Ora terminării (oomm)	Do (hhmm)	do (hhmm)	Päättyy (hhmm)	Till (hhmm)	Время (ччмм) окончания	До (hhmm)
Interval_code (Limitation_ period)	Időköz	Intervall	Tussentijd	Okres	Intervalo	Interval	Interval	interval	Aikaväli	Intervall	Период ограничения	Интервал
Limitation_code	Korlátozás jellege	Tip ta' restrizzjoni	Soort beperking	Rodzaj ograniczenia	Tipo de restrição	Felul limitării	Druh obmedzenia	vrsta omejitve	Rajoituksen laatu	Typ av begränsning	Тип ограничения	Тип ограничења
Position_code	Korlátozás helye	Pożizzjoni	Positie	Położenie ograniczenia	Localização (da restrição)	Poziția	Poloha	položaj	(Rajoituksen) sijainti	(Begränsningens) position	Местоположение	Позиција (ограничења)
Value	Korlátozás számértéke	Valur numeriku	Numerieke waarde	Wartość numeryczna (ograniczenia)	Valor numérico (da restrição)	Valoare numerică	Číselná hodnota	numerična vrednost	(Rajoituksen) numeroarvo	(Begränsningens) numeriska värde	Величина ограничения	Нумеричка вредност (ограничења)
Unit	Mértékegység	Unità	Eenheid	jednostka	Unidade	Unitate	Jednotka	enota	Yksikkö	Enhet	Единица измерения величины	
Fairway_name	Vízi út	Passaġġ fuq l-ilma	Waterweg	Nazwa toru wodnego	Via navegável	Numele căii navigabile	Vodná cesta	vodna pot	Vesiväylän nimi	Vattenväg	Обозначение водного пути	
Reference_code	Egység	Referenza għall-valur	Waarde referentie	Układ odniesienia	Referência	Valoare de referință	Referencia	vrednost reference	Arvon referenssi	Referensvärde	Эталонная величина	Референтна вредност
Indication_code	Korlátozás jelzése	Indikazzjoni tar-restrizzjoni	Indicatie van de beperking	Oznaczenie ograniczenia	Indicação da restrição	Cod de indicare	Indikácia obmedzenia	označitev omejitve	(Rajoituksen) osoitus	Uppgift om begränsning	Индикация ограничения	Индикација ограничења
Object	Objektum	Oġġett	Object	Obiekt	Objeto	Obiect	Objekt	objekt	Kohde	Objekt	Объект	Објекат

XML Tag	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
Geo_object section for an Object	Az objektum földrajzi adatai	Pożizzjoni	Locatie	Dane geograficzne obiektu	Dados geográficos do objeto	Poziţionarea obiectului	Geografické informácie o objekte	geo-informacije o vodni poti ali objektu	kohteen maantieteelliset tiedot	Geografisk information om objekt	Геоинформация об объекте	(Гео информације објекта)
Type_code (Geo_object section)	Objektum típusa	Tip ta' oġġett	Soort object	Rodzaj obiektu	Tipo de objeto	Tipul obiectului	Typ objektu	vrsta objekta	kohteen tyyppi	Typ av objekt	Тип объекта	Тип гео објекта
Coordinate (Geo_object section)	Objektum koordinátái	Koordinati tal-oġġett	Coördinaten van het object	Współrzędne obiektu	Coordenadas do objeto	Coordonatele obiectului	Súradnice objektu	koordinate objekta	Kohteen koordinaatit	Objektets koordinater	Координаты объекта	Координате објекта
Wrm	Vízállás jelentés	Messaġġ relatat mal-ilma	Bericht met betrekking tot de waterstand	Komunikat dotyczący stanu wody	Mensagem relativa à água	Date despre apă	Správa o vodnom stave	sporočilo v zvezi z vodo	Vedenkorkeuteen liittyvä sanoma	Meddelande om vattennivån	Информация об уровне воды	Порука у вези са водостајем
Measure	Értékek meghatározása (mért v. előrejelzett)	Kejl (valuri normali jew imbassar)	Meetwaarden (normaal of voorspeld)	Rodzaj wartości (pomiar czy prognoza)	Valores (reais ou previstos)	Secţiunea de măsurare	Merania (normálne alebo predpovedané)	meritve (običajne ali predvidene)	Mittaukset (normaalit tai ennusteet)	Mätning (mätvärde eller beräkning)	Значение уровня воды (фактическое или ожидаемое)	Мерења (стварна или прогноза)
Predicted	Előrejelzés	Tbassir	Voorspelling	Prognoza	Previsão	Prognozat	Predpoveď	predvidevanje	Ennuste	Beräkning	Прогноз	Прогноза
Measure_code	A vízállás információ fajtája	Tip ta' informazzjoni relatata mal-ilma	Soort informatie over de waterstand	Rodzaj komunikatu o stanie wody	Tipo de informação relativa à água	Codul măsurătorilor	Druh správy o vodnom stave	informacije v zvezi z vrsto vode	Veteen liittyvän sanoman laji	Typ av meddelande om vattennivån	Тип информации об уровне воды	Врста информације у вези са водостајем
Difference	Eltérés	Differenza bi tqabbil mal-valur preċedenti	Verschil t.o.v. de vorige meting	Różnica	Diferença	Diferenţa	Rozdiel voči predchádzajúcej hodnote	razlika	Ero	Skillnad	Разница	Разлика
Value_difference	Értékbeli eltérés az összehasonlító méréshez képest	differenza fil-valur bi tqabbil mal-kejl kumparattiv	Waardeverschil t.o.v. vergelijkbare meting	Różnica wartości	Diferença de valor em relação à medição comparativa	Diferenţă de valoare	Rozdiel voči porovnávaciemu meraniu	razlika v vrednosti glede na primerjalno meritev	arvon ero vertailukelpoiseen mittaukseen nähden	Skillnad i värde mot jämförande mätning	Разница значений для сравнительной оценки	
Time_difference	Időbeli eltérés az összehasonlító méréshez képest	differenza fil-hin bi tqabbil mal-kejl kumparattiv	Tijdsverschil t.o.v. vergelijkbare meting	Różnica czasu	Diferença horária em relação à medição comparativa	Interval de timp	Časový rozdiel voči porovnávaciemu meraniu	razlika v času glede na primerjalno meritev	aikaero vertailukelpoiseen mittaukseen nähden	Skillnad i tid mot jämförande mätning	Временное различие для сравнительной оценки	
Barrage_code	Duzzasztómű	Milqgha	Stuw	Stan zapory	Barragem	Baraj	Hať	zapora	Avattava pato	Fördämning	Плотина	Преграда
Regime_code	Vízjárás	Rata tal-fluss tal-ilma	Waterregime	Stan wody	Regime	Nivelul apei	Vodný režim	vodni režim	Vedenkorkeussuhteet	Vattenordning	Водный режим	Водни режим
Measuredate	Mérés dátuma	Data tal-kejl	Meetdatum	Data pomiaru	Data medição	Data măsurării	Dátum merania	datum merjenja	Mittauspäivä	Datum för mätning	Дата измерения	Датум мерења (yyyymmdd)

XML Tag	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
Measuretime	Mérés időpontja	Ħin tal-kejl	Meettijd	Godzina pomiaru	Hora medição	Ora măsurării	Čas merania	čas merjenja	Mittausaika	Tidpunkt för mätning	Время измерения	Време мерења (hhmm)
Icem	Jégjelentés	Messaġġ dwar is-silġ	IJsbericht	Komunikat o lodzie	Mensagem gelo	Date privind gheaţa	Správy o ľadochode	sporočilo o ledu	Jäätilannetta koskeva sanoma	Meddelande om isförhållanden	Ледовые сообщения	Порука у вези са ледом
Ice_condition	Jégállapot	Kundizzjoni tas-silġ fuq il-kanal navigabbli	IJsconditie op de vaarweg	Lód	Estado do gelo	Condiţiile gheţii	Ľadové podmienky	stanje ledu na plovni poti	Jäätilanne	Isförhållanden	Ледовые условия	Стање леда
Ice_condition_code	Jégállapot	Kundizzjoni tas-silġ	IJsconditie	Stan lodu	Estado do gelo	Condiţiile gheţii	Ľadové podmienky	stanje ledu	Jäätilanne	Isförhållanden	Ледовая обстановка	Стање леда
Ice_accessibility_code	Hajózhatóság	Aċċessibbiltà	Toegankelijkheid	Dostępność	Acessibilidade	Accesibilitate	Dostupnosť	dostopnost	Ajettavuus	Farbarhet	Условия плавания во льдах	Пловност у условима леда
Ice_classification_code	Jég osztályozás	Klassifikazzjoni tas-silġ	IJsclassificatie	Klasyfikacja lodu	Classificação do gelo	Clasificarea gheţii	Klasifikácia ľadochodu	klasifikacija ledu	Jään luokittelu	Isklassificering	Тип плавания во льдах	Класификација леда
Ice_situation_code	Jéghelyzet	Sitwazzjoni tas-silġ	IJssituatie	Sytuacja lodowa	Restrições devidas à presença de gelo	Starea gheţii	Situácia ľadochodu	položaj ledu	Jäätilanne	Isläge	Ограничения плавания во льдах	Стање пловидбе у случају леда
Werm	Időjárás üzenet	Messaġġ relatat mat-temp	Bericht met betrekking tot het weer	Komunikat pogodowy	Mensagem meteorológica	Mesaj meteo	Správa o počasí	sporočilo o vremenu	Sääsanoma	Vädermeddelande	Метеорологические сообщения	Поруке у вези времена
Weather_report	Időjárás jelentés	Rapport tat-temp	Weerbericht	Raport pogodowy	Boletim meteorológico	Buletin meteo	Stav počasia	vremensko poročilo	Sääraportti	Väderrapport	Метеосводка	Извештај о времену
Forecast	Előrejelzés	Tbassir	Voorspelling	Prognoza	Previsão meteorológica	Prognoză	Predpoveď	napoved	Ennuste	Prognos	Прогноз	Прогноза
Weather_class_code	Időjárás besorolás	Klassifikazzjoni tat-temp	Weerclassificatie	Klasyfikacja pogody	Classificação meteorológica	Clasificarea vremii	Klasifikácia počasia	klasifikacija vremena	Sään luokittelu	Väderklassificering	Классификация метеоусловий	Класификација времена
Weather_item	Időjárás elem	Informazzjoni dwar it-temp	Weersinformatie	Prognoza pogody	Informação meteorológica	Felul vremii	Informácie o počasí	informacije o vremenu	Säätiedot	Väderinformation	Метеорологические элементы	Податак о времену
Weather_item_code	Időjárás elem kód	Attribut tat-temp	Weerelement	Przedmiot pogody	Elemento meteorológico	Componentă meteo	Predmet počasia	vremenski pojav	Sääelementti	Väderparameter	Тип метеорологического элемента	Код податка о времену

XML Tag	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
Value_min	Legkisebb érték	Valur minimu	Minimum-waarde	Wartość minimalna	Valor mínimo	Valoarea minimă	Minimálna hodnota	najnižja vrednost	Alin arvo	Minimivärde	Величина на данный момент или минимальная величина	Минимална вредност
Value_max	Legnagyobb érték	Valur massimu	Maximum-waarde	Wartość maksymalna	Valor máximo	Valoarea maximă	Maximálna hodnota	najvišja vrednost	Ylin arvo	Maximivärde	Максимальная величина	Максимална вредност
Value_gusts	Csúcsérték	Valur tal-buffuri rih	Windvlagen	Wartość podmuchu	Valor rajadas de vento	Valoarea în rafale	Nárazová hodnota	moč sunkov	Tuulen puuska	Värde för vindbyar	Величина порывов ветра	Јачина удара ветра
Weather_ category_ code	Időjárás típus	Kategorija tat-temp	Weercategorie	Kategoria pogody	Categoria meteorológica	Categoriile vremii	Kategória počasia	kategorija vremena	Säätyyppi	Väderkategori	Категория метеоусловий	Код категорије времена
Direction_ code_min	Irányba	Direzzjoni minn	Vanuit richting	Z kierunku	Direção de	Direcţia de la	Smer od	iz	Suunta (mistä)	Riktning från	Направление (ветра или волны) от	Смер од
Direction_ code_max	Irányból	Direzzjoni lejn	Naar richting	W kierunku	Direção para	Direcţia către	Smer k	v	Suunta (mihin)	Riktning mot	Направление (ветра или волны) к	Смер до

BARRAGE CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
CLD	Barrage Closed	Баражът е затворен	Presa cerrada	jez je uzavřen	Dæmning er lukket	Wehr ist geschlossen	Pais suletud	Κλειστός υδατοφράκτης	Barrage relevé	Brana zatvorena	sbarramento chiuso	Aizsprosts slēgts	Užtvara uždaryta
OPG	Barrage Opening	Баражът се отваря	Apertura de presa	jez se otvírá	Dæmning åbner	Wehr wird geöffnet	Paisu avamine	Υδατοφράκτης σε φάση ανοίγματος	Barrage se couchant	Brana se otvara	sbarramento in fase di apertura	Aizsprosts atveras	Užtvara atidaroma
CLG	Barrage Closing	Баражът се затваря	Cierre de presa	jez se zavírá	Dæmning lukker	Wehr wird geschlossen	Paisu sulgemine	Υδατοφράκτης σε φάση κλεισίματος	Barrage se relevant	Brana se zatvara	sbarramento in fase di chiusura	Aizsprosts aizveras	Užtvara uždaroma
OPD	Barrage Opened, no navigation through barrage	Баражът е отворен, но преминаването е забранено	Presa abierta, paso prohibido	jez je otevřen, zákaz plavby přes jez	Dæmning er åben, men gennemsejling er forbudt	Wehr ist geöffnet, keine Schifffahrt durch/über das Wehr	Pais avatud, laevatamist paisu kaudu ei toimu	Ανοικτός υδατοφράκτης, απαγόρευση ναυσιπλοΐας μέσω υδατοφράκτη	Barrage fermé à la navigation	Brana otvorena, nije dopuštena plovidba	sbarramento aperto, nessun transito consentito	Aizsprosts atvērts, kuģošana caur aizsprostu aizliegta	Užtvara atidaryta, laivyba draudžiama
OPN	Barrage laid, opened for navigation through barrage	Баражът е отворен за плаване	Presa abierta, paso autorizado	jez je pro plavbu otevřen	Dæmning er åben for sejlads	Wehr ist geöffnet, Schifffahrt durch/über das Wehr	Pais avatud laevatmiseks	Ανοικτός υδατοφράκτης, επιτρέπεται η ναυσιπλοΐα	Barrage ouvert à la navigation	Brana otvorena za plovidbu	sbarramento aperto, transito consentito	Aizsprosts atvērts kuģošanai caur aizsprostu	Užtvara atidaryta laivybai

BARRAGE CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
CLD	Duzzasztómű zárva	Milqgħa Magħluqa	Stuw is gesloten	Zapora zamknięta	Barragem fechada	Baraj închis	hať je zatvorená	zapora zaprta	Avattava pato suljettu	Fördämningen stängd	Плотина закрыта	Преграда затворена
OPG	Duzzasztóművet nyitják	Milqgħa Qed Tinfetaħ	Stuw wordt geopend	Otwieranie zapory	Barragem a abrir	Baraj în deschidere	hať sa otvára	odpiranje zapore	Avattava pato avautuu	Fördämningen öppnas	Плотина открывается	Преграда се отвара
CLG	Duzzasztóművet zárják	Milqgħa Qed Tingħalaq	Stuw wordt gesloten	Zamykanie zapory	Barragem a fechar	Baraj în închidere	hať sa zatvára	zapiranje zapore	Avattava pato sulkeutuu	Fördämningen stängs	Плотина закрывается	Преграда се затвара
OPD	Duzzasztómű nyitva, de áthajózás a duzzasztóművön nem megengedett	Milqgħa Miftuħa, navigazzjoni minn ġol-milqgħa projbita	Stuw is geopend, maar geen doorvaart via stuw	Zapora otwarta, zamknięta dla żeglugi	Barragem aberta, passagem proibida	Baraj deschis, nu se navighează	hať je otvorená, preplávanie cez hať zakázané	zapora odprta, plovba skozi zaporo ni dovoljena	Avattava pato avattu, ei vesiliikennettä padon kautta	Fördämningen öppen, men sjöfart förbjuden	Плотина открыта, но движение судов запрещено	Преграда отворена
OPN	Duzzasztómű az áthajózás számára megnyitva	Milqgħa mifruxa, tista' ssir navigazzjoni minn ġol-milqgħa	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	Avattava pato avattu liikenteelle	Fördämningen öppen för sjöfart	Плотина открыта для движения судов	Преграда спуштена, пловидба слободна

COMMUNICATION CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
TE	telephone	Телефон	Teléfono	telefon	Telefon	Telefon	Telefon	Τηλέφωνο	Téléphone	Telefon	telefono	Tālrunis	Telefonas
AP	VHF	Метров обхват	VHF	VKV	VHF	UKW	VHF	VHF	VHF	VHF	VHF	UĪV	VHF
EM	e-mail	Електронна поща (e-mail)	Correo electrónico	E-mail	E-mail	E-Mail	E-post	Ηλεκτρονικό ταχυδρομείο	e-mail	E-mail	e-mail	e-pasts	E. paštas
AH	internet	Интернет	Internet	Internet	Internet	Internet	Internet	Διαδίκτυο	Internet	Internet	Internet	Internets	Internetas
TT	teletext	Телетекст	Teletexto	Teletext	Teletekst	Teletext	Teletekst	Τελετέξτ	Télétexte	Teletekst	teletesto	Teleteksts	Teletekstas
FX	telefax	Факс	Fax	Fax	Telefax	Telefax	Telefaks	Τηλεομοιοτυπία	Télécopie	Telefaks	telefax	Telefakss	Telefaksas
LS	light signalling	Светлинна сигнализация	Señal luminosa	světelná signalizace	Lyssignal	Lichtsignal	Valgus-signaalid	Φωτεινή σηματοδότηση	signalisation lumineuse	Svjetlosna signalizacija	segnalazione con fanali	Gaismas signāli	Šviesos signalai
FS	flag signalling	Флагова сигнализация	Bandera	vlajková signalizace	Flagsignal	Flaggensignal	Lipu-signaalid	Σήματα με σημαίες	pavillon	Signalizacija zastavama	segnalazione con bandiere	Signāli ar karodziņiem	Signalai vėliavėlėmis
SO	sound signalling	Звукова сигнализация	Señal acústica	zvuková signalizace	Lydsignal	Tonsignal	Heli-signaalid	Ηχητικά σήματα	signalisation sonore	Zvučna signalizacija	segnalazione acustica	Skaņas signāli	Garsiniai signalai
EI	EDI mailbox number	Номер на пощенската кутия EDI	Número de buzón EDI	číslo EDI schránky	EDI-mailboksnummer	EDI Mailbox Nummer	EDI postkasti number	Αριθμός ηλεκτρονικής θυρίδας EDI	Numéro de boîte EDI	EDI broj pretinca	casella postale EDI	EDI pastkastītes numurs	EDI pašto dėžutės numeris

COMMUNICATION CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
TE	telefon	telefown	Telefoon	Telefon	Telefone	telefon	Telefón	telefon	Puhelin	Telefon	Телефон	Телефон
AP	rádiótelefon	VHF	Marifoon	VHF	VHF	VHF	VHF	VHF	VHF	VHF	Радиосвязь на ОВЧ	VHF
EM	e-mail	posta elettronika	E-mail	E-mail	Correio eletrónico	e-mail	E-mail	e-pošta	Sähköposti	E-post	E-mail	E-mail
AH	Internet	internet	Internet	Internet	Internet	internet	Internet	internet	Internet	Internet	Интернет	Интернет
TT	teletext	teletext	Teletekst	Teletekst	Teletexto	teletext	Teletex	teletekst	Tekstitelevisio	Teletext	Телетекст	Телетекст
FX	telefax	telefax	Fax	Telefaks	Telefax	telefax	Telefax	telefaks	Faksi	Fax	Факс	Телефакс
LS	fényjelzés	sinjalar bid-dawl	Lichtsignaal	sygnalizacja świetlna	Sinal luminoso	semnal luminos	svetelná signalizácia	svetlobno signaliziranje	valo-opasteet	Ljus-signalering	Световые сигналы	Светлосна сигнализација
FS	lobogójelzés	sinjalar bil-bnadar	Vlagsignaal	sygnalizacja flagowa	Sinal de bandeira	semnal cu steguleţe	vlajková signalizácia	signaliziranje z zastavicami	lippuopasteet	Flagg-signalering	Сигналы флагами	Сигнализација заставом
SO	hangjelzés	sinjalar bil-hoss	Geluidssein	sygnalizacja dźwiękowa	Sinal sonoro	semnal sonor	zvuková signalizácia	zvočno signaliziranje	ääniopasteet	Ljud-signalering	Звуковые сигналы	Звучна сигнализација
EI	EDI postafiók szám	Numru tal-kaxxa postali EDI	EDI-mailbox-nummer	Numer skrzynki pocztowej EDI	Número caixa postal EDI	număr căsuţă poştală EDI	číslo schránky EDI	Številka poštnega predala EDI	EDI mailbox-numero	EDI-postlåde-nummer	Номер почтового ящика EDI	Број EDI сандучета

COUNTRY CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
AT	Austria	Австрия	Austria	Rakousko	Østrig	Österreich	Austria	Αυστρία	Autriche	Austrija	Austria	Austrija	Austrija
BE	Belgium	Белгия	Bélgica	Belgie	Belgien	Belgien	Belgia	Βέλγιο	Belgique	Belgija	Belgio	Beļģija	Belgija
BG	Bulgaria	България	Bulgaria	Bulharsko	Bulgarien	Bulgarian	Bulgaaria	Βουλγαρία	Bulgarie	Bugarska	Bulgaria	Bulgārija	Bulgarija
CH	Switzerland	Швейцария	Suiza	Švýcarsko	Schweiz	Schweiz	Šveits	Ελβετία	Suisse	Švicarska	Svizzera	Šveice	Šveicarija
RS	Serbia	Сърбия	Serbia	Srbsko	Serbien	Serbien	Serbia	Σερβία	Serbie	Srbija	Serbia	Serbija	Serbija
CY	Cyprus	Кипър	Chipre	Kypr	Cypern	Zypern	Küpros	Κύπρος	Chypre	Cipar	Cipro	Kipra	Kipras
CZ	Czech Republic	Република Чехия	Chequia	Česká republika	Tjekkiet	Tschechien	Tšehhi Vabariik	Τσεχική Δημοκρατία	République Tchèque	Češka	Repubblica ceca	Čehija	Čekija
DE	Germany	Германия	Alemania	Německo	Tyskland	Deutschland	Saksamaa	Γερμανία	Allemagne	Njemačka	Germania	Vācija	Vokietija
DK	Denmark	Дания	Dinamarca	Dánsko	Danmark	Dänemark	Taani	Δανία	Danemark	Danska	Danimarca	Dānija	Danija
EE	Estonia	Естония	Estonia	Estonsko	Estland	Estland	Eesti	Εσθονία	Estonie	Estonija	Estonia	Igaunija	Estija
ES	Spain	Испания	España	Španělsko	Spanien	Spanien	Hispaania	Ισπανία	Espagne	Španjolska	Spagna	Spānija	Ispanija
FI	Finland	Финландия	Finlandia	Finsko	Finland	Finnland	Soome	Φινλανδία	Finlande	Finska	Finlandia	Somija	Suomija
FR	France	Франция	Francia	Francie	Frankrig	Frankreich	Prantsusmaa	Γαλλία	France	Francuska	Francia	Francija	Prancūzija
GB	United Kingdom	Великобритания	Reino Unido	Velká Británie	Det Forenede Kongerige	Großbritannien	Ühend-kuningriik	Ηνωμένο Βασίλειο	Royaume-Uni	Ujedinjena Kraljevina	Regno Unito	Apvienotā Karaliste	Jungtinė Karalystė
GR	Greece	Гърция	Grecia	Řecko	Grækenland	Griechenland	Kreeka	Ελλάδα	Grèce	Grčka	Grecia	Grieķija	Graikija
HR	Croatia	Хърватия	Croacia	Chorvatsko	Kroatien	Kroatien	Horvaatia	Κροατία	Croatie	Hrvatska	Croazia	Horvātija	Kroatija
HU	Hungary	Унгария	Hungría	Maďarsko	Ungarn	Ungarn	Ungari	Ουγγαρία	Hongrie	Mađarska	Ungheria	Ungārija	Vengrija
IE	Ireland	Ирландия	Irlanda	Irsko	Irland	Irland	Iirimaa	Ιρλανδία	Irlande	Irska	Irlanda	Īrija	Airija
IT	Italy	Италия	Italia	Itálie	Italien	Italien	Itaalia	Ιταλία	Italie	Italija	Italia	Itālija	Italija

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
LT	Lithuania	Литва	Lituania	Litva	Litauen	Litauen	Leedu	Λιθουανία	Lituanie	Litva	Lituania	Lietuva	Lietuva
LU	Luxembourg	Люксембург	Luxemburgo	Lucembursko	Luxembourg	Luxemburg	Luksemburg	Λουξεμβούργο	Luxembourg	Luksemburg	Lussemburgo	Luksemburga	Liuksemburgas
LV	Latvia	Латвия	Letonia	Lotyšsko	Letland	Lettland	Läti	Λετονία	Lettonie	Latvija	Lettonia	Latvija	Latvija
MD	Moldova	Молдова	Moldavia	Moldavsko	Moldova	Moldawien	Moldaavia	Μολδαβία	Moldavie	Moldova	Moldova	Moldova	Moldova
MT	Malta	Малта	Malta	Malta	Malta	Malta	Malta	Μάλτα	Malte	Malta	Malta	Malta	Malta
NL	Netherlands	Нидерландия	Países Bajos	Nizozemsko	Nederlandene	Niederlande	Madalmaad	Κάτω Χώρες	Pays-Bas	Nizozemska	Paesi Bassi	Nīderlande	Nyderlandai
PL	Poland	Полша	Polonia	Polsko	Polen	Polen	Poola	Πολωνία	Pologne	Poljska	Polonia	Polija	Lenkija
PT	Portugal	Португалия	Portugal	Portugalsko	Portugal	Portugal	Portugal	Πορτογαλία	Portugal	Portugal	Portogallo	Portugāle	Portugalija
RO	Romania	Румъния	Rumanía	Rumunsko	Rumænien	Rumänien	Rumeenia	Ρουμανία	Roumanie	Rumunjska	Romania	Rumānija	Rumunija
RU	Russia	Русия	Rusia	Rusko	Rusland	Russland	Venemaa	Ρωσσία	Russie	Rusija	Russia	Krievija	Rusija
SE	Sweden	Швеция	Suecia	Švédsko	Sverige	Schweden	Rootsi	Σουηδία	Suède	Švedska	Svezia	Zviedrija	Švedija
SI	Slovenia	Словения	Eslovenia	Slovinsko	Slovenien	Slowenien	Sloveenia	Σλοβενία	Slovénie	Slovenija	Slovenia	Slovēnija	Slovėnija
SK	Slovakia	Словакия	Eslovaquia	Slovensko	Slovakiet	Slowakei	Slovakkia	Σλοβακία	Slovaquie	Slovačka	Slovacchia	Slovākija	Slovakija
UA	Ukraine	Украина	Ucrania	Ukrajina	Ukraine	Ukraine	Ukraina	Ουκρανία	Ukraine	Ukrajina	Ucraina	Ukraina	Ukraina
ME	Montenegro	Черна гора	Montenegro	Černá Hora	Montenegro	Montenegro	Montenegro	Μαυροβούνιο	Monténégro	Crna Gora	Montenegro	Melnkalne	Juodkalnija

COUNTRY CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
AT	Ausztria	L-Awstrija	Oostenrijk	Austria	Áustria	Austria	Rakúsko	Avstrija	Itävalta	Österrike	Австрия	Аустрија
BE	Belgium	Il-Belġju	België	Belgia	Bélgica	Belgia	Belgicko	Belgija	Belgia	Belgien	Бельгия	Белгија
BG	Bulgária	Il-Bulgarija	Bulgarije	Bułgaria	Bulgária	Bulgaria	Bulharsko	Bolgarija	Bulgaria	Bulgarien	Болгария	Бугарска
CH	Svájc	L-Iżvizzera	Zwitserland	Szwajcaria	Suíça	Elveţia	Švajčiarsko	Švica	Sveitsi	Schweiz	Швейцария	Швајцарска
RS	Szerbia	Is-Serbja	Servië	Serbia	Sérvia	Serbia	Srbsko	Srbija	Serbia	Serbien	Сербия	Србија
CY	Ciprus	Ċipru	Cyprus	Cypr	Chipre	Cipru	Cyprus	Ciper	Kypros	Cypern	Кипр	Кипар
CZ	Cseh Köztársaság	Ir-Repubblika Ċeka	Tsjechië	Republika Czeska	República Checa	Republica Cehă	Česko	Češka	Tšekki	Tjeckien	Чешская республика	Чешка Република
DE	Németország	Il-Ġermanja	Duitsland	Niemcy	Alemanha	Germania	Nemecko	Nemčija	Saksa	Tyskland	Германия	Немачка
DK	Dánia	Id-Danimarka	Denemarken	Dania	Dinamarca	Danemarca	Dánsko	Danska	Tanska	Danmark	Дания	Данска
EE	Észtország	L-Estonja	Estland	Estonia	Estónia	Estonia	Estónsko	Estonija	Viro	Estland	Эстония	Естонија
ES	Spanyolország	Spanja	Spanje	Hiszpania	Espanha	Spania	Španielsko	Španija	Espanja	Spanien	Испания	Шпанија
FI	Finnország	Il-Finlandja	Finland	Finlandia	Finlândia	Finlanda	Fínsko	Finska	Suomi	Finland	Финляндия	Финска
FR	Franciaország	Franza	Frankrijk	Francja	França	Franţa	Francúzsko	Francija	Ranska	Frankrike	Франция	Француска
GB	Egyesült Királyság	Ir-Renju Unit	Verenigd Koninkrijk	Wielka Brytania	Reino Unido	Regatul Unit	Veľká Británia	Združeno kraljestvo	Yhdistynyt kuningaskunta	Förenade kungariket	Великобритания	Велика Британија
GR	Görögország	Il-Greċja	Griekenland	Grecja	Grécia	Grecia	Grécko	Grčija	Kreikka	Grekland	Греция	Грчка
HR	Horvátország	Il-Kroazja	Kroatië	Chorwacja	Croácia	Croaţia	Chorvátsko	Hrvaška	Kroatia	Kroatien	Хорватия	Хрватска
HU	Magyarország	L-Ungerija	Hongarije	Węgry	Hungria	Ungaria	Maďarsko	Madžarska	Unkari	Ungern	Венгрия	Мађарска
IE	Írország	L-Irlanda	Ierland	Irlandia	Irlanda	Irlanda	Írsko	Irska	Irlanti	Irland	Ирландия	Ирска
IT	Olaszország	L-Italja	Italië	Włochy	Itália	Italia	Taliansko	Italija	Italia	Italien	Италия	Италија

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
LT	Litvánia	Il-Litwanja	Litouwen	Litwa	Lituânia	Lituania	Litva	Litva	Liettua	Litauen	Литва	Литванија
LU	Luxemburg	Il-Lussemburgu	Luxemburg	Luksemburg	Luxemburgo	Luxemburg	Luxembursko	Luksemburg	Luxemburg	Luxemburg	Люксембург	Луксембург
LV	Lettország	Il-Latvja	Letland	Łotwa	Letónia	Letonia	Lotyšsko	Latvija	Latvia	Lettland	Латвия	Летонија
MD	Moldávia	Il-Moldova	Moldavië	Mołdawia	Moldávia	Moldova	Moldavsko	Moldavija	Moldova	Moldavien	Молдавия	Молдавија
MT	Málta	Malta	Malta	Malta	Malta	Malta	Malta	Malta	Malta	Malta	Мальта	Малта
NL	Hollandia	In-Netherlands	Nederland	Holandia	Países Baixos	Țările de Jos	Holandsko	Nizozemska	Alankomaat	Nederländerna	Нидерланды	Холандија
PL	Lengyelország	Il-Polonja	Polen	Polska	Polónia	Polonia	Poľsko	Poljska	Puola	Polen	Польша	Пољска
PT	Portugália	Il-Portugall	Portugal	Portugalia	Portugal	Portugalia	Portugalsko	Portugalska	Portugali	Portugal	Португалия	Португал
RO	Románia	Ir-Rumanija	Roemenië	Rumunia	Roménia	România	Rumunsko	Romunija	Romania	Rumänien	Румыния	Румунија
RU	Oroszország	Ir-Russja	Rusland	Rosja	Rússia	Rusia	Rusko	Rusija	Venäjä	Ryssland	Россия	Русија
SE	Svédország	L-Iżvezja	Zweden	Szwecja	Suécia	Suedia	Švédsko	Švedska	Ruotsi	Sverige	Швеция	Шведска
SI	Szlovénia	Is-Slovenja	Slovenië	Słowenia	Eslovénia	Slovenia	Slovinsko	Slovenija	Slovenia	Slovenien	Словения	Словенија
SK	Szlovákia	Is-Slovakkja	Slowakije	Słowacja	Eslováquia	Slovacia	Slovensko	Slovaška	Slovakia	Slovakien	Словакия	Словачка
UA	Ukrajna	L-Ukrajna	Oekraïne	Ukraina	Ucrânia	Ucraina	Ukrajina	Ukrajina	Ukraina	Ukraina	Украина	Украјина
ME	Montenegró	Il-Montenegro	Montenegro	Czarnogóra	Montenegro	Muntenegru	Čierna Hora	Črna gora	Montenegro	Montenegro	Черногория	Црна Гора

DIRECTION CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
ALL	all directions	Всички посоки	Todas las direcciones	všechny směry	Alle retninger	alle Richtungen	Kõik suunad	Όλες οι κατευθύνσεις	toutes les directions	Svi smjerovi	tutte le direzioni	Visi virzieni	Visomis kryptimis
UPS	upstream	Срещу течението	Aguas arriba	proti proudu	Opstrøms	Bergfahrt	Ülesvoolu	Ανάντη	montant	Uzvodno	in ascesa	Pret straumi	Prieš srovę
DWN	downstream	По течението	Aguas abajo	po proudu	Nedstrøms	Talfahrt	Allavoolu	Κατάντη	avalant	Nizvodno	in discesa	Pa straumi	Pasroviui

DIRECTION CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
ALL	minden irányba	id-direzzjonijiet kollha	Alle richtingen	Wszystkie kierunki	Todas as direções	toate direcţiile	všetky smery	vse smeri	Kaikki suunnat	Alla riktningar	Движение во всех направлениях	Сви смерови
UPS	hegymenet	upstream	Opvaart	Pod prąd	Montante	în amonte	proti prúdu	proti toku	Vastavirtaan	Uppströms	Движение вверх по течению	Узводно
DWN	völgymenet	downstream	Afvaart	Z prądem	Jusante	în aval	po prúde	v smeri toka	Myötävirtaan	Nedströms	Движение вниз по течению	Низводно

LANGUAGE CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
EN	English	Английски	Inglés	anglicky	Engelsk	englisch	inglise	Αγγλικά	Anglais	engleski	inglese	Angļu	Anglų
BG	Bulgarian	Български	Búlgaro	bulharsky	Bulgarsk	bulgarisch	bulgaaria	Βουλγαρικά	Bulgare	bugarski	bulgaro	Bulgāru	Bulgarų
ES	Spanish	Испански	Español	španělsky	Spansk	spanisch	hispaania	Ισπανικά	Espagnol	španjolski	spagnolo	Spāņu	Ispanų
CS	Czech	Чешки	Checo	česky	Tjekkisk	tschechisch	tšehhi	Τσεχικά	Tchèque	češki	ceco	Čehu	Čekų
DA	Danish	Датски	Danés	dánsky	Dansk	dänisch	taani	Δανικά	Danois	danski	danese	Dāņu	Danų
DE	German	Немски	Alemán	německy	Tysk	deutsch	saksa	Γερμανικά	Allemand	njemački	tedesco	Vācu	Vokiečių
ET	Estonian	Естонски	Estonio	estonsky	Estisk	estnisch	eesti	Εσθονικά	Estonien	estonski	estone	Igauņu	Estų
EL	Greek	Гръцки	Griego	řecky	Græsk	griechisch	kreeka	Ελληνικά	Grec	grčki	greco	Grieķu	Graikų
FR	French	Френски	Francés	francouzsky	Fransk	französisch	prantsuse	Γαλλικά	Français	francuski	francese	Franču	Prancūzų
GA	Gaelic	Ирландски	Irlandés	irsky	Irsk	gälisch	iiri	Ιρλανδικά	Gaélique	irski	gaelico	Gēlu	Gėlų
HR	Croatian	Хърватски	Croata	chorvatsky	Kroatisk	kroatisch	horvaatia	Κροατικά	Croate	hrvatski	croato	Horvātu	Kroatų
IT	Italian	Италиански	Italiano	italsky	Italiensk	italienisch	itaalia	Ιταλικά	Italien	talijanski	italiano	Itāliešu	Italų
LV	Latvian	Латвийски	Letón	lotyšsky	Lettisk	lettisch	läti	Λετονικά	Letton	latvijski	lettone	Latviešu	Latvių
LT	Lithuanian	Литовски	Lituano	litevsky	Litauisk	litauisch	leedu	Λιθουανικά	Lituanien	litavski	lituano	Lietuviešu	Lietuvių
HU	Hungarian	Унгарски	Húngaro	maďarsky	Ungarsk	ungarisch	ungari	Ουγγρικά	Hongrois	mađarski	ungherese	Ungāru	Vengrų
MT	Maltese	Малтийски	Maltés	maltsky	Maltesisk	maltesisch	malta	Μαλτέζικα	Maltais	malteški	maltese	Maltiešu	Maltiečių
NL	Dutch	Холандски	Neerlandés	nizozemsky	Nederlandsk	niederländisch	hollandi	Ολλανδικά	Néerlandais	nizozemski	neerlandese	Holandiešu	Nyderlandų
PL	Polish	Полски	Polaco	polsky	Polsk	polnisch	poola	Πολωνικά	Polonais	poljski	polacco	Poļu	Lenkų
PT	Portuguese	Португалски	Portugués	portugalsky	Portugisisk	portugiesisch	portugali	Πορτογαλικά	Portugais	portugalski	portoghese	Portugāļu	Portugalų
RO	Romanian	Румънски	Rumano	rumunsky	Rumænsk	rumänisch	rumeenia	Ρουμανικά	Roumain	rumunjski	rumeno	Rumāņu	Rumunų

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
SK	Slovak	Словашки	Eslovaco	slovensky	Slovakisk	slowakisch	slovaki	Σλοβακικά	Slovaque	slovački	slovacco	Slovāku	Slovakų
SL	Slovenian	Словенски	Eslovaco	slovinsky	Slovensk	slowenisch	sloveenia	Σλοβενικά	Slovène	slovenski	sloveno	Slovēņu	Slovėnų
FI	Finnish	Финландски	Finés	finsky	Finsk	finnisch	soome	Φινλανδικά	Finnois	finski	finlandese	Somu	Suomių
SV	Swedish	Шведски	Sueco	švédsky	Svensk	schwedisch	rootsi	Σουηδικά	Suédois	švedski	svedese	Zviedru	Švedų
RU	Russian	Руски	Ruso	rusky	Russisk	russisch	vene	Ρωσσικά	Russe	ruski	russo	Krievu	Rusų
SR	Serbian	Сръбски	Serbio	srbsky	Serbisk	serbisch	serbia	Σερβικά	Serbe	srpski	serbo	Serbu	Serbų

LANGUAGE CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
EN	angol	Ingliż	Engels	angielski	Inglês	Engleză	anglicky	angleščina	Englanti	Engelska	Английский	енглески
BG	bolgár	Bulgaru	Bulgaars	bułgarski	Búlgaro	Bulgară	bulharsky	bolgarščina	Bulgaria	Bulgariska	Болгарский	бугарски
ES	spanyol	Spanjol	Spaans	hiszpański	Espanhol	Spaniolă	španielsky	španščina	Espanja	Spanska	Испанский	шпански
CS	cseh	Ċek	Tsjechisch	czeski	Checo	Cehă	česky	češčina	Tšekki	Tjeckiska	Чешский	чешки
DA	dán	Daniż	Deens	duński	Dinamarquês	Daneză	dánsky	danščina	Tanska	Danska	Датский	дански
DE	német	Ġermaniż	Duits	niemiecki	Alemão	Germană	nemecky	nemščina	Saksa	Tyska	Немецкий	немачки
ET	észt	Estonjan	Ests	estoński	Estónio	Estonă	estónsky	estonščina	Viro	Estniska	Эстонский	естонски
EL	görög	Grieg	Grieks	grecki	Grego	Greacă	grécky	gršćina	Kreikka	Grekiska	Греческий	грчки
FR	francia	Franċiż	Frans	francuski	Francês	Franceză	francúzsky	francoščina	Ranska	Franska	Французский	француски
GA	ír	Gaelic	Iers	irlandzki	Gaélico	Irlandeză	írsky	iršćina	Iiri	Iriska		
HR	horvát	Kroat	Kroatisch	chorwacki	Croata	Croată	chorvátsky	hrvaščina	Kroatia	Kroatiska	Хорватский	хрватски
IT	olasz	Taljan	Italiaans	włoski	Italiano	Italiană	taliansky	italijanščina	Italia	Italienska	Итальянский	италијански
LV	lett	Latvjan	Lets	łotewski	Letão	Letonă	lotyšsky	latvijščina	Latvia	Lettiska	Латвийский	летонски

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
LT	litván	Litwen	Litouws	litewski	Lituano	lituaniană	litovsky	litovščina	Liettua	Litauiska	Литовский	литвански
HU	magyar	Ungeriż	Hongaars	węgierski	Húngaro	Maghiară	maďarsky	madžarščina	Unkari	Ungerska	Венгерский	мађарски
MT	máltai	Malti	Maltees	maltański	Maltês	Malteză	maltsky	malteščina	Malta	Maltesiska	Мальтийский	Malteski
NL	holland	Netherlandiż	Nederlands	holenderski	Neerlandês	Olandeză	holandsky	nizozemščina	Hollanti	Nederländska	Голландский	пољски
PL	lengyel	Pollakk	Pools	polski	Polaco	Poloneză	poľsky	poljščina	Puola	Polska	Польский	португалски
PT	portugál	Portugiż	Portugees	portugalski	Português	Portugheză	portugalsky	portugalščina	Portugali	Portugisiska	Португальский	румунски
RO	román	Rumen	Roemeens	rumuński	Romeno	Română	rumunsky	romunščina	Romania	Rumänska	Румынский	руски
SK	szlovák	Slovakk	Slowaaks	słowacki	Eslovaco	Slovacă	slovensky	slovaščina	Slovakki	Slovakiska	Словацкий	словачки
SL	szlovén	Sloven	Sloveens	słoweński	Esloveno	Slovenă	slovinsky	slovenščina	Sloveeni	Slovenska	Словенский	словеначки
FI	finn	Finlandiż	Fins	fiński	Finlandês	Finlandeză	fínsky	finščina	Suomi	Finska	Финский	фински
SV	svéd	Żvediż	Zweeds	szwedzki	Sueco	Suedeză	švédsky	švedščina	Ruotsi	Svenska	Шведский	шведски
RU	orosz	Russu	Russisch	rosyjski	Russo	Rusă	rusky	ruščina	Venäjä	Ryska	Русский	словачки
SR	szerb	Serb	Servisch	serbski	Sérvio	Sârbă	srbsky	srbščina	Serbia	Serbiska	Сербский	српски

INDICATION CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
MAX	maximum	максимум	máximo	maximum	Maksimum	höchstens	maksimum	Μέγιστο	maximum	Najviše	massimo	maksimāli	didžiausia
MIN	minimum	минимум	mínimo	minimum	Minimum	mindestens	miinimum	Ελάχιστο	minimum	Najmanje	minimo	minimāli	mažiausia
RED	reduced by	намалено с	Reducido en	redukován o	Reduceret med	verringert um	vähendatud	Μειωμένο κατά	réduit de	Smanjeno za	diminuito di	samazināts par	sumažinama

INDICATION CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
MAX	Maximum	massima	Maximaal	maksimum	Máximo	maxim	maximum	največje	maksimi	Maximum	максимальный	максимум
MIN	Minimum	minima	Minimaal	minimum	Mínimo	minim	minimum	najmanjše	minimi	Minimum	минимальный	минимум
RED	által csökkentve	imnaqqsa b'	Verminderd met	ograniczenie o (wartość)	Reduzido de	redus cu	znížený o	zmanjšano za	vähennetty seur-aavalla:	Reducerat med	уменьшено на	умањен за

INTERVAL CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
CON	continuous	Непрекъснато	Continuo	nepřetržitě	Kontinuerligt	durchgehend	Pidev	Συνεχής	Permanent	Neprekidno	permanente	Nepārtraukti	Nuolat
DAY	daily	Ежедневно	Diario	denně	Dagligt	täglich	Iga päev	Ημερήσια	Journalier	Dnevno	giornaliero	Ik dienas	Kasdien
WRK	Monday to Friday	От понеделник до петък	Lunes a viernes	pondělí až pátek	Mandag til fredag	Montag bis Freitag	Esmaspäevast reedeni	Δευτέρα έως Παρασκευή	Lundi au Vendredi	Od ponedjeljka do petka	da lunedì a venerdì	No pirmdienas līdz piektdienai	Nuo pirmadienio iki penktadienio
WKN	Saturday and Sunday	Събота и неделя	Sábado y domingo	sobota a neděle	Lørdag og søndag	Samstag und Sonntag	Laupäev ja pühapäev	Σάββατο έως Κυριακή	Samedi et Dimanche	Subotom i nedjeljom	sabato e domenica	Sestdiena un svētdiena	Šeštadienis ir sekmadienis
SUN	Sunday	Неделя	Domingo	neděle	Søndag	Sonntag	Pühapäev	Κυριακή	Dimanche	Nedjeljom	domenica	Svētdiena	Sekmadienis
MON	Monday	Понеделник	Lunes	pondělí	Mandag	Montag	Esmaspäev	Δευτέρα	Lundi	Ponedjeljkom	lunedì	Pirmdiena	Pirmadienis
TUE	Tuesday	Вторник	Martes	úterý	Tirsdag	Dienstag	Teisipäev	Τρίτη	Mardi	Utorkom	martedì	Otrdiena	Antradienis
WED	Wednesday	Сряда	Miércoles	středa	Onsdag	Mittwoch	Kolmapäev	Τετάρτη	Mercredi	Srijedom	mercoledì	Trešdiena	Trečiadienis
THU	Thursday	Четвъртък	Jueves	čtvrtek	Torsdag	Donnerstag	Neljapäev	Πέμπτη	Jeudi	Četvrtkom	giovedì	Ceturtdiena	Ketvirtadienis
FRI	Friday	Петък	Viernes	pátek	Fredag	Freitag	Reede	Παρασκευή	Vendredi	Petkom	venerdì	Piektdiena	Penktadienis
SAT	Saturday	Събота	Sábado	sobota	Lørdag	Samstag	Laupäev	Σάββατο	Samedi	Subotom	sabato	Sestdiena	Šeštadienis
DTI	day-time	През деня	Período diurno	ve dne	Om dagen	bei Tag	päeval	Κατά τη διάρκεια της ημέρας	en journée	Preko dana	diurno	dienā	Dienos metas
NTI	night-time	През нощта	Período nocturno	v noci	Om natten	bei Nacht	öösel	Κατά της διάρκεια της νύχτας	de nuit	Preko noći	notturno	naktī	Nakties metas
RVI	in case of restricted visibility	При ограничена видимост	Con visibilidad reducida	za snížené viditelnosti	Ved nedsat sigt	bei beschränkten Sichtverhältnissen	piiratud nähtavuse korral	Σε περίπτωση περιορισμένης ορατότητας	par mauvaise visibilité	U slučaju smanjene vidljivosti	in caso di visibilità ridotta	ierobežotas redzamības apstākļos	Riboto matomumo atveju
EXC	with the exception of	С изключение на	salvo	s výjimkou	Med undtagelse af	mit Ausnahme von	välja arvatud	Εξαιρουμένου του	à l'exception de	S izuzetkom	ad eccezione di	izņemot	Išskyrus
WRD	Monday to Friday except public holidays	От понеделник до петък, с изключение на официални празници	De lunes a viernes excepto festivos	pondělí až pátek kromě státních svátků	Mandag til fredag undtagen helligdage	Montag bis Freitag ausgenommen Feiertage	Esmaspäevast reedeni, v.a riigipühad	Δευτέρα έως Παρασκευή εκτός επίσημων αργιών	Lundi au vendredi excepté jours fériés	Od ponedjeljka do petka osim praznika	da lunedì a venerdì, eccetto i giorni festivi	No pirmdienas līdz piektdienai, izņemot oficiāli svinamās dienas	Nuo pirmadienio iki penktadienio, išskyrus valstybinių švenčių dienas

INTERVAL CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
CON	folyamatos	(kontinwu)	Onafgebroken	ciągłe	Contínuo	permanent	nepretržite	neprekinjeno	Jatkuva	Fortlöpande	Постоянно	Непрекидан
DAY	naponta	kuljum	Dagelijks	codziennie	Diário	zilnic	denne	dnevno	Päivittäinen	Dagligen	ежедневно	Дневно
WRK	hétfőtől péntekig	Mit-Tnejn sal-Ġimgħa	Van maandag tot en met vrijdag	od poniedziałku do piątku	Segunda a sexta	de luni până vineri	pondelok až piatok	od ponedeljka do petka	Maanantaista perjantaihin	Måndag till fredag	с понедельника по пятницу	Од понедељка до петка
WKN	szombaton és vasárnap	Is-Sibt u l-Ħadd	Zaterdag en zondag	sobota i niedziela	Sábado e domingo	sâmbăta şi duminica	sobota a nedeľa	sobota in nedelja	Lauantai ja sunnuntai	Lördag till söndag	суббота и воскресенье	Субота и недеља
SUN	vasárnap	Il-Ħadd	Zondag	niedziela	Domingo	duminică	nedeľa	nedelja	Sunnuntai	Söndag	воскресенье	Недеља
MON	hétfő	It-Tnejn	Maandag	poniedziałek	Segunda	luni	pondelok	ponedeljek	Maanantai	Måndag	понедельник	Понедељак
TUE	kedd	It-Tlieta	Dinsdag	wtorek	Terça	marţi	utorok	torek	Tiistai	Tisdag	вторник	Уторак
WED	szerda	L-Erbgħa	Woensdag	środa	Quarta	miercuri	streda	sreda	Keskiviikko	Onsdag	среда	Среда
THU	csütörtök	Il-Ħamis	Donderdag	czwartek	Quinta	joi	štvrtok	četrtek	Torstai	Torsdag	четверг	Четвртак
FRI	péntek	Il-Ġimgħa	Vrijdag	piątek	Sexta	vineri	piatok	petek	Perjantai	Fredag	пятница	Петак
SAT	szombat	Is-Sibt	Zaterdag	sobota	Sábado	sâmbătă	sobota	sobota	Lauantai	Lördag	суббота	Субота
DTI	nappal	matul il-ġurnata	Overdag	w porze dziennej	Período diurno	în timpul zilei	cez deň	podnevi	päivisin	Dagtid	Дневное время	Дању
NTI	éjszaka	matul il-lejl	's Nachts	w porze nocnej	Período noturno	în timpul nopţii	v noci	ponoči	öisin	Nattetid	Ночное время	Ноћу
RVI	korlátozott látási viszonyok esetén	f'każ ta' viżibbiltà ristretta	Bij beperkt zicht	w przypadku ograniczonej widoczności	Com visibilidade reduzida	în caz de vizibilitate redusă	pri zníženej viditeľnosti	v primeru omejene vidljivosti	näkyvyyden ollessa rajallinen	Vid begränsad sikt	в случае ограниченой видимости	При ограниченој видљивости
EXC	kivéve	bl-eċċezzjoni ta'	Met uitzondering van	z wyjątkiem	Excetuando	cu excepţia	okrem	razen	lukuun ottamatta:	Med undantag av	За исключением	Са изузетком
WRD	hétfőtől péntekig, kivéve ünnepnapokon	Mit-Tnejn sal-Ġimgħa minbarra btajjel pubbliċi	Van maandag tot en met vrijdag, uitgezonderd feestdagen	od poniedziałku do piątku z wyjątkiem świąt	Segunda a sexta exceto feriados	de luni până vineri exceptând sărbătorile	pondelok až piatok okrem sviatkov	od ponedeljka do petka razen v času praznikov	Maanantaista perjantaihin yleisiä vapaapäiviä lukuun ottamatta	Måndag till fredag, utom allmänna helgdagar	С понедельника по пятницу, кроме праздничных дней	Од понедељка до петка, осим празницима

LIMITATION CODE

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OBSTRU	blockage	Препятствие	Obstrucción	uzávěra	Blokering	Sperre	Blokeering	Φράγμα	Restriction	Prepreka	ostruzione totale	Bloķēts	Blokavimas
PAROBS	partial obstruction	Частично препятствие	Obstrucción parcial	částečná uzávěra	Delvis blokering	teilweise Sperre	Osaline takistus	Μερική παρεμπόδιση	Restriction partielle	Djelomična prepreka	ostruzione parziale	Daļēji bloķēts	Dalinis blokavimas
DELAY	delay	Закъснение	Retraso	zpoždění	Forsinkelse	Verzögerung	Hilinemine	Καθυστέρηση	Délai	Kašnjenje	ritardo	Aizkavēšanās	Delsa
VESLEN	vessel length	Дължина на кораба	Eslora	délka plavidla	Fartøjets længde	Schiffslänge	Laeva pikkus	Μήκος σκάφους	Longueur du bateau	Duljina broda	lunghezza natante	Kuģa garums	Laivo ilgis
VESHEI	vessel air draught	Височина на кораба	Altura de la obra muerta	výška plavidla nad hladinou	Fartøjets højde over vandlinjen	Schiffshöhe	Laeva kõrgus veepinnast	Μέγιστο ύψος άνωθεν της ισάλου γραμμής	tirant d'air du bateau	Visina najviše fiksne točke broda iznad vode	altezza natante dal pelo dell'acqua	Kuģa virsūdens augstums	Laivo aukštis virš vandens
VESBRE	vessel breadth	Ширина на кораба	Manga	šířka plavidla	Fartøjets bredde	Schiffsbreite	Laeva laius	Μέγιστο πλάτος σκάφους	Largeur du bateau	Širina broda	larghezza del natante	Kuģa platums	Laivo plotis
VESDRA	vessel draught	Газене на кораба	Calado	ponor plavidla	Fartøjets dybgang	Schiffstiefgang	Laeva süvis	Βύθισμα σκάφους	Tirant d'eau du bateau	Gaz broda	pescaggio natante	Kuģa iegrime	Laivo grimzlė
AVALEN	available length	Допустима дължина	Eslora disponible	povolená délka	Disponibel længde	verfügbare Länge	Kasutatav pikkus	Διαθέσιμο μήκος	Longueur disponible	Raspoloživa duljina	lunghezza disponibile	Pieļaujamais garums	Leidžiamas ilgis
CLEHEI	clearance height	Свободна височина	Gálibo vertical	podjezdná výška	Frigang i højden	Durchfahrtshöhe	Kuja kõrgus	Ελεύθερο ύψος διέλευσης	Hauteur libre	Visina plovnog otvora	tirante d'aria	Pieļaujamais augstums	Leidžiamas aukštis
CLEWID	clearance width	Свободна ширина	Gálibo horizontal	průjezdná šířka	Frigang, bredde	Durchfahrtsbreite	Kuja laius	Ελεύθερο πλάτος διέλευσης	Largeur disponible	Širina plovnog otvora	larghezza della via navigabile	Pieļaujamais platums	Leidžiamas plotis
AVADEP	available depth	Допустимо газене	Profundidad disponible	využitelná hloubka	Vanddybde	verfügbare Tiefe	Kasutatav sügavus	Διαθέσιμο πλάτος	Mouillage disponible	Raspoloživa dubina	pescaggio massimo	Ūdens dziļums	Esamas gylis
NOMOOR	no mooring	Забранено швартоване	Prohibición de amarre	zákaz vyvazování	Fortøjning forbudt	Festmacheverbot	Sildumine keelatud	Απαγόρευση αγκυροβολίας	Interdiction d'amarrage	Zabranjen vez	divieto di ormeggio	Pietauvošanās aizliegta	Draudžiama švartuotis
SERVIC	changed service	Променено обслужване	Servicio limitado	omezení provozu	Ændret betjening	geänderte Betriebszeiten	Piiratud teenindus	Περιορισμένη υπηρεσία	Exploitation limitée	Ograničena usluga	servizio / esercizio limitato	Ierobežots pakalpojums	Ribotas aptarnavimas
NOSERV	no service	Няма обслужване	Interrupción del servicio	zastavení provozu	Ingen betjening	kein Betrieb	Ei teenindata	Καμία υπηρεσία	Navigation interrompue	Nema usluge	nessun servizio / esercizio	Pakalpojums nav pieejams	Neaptarnaujama

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SPEED	speed limit	Ограничение на скорост	Límite de velocidad	omezení rychlosti	Hastighedsbegrænsning	Höchstgeschwindigkeit	Kiiruspiirang	Όριο ταχύτητας	Limite de Vitesse	Ograničenje brzine	limite di velocità	Ātruma ierobežojums	Ribojamas greitis
WAVWAS	no wash of waves	Забранено създаване на вълни	No crear oleaje	zákaz vytvářet vlnobití a sání	Undgå at lave efterdønninger	Sog und Wellenschlag vermeiden	Voolu tekitamine keelatud	Απαγόρευση πρόκλησης κυματισμών	Remous interdits	Zabranjeno pravljenje valova	divieto di moto ondoso	Neradīt viļņus	Nekelti bangų
PASSIN	no passing	Забранено преминаване	Prohibido el paso	zákaz potkávání	Passage er ikke tilladt	Begegnungsverbot	Läbimine keelatud	Απαγόρευση διέλευσης	Interdiction de croiser	Zabranjen prolaz	divieto di transito	Aizliegts šķērsot	Plaukti draudžiama
ANCHOR	no anchoring	Забранено заставането на котва	Prohibido fondear	zákaz kotvení	Opankring ikke tilladt	Ankerverbot	Ankrusse jäämine keelatud	Απαγόρευση αγκυροβολίας	Ancrage interdit	Zabranjeno sidrenje	divieto di ancoraggio	Noenkuroties aizliegts	Draudžiama nuleisti inkarą
OVRTAK	no overtaking	Забранено изпреварване	Prohibido adelantar	zákaz předjíždění	Overhaling ikke tilladt	Überholverbot	Möödasõit keelatud	Απαγόρευση προσπέρασης	Dépassement interdit	Zabranjeno pretjecanje	divieto di sorpasso	Apdzīt aizliegts	Lenkti draudžiama
MINPWR	minimum power	Минимална мощност	Potencia mínima	minimální výkon	Minimum kraft	Mindestantriebsleistung	Minimaalne võimsus	Ελάχιστη ισχύς	Puissance minimum	Minimalna snaga	potenza minima	Minimālā jauda	Mažiausia galia
ALTER	alternate traffic direction	Еднопосочно движение	Tráfico en sentido alterno	střídavý směr plavby	Skiftende færdselsretning	Einbahnverkehr	Asendus-liiklussuund	Εναλλασσόμενη κατεύθυνση κυκλοφορίας	navigation alternée	Naizmjeničan smjer prometa	traffico in senso alternato	divvirzienu satiksme	Keičiama laivų eismo kryptis
CAUTIO	special caution	Особено внимание	Precaución especial	zvýšená opatrnost	Særlig agtpågivenhed	besondere Vorsicht	Äärmine ettevaatus	Ιδιαίτερη προσοχή	attention spéciale	Poseban oprez	particolare cautela	īpaša piesardzība	Ypatingas perspėjimas
NOLIM	no limitation	Без ограничение	Sin limitaciones	bez omezení	Ingen begrænsninger	keine Einschränkung	Piirang puudub	Κανένας περιορισμός	pas de limitation	Bez ograničenja	nessuna limitazione	bez ierobežojumiem	Apribojimų pabaiga
TURNIN	no turning	Забранено извършване на поворот	Prohibido girar	zákaz provádět obrat	Vending ikke tilladt	Wendeverbot	Pööramine keelatud	Απαγόρευση στροφής	Interdiction de virer	Zabranjeno okretanje	divieto di manovra	pagriezties aizliegts	Apsisukti draudžiama
NOSHORE	not allowed to go ashore	Забранено слизането на брега	Prohibido desembarcar	zákaz vystupovat na břeh	Ikke tilladt at gå i land	Landgangverbot	Maaleminek keelatud	Απαγόρευση αποβίβασης	Interdiction de débarquer	Zabranjen izlazak na obalu	divieto di approdo	doties krastā aizliegts	Išlipti į krantą draudžiama
CONBRE	convoy breadth	Ширина на състава	Manga del convoy	šířka sestavy	Konvojbredde	Verbandsbreite	Konvoi laius	Πλάτος νηοπομπής	Largeur du convoi	Širina sastava	larghezza del convoglio	karavānas platums	Laivų vilkstinės plotis
CONLEN	convoy length	Дължина на състава	Eslora del convoy	délka sestavy	Konvojlængde	Verbandslänge	Konvoi pikkus	Μήκος νηοπομπής	Longueur du convoi	Duljina sastava	lunghezza del convoglio	karavānas garums	Laivų vilkstinės ilgis

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LEADEP	least depth sounded	Минимална дълбочина	Profundidad mínima medida	minimální změřená hloubka	Mindste loddede dybde	minimale Tiefe	Looditud väikseim sügavus	Μικρότερο μετρηθέν βάθος	Profondeur minimale	Minimalna dubina	profondità minima rilevata	Mazākais izmērītais dziļums	Mažiausias gylis
NOBERT	no berthing	Забранена стоянка (на котва или на въргала към брега)	Prohibido atracar	zákaz stání	Ikke tilladt at lægge til kaj	Stillliegeverbot	Sildumine keelatud	Απαγόρευση πρόσδεσης	Interdiction de stationner	Zabranjeno pristajanje	divieto di attracco	doties uz piestātni aizliegts	Švartuotis draudžiama

LIMITATION CODE

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OBSTRU	zárlat	ostaklu	Stremming	Zamknięcie	Obstrução	blocaj	blokáda	zapora	Este	Blockering	Закрыто	Препрека
PAROBS	részleges tilalom	ostaklu parzjali	Gedeeltelijke stremming	Częściowe zamknięcie	Obstrução parcial	restricţie parţială	čiastočné prekážky	delna zapora	Osittainen este	Delvis obstruktion	Частично закрыто	Делимична препрека
DELAY	késedelem	dewmien	Oponthoud	Opóźnienie	Demora	întârziere	meškanie	zamuda	Viivästys	Försening	Задержка	Кашњење
VESLEN	hajóhossz	tul tal-bastiment	Scheepslengte	Długość statku	Comprimento (embarcação)	lungimea navei	dĺžka plavidla	dolžina plovila	Aluksen pituus	Fartygslängd	Длина судна	Дужина пловила
VESHEI	hajó magassága	għoli tal-bastiment	Scheepshoogte	Wysokość statku	Altura acima da linha de água (embarcação)	înălţimea deasupra liniei de plutire	výška plavidla nad hladinou	prosta višina plovila	Aluksen suurin korkeus vedenpinnasta	Fartygets höjd över vattenytan	Высота судна	Максимална висина пловила над водом
VESBRE	hajó szélessége	wisa' tal-bastiment	Scheepsbreedte	Szerokość statku	Boca (embarcação)	lăţimea navei	šírka plavidla	širina plovila	Aluksen leveys	Fartygsbredd	Ширина судна	Ширина пловила
VESDRA	hajó merülése	fundar meħtieġ għall-bastiment	Diepgang	Zanurzenie statku	Calado (embarcação)	pescajul navei	ponor plavidla	ugrez plovila	Aluksen syväys	Fartygets djupgående	Осадка	Газ пловила
AVALEN	rendelkezésre álló hosszúság	tul disponibbli	Doorvaartlengte	Długość użytkowa	Comprimento disponível	lungimea admisă	dostupná dĺžka	razpoložljiva dolžina	Käytettävissä oleva pituus	Tillgänglig längd	Ограничение длины	Расположива дужина
CLEHEI	szabad űrszelvény magasság	fond ta' spazju ħieles	Doorvaarthoogte	Wysokość w świetle	Altura livre	gabaritul de înălţime	podjazdná výška	prosta višina prehoda	Alikulkukorkeus	Frihöjd	ограничение высоты	Слободна висина
CLEWID	rendelkezésre álló szélesség	wisa' ta' spazju ħieles	Doorvaartbreedte	Szerokość w świetle	Largura livre	gabaritul de lăţime	prejazdná šírka	prosta širina prehoda	Käytettävissä oleva leveys	Farledsbredd	Ограничение ширины	Слободна ширина
AVADEP	rendelkezésre álló vízmélység	fond disponibbli	Beschikbare diepte	Głębokość użytkowa	Profundidade disponível	adâncimea disponibilă	dostupná hĺbka	razpoložljiva globina	Käytettävissä oleva syväys	Tillgängligt djup	Существующая глубина	Расположива дубина

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NOMOOR	veszteglési tilalom	irmiġġ projbit	Afmeerverbod	Zakaz cumowania	Proibição de amarrar	interdicție de acostare	zákaz vyväzovania	prepovedan privez	Kiinnittyminen kielletty	Förtöjning förbjuden	Швартовка запрещена	Забрањено везивање
SERVIC	megváltozott üzem	servizz modifikat	Beperkte service	Usługa ograniczona	Serviço limitado	manevră restricționată	zmenená prevádzka	spremenjena storitev	Rajoitettu palvelu	Begränsad service	Изменения в обслуживании	Измењена услуга
NOSERV	üzemszünet	servizz sospiż	Geen bediening	Usługa niedostępna	Interrupção do serviço	manevră interzisă	zastavená prevádzka	ni storitve	Ei palvelua	Ingen service	Не обслуживаемое	Без услуге
SPEED	sebességkorlátozás	limitu tal-veloċità	Snelheidsbeperking	Ograniczenie prędkości	Limite de velocidade	limită de viteză	najvyššia povolená rýchlosť	omejitev hitrosti	Nopeusrajoitus	Hastighets-begränsning	Ограничение скорости	Ограничење брзине
WAVWAS	hullámkeltést elkerülni	tranja tal-mewġ projbita	Golfslag vermijden	Zakaz tworzenia fal	Não causar ondulação	formarea valurilor interzisă	zákaz vlnobitia a sania	prepovedano povzročanje valov	Voimakkaan aallokon tuottaminen kielletty	Undvik svall	Не создавай волнения	Забрањено прављење таласа
PASSIN	találkozás tilos	passaġġ projbit	Ontmoeten verboden	Zakaz wymijania	Proibição de passar	traversarea interzisă	zákaz stretávania	prepovedan prehod	Ei läpikulkua	Passering förbjuden	Нет прохода	Забрањен пролаз
ANCHOR	horgonyozni tilos	ankraġġ projbit	Ankeren verboden	Zakaz kotwiczenia	Proibição de ancorar	ancorarea interzisă	zákaz kotvenia	prepovedano sidranje	Ei ankkuroitumista	Ankring förbjuden	Якорная стоянка запрещена	Забрањено сидрење
OVRTAK	előzni tilos	projbit il-qbiż ta' bastimenti ohra	Voorbijlopen verboden	Zakaz wyprzedzania	Proibição de cruzar ou ultrapassar	depășirea interzisă	zákaz predchádzania	prepovedano prehitevanje	Ei ohittamista	Omkörning förbjuden	Обгон запрещен	Забрањено престизање
MINPWR	minimális teljesítmény	potenza minima	Minimaal vermogen	Minimalna moc napędu	Potência mínima	putere minimă	minimálny výkon	najmanjša moč	Vähimmäisteho	Minsta motoreffekt	минимальная мощность	Минимална снага
ALTER	váltakozó forgalmi irány	direzzjoni alternata tat-traffiku	Beurtelings verkeer	Ruch naprzemienny	Sentido alternado	trafic cu sensuri alternative	striedajúci sa smer premávky	izmenično usmerjanje prometa	vaihteleva liikenteen suunta	Alternerande farleds-riktning	Встречное движение	Наизменични смер кретања
CAUTIO	kiemelt óvatosság	attenzjoni speċjali	Bijzondere voorzichtigheid	Szczególna ostrożność	Atenção especial	vigilență mărită	zvýšená opatrnosť	posebna pozornost	erikoisvaroitus	Varning	Соблюдай осторожность	Посебан опрез
NOLIM	nincs korlátozás	ebda restrizzjoni	Geen beperking	Koniec ograniczeń	Sem restrições	fără restricții	bez obmedzenia	brez omejitve	ei rajoitusta	Ingen begränsning	Без ограничений	Без ограничења
TURNIN	megfordulni tilos	dawran projbit	Draaien verboden	Zakaz zawracania	Proibição de inverter marcha	întoarcerea interzisă	zákaz vykonávania obratov	prepovedano obračanje	Kääntyminen kielletty	Vändning förbjuden	Поворот запрещен	Забрањено окретање
NOSHORE	partfuttatás tilos	żbark projbit	Aan wal gaan verboden	Brak pozwolenia wejścia na ląd	Proibição de ir a terra	nu este permis accesul la mal	zákaz vystupovať na breh	prepovedano izkrcanje	Maihinnousu kielletty	Ej tillåtelse att gå i land	Запрещен выход на берег	Забрањен излазак на обалу
CONBRE	kötelék szélesség	wisa' tal-konvoj	Breedte van de duwsleep	Szerokość zestawu	Largura do comboio	lățimea convoiului	šírka zostavy	širina konvoja	kytkyeen leveys	Konvojbredd	Ширина состава судов	Ширина састава

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
CONLEN	kötelék hossz	tul tal-konvoj	Lengte van de duwsleep	Długość zestawu	Comprimento do comboio	lungimea convoiului	dĺžka zostavy	dolžina konvoja	kytkyeen pituus	Konvojlängd	Длина состава судов	Дужина састава
LEADEP	minimális mélység	l-inqas fond imkejjel	Minst gepeilde diepte	Najmniejsza zmierzona głębokość	Profundidade mínima medida	adâncimea minimă	najnižšia nameraná hĺbka	najmanjša izmerjena globina	matalin luodattu syvyys	Minsta lodade djup	Минимальная глубина	Најмања измерена дубина
NOBERT	veszteglési tilalom	irmiġġ projbit	Aanleggen verboden	Zakaz cumowanie	Proibição de atracar	amararea interzisă	zákaz státia	prepovedan pristanek	Laituriin kiinnittäminen kielletty	Tilläggning förbjuden	Швартовка запрещена	Забрана пристајања

MEASURE CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
DIS	discharge	Отток	Descarga	průtok	Udledning	Abfluss	Lossimine	Εκφόρτωση	Débit	Protok	portata	Ūdens novadīšana	Vandens išleidimas
REG	regime	Режим	Régimen	režim	Vandregime	Regime	Kord	Κατάσταση ροής υδάτων	Régime	Režim	regime	Darba režīms	Režimas
BAR	barrage status	Състояние на бента	Estado presa	stav vzdutí	Status for dæmning	Wehrstellung	Paisu asend	Κατάσταση φράγματος	Statuts des barrages	Status brane	stato sbarramento	Aizsprosta stāvoklis	Užtvaros padėtis
VER	vertical clearance	Свободна височина (габарит)	Gálibo libre	podjezdná výška	Lodret frigang	Durchfahrthöhe	Läbisõidu-kõrgus	Ελεύθερο ύψος	Hauteur libre maximum	Visina slobodnog prolaza	tirante d'aria	Pieļaujamais augstums	Laivo kelio aukštis
LSD	least sounded depth	Минимална дълбочина	Profundidad mínima medida	minimální změřená hloubka	Mindste loddede dybde	minimale Tiefe	Looditud väikseim sügavus	Μικρότερο μετρηθέν βάθος	Profondeur minimale	Minimalna dubina	profondità minima rilevata	Minimālais dziļums	Mažiausias gylis
WAL	water level	Водно ниво	Nivel de agua	vodní stav	Vandstand	Wasserstand	Veetase	Στάθμη υδάτων	Niveaux des eaux	Vodostaj	livello idrometrico	Ūdens līmenis	Vandens lygis
NOM	no measurement	Няма измерване	Sin medida	žádné měření	Ingen måling	kein Messwert	Ei mõõdeta	Καμία μέτρηση	Pas de mesure	Nema mjerenja	nessuna misurazione	nav mērījuma	Neišmatuota

MEASURE CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
DIS	lefolyás	ħruġ ta' ilma	Afvoer	Spust	Descarga	debit	prietok	pretok	Virtaus	Utsläpp	Спуск воды	Протицај
REG	vízjárás	rata tal-fluss	Regime	Reżim	Regime	regim	režim	režim	Vedenkorkeussuhteet	Ordning	Судоходный режим	Режим
BAR	duzzasztási állapot	status tal-milqgħa	Stuwstand	Stan zapory	Status da barragem	starea barajului	stav hate	položaj zapor	Avattavan padon tilanne	Fördämningsstatus	Состояние плотины	Статус преграде
VER	szabad űrszelvény-magasság	fond ħieles	Doorvaarthoogte	Prześwit pionowy	Altura livre	înălțime liberă de trecere	podjazdná výška	prosta višina prehoda	Alikulkukorkeus	Frihöjd	Высота судоходного пролёта	Расположива висина пролаза
LSD	legkisebb vízmélység	l-inqas fond imkejjel	Minst gepeilde diepte	Głębokość minimalna	Profundidade mínima medida	adâncimea minimă	najnižšia nameraná hĺbka	najmanjša izmerjena globina	Matalin luodattu syvyys	Minsta lodade djup	Минимальная глубина	Најмања измерена дубина
WAL	vízállás	livell tal-ilma	Waterstand	Stan wody	Nível da água	nivelul apei	vodný stav	vodostaj	Vedenkorkeus	Vattennivå	Уровень воды	Ниво воде
NOM	nincs mérési adat	ebda kejl	Geen meting	Brak pomiaru	Sem medição	măsurători lipsă	žiadna nameraná hodnota	ni meritve	ei mitattu	Ingen mätning	Нет измерений	Нема мерења

POSITION CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
AL	all	Навсякъде (всички направления)	Todo	vše	Alt	ganz	Kõik	Ολόκληρη η πλωτή οδός	Tout le chenal	Svi smjerovi	intero canale navigabile	Laba redzamība	Visur
LE	left	Ляво	Izquierda	vlevo	Venstre	links	Vasakpoolne	Αριστερά	Gauche	Lijevo	sinistra	Pa kreisi	Kairė
MI	middle	В средата	Centro	střed	Midten	Mitte	Keskmine	Στο μέσο	Milieu	Sredina	centro	Vidū	Vidurys
RI	right	Дясно	Derecha	vpravo	Højre	rechts	Parempoolne	Δεξιά	Droite	Desno	destra	Pa labi	Dešinė
LB	left bank	Ляв бряг	Margen izquierda	levý břeh	Venstre bred	linkes Ufer	Vasak kallas	Αριστερή όχθη	Rive gauche	Lijeva obala	sponda sinistra	Kreisais krasts	Kairysis krantas
RB	right bank	Десен бряг	Margen derecha	pravý břeh	Højre bred	rechtes Ufer	Parem kallas	Δεξιά όχθη	Rive droite	Desna obala	sponda destra	Labais krasts	Dešinysis krantas
N	north	Северно	Norte	sever	Nord	Nord	põhi	Βόρεια	Nord	Sjeverno	nord	Uz ziemeļiem	Šiaurė
NE	north-east	Североизточно	Noreste	severovýchod	Nordøst	Nord-Ost	kirre	Βορειοανατολικά	Nord-est	Sjeveroistočno	nord-est	Uz ziemeļaustrumiem	Šiaurės rytai
E	east	Източно	Este	východ	Øst	Ost	ida	Ανατολικά	Est	Istočno	est	Uz austrumiem	Rytai
SE	south-east	Югоизточно	Sureste	jihovýchod	Sydøst	Süd-Ost	kagu	Νοτιοανατολικά	Sud-est	Jugoistočno	sud-est	UZ dienvidaustrumiem	Pietryčiai
S	south	Южно	Sur	jih	Syd	Süd	lõuna	Νότια	Sud	Južno	sud	Uz dienvidiem	Pietūs
SW	south-west	Югозападно	Suroeste	jihozápad	Sydvest	Süd-West	edel	Νοτιοδυτικά	Sud-ouest	Jugozapadno	sud-ovest	Uz dienvidrietumiem	Pietvakariai
W	west	Западно	Oeste	západ	Vest	West	lääs	Δυτικά	Ouest	Zapadno	ovest	Uz rietumiem	Vakarai
NW	north-west	Северозападно	Noroeste	severozápad	Nordvest	Nord-West	loe	Βορειοδυτικά	Nord-ouest	Sjeverozapadno	nord-ovest	Uz ziemeļrietumiem	Šiaurės vakarai
BI	big	Голям	Grande	velký	Stor	groß	suur	Μεγάλο	grand	Velik	grande	liels	Didelis
SM	small	Малък	Pequeño	malý	Lille	klein	väike	Μικρό	petit	Mali	piccolo	mazs	Mažas
OL	old	Стар	Antiguo	starý	Gammel	alt	vana	Παλαιό	vieux	Star	vecchio	vecs	Senas

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
EW	new	Нов	Nuevo	nový	Ny	neu	uus	Νέο	nouveau	Nov	nuovo	jauns	Naujas
MP	movable part	Подвижна част	Parte móvil	pohyblivá část	Bevægelig del	beweglicher Teil	avatav osa	Κινητό τμήμα	partie amovible	Pokretni dio	parte mobile	kustīgā daļa	Slankioji dalis
FP	fixed part	Неподвижна част	Parte fija	pevná část	Fast del	fester Teil	fikseeritud osa	Σταθερό τμήμα	partie fixe	Nepokretni dio	parte fissa	nekustīgā daļa	Stacionarioji dalis
VA	variable	променлив	Variable	proměnlivé	Variabel	veränderlich	muutuv	Μεταβλητό	variable	Promjenjivo	variabile	mainīgs	Kintamas
GY	green buoy	Зелен буй	Boya verde	zelená bóje	Grøn bøje	grüne Boje	roheline poi	Πράσινος σημαντήρας	bouée verte	Zelena plutača	boa verde	zaļa boja	Žalias plūduras
RY	red buoy	Червен буй	Boya roja	červená bóje	Rød bøje	rote Boje	punane poi	Κόκκινος σημαντήρας	bouée rouge	Crvena plutača	boa rossa	sarkana boja	Raudonas plūduras

POSITION CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
AL	mind/teljesen	kollha	Geheel	wszędzie	Todas	toată calea navigabilă / întregul obiect	všetky	vse	Kaikki	Hela	Все направления	Све
LE	bal	xellug	Links	po lewej	Esquerda	stânga	vľavo	levo	Vasen	Vänster	Слева	Лево
MI	közép	nofs	Midden	pośrodku	Centro	mijloc	v strede	sredina	Keskimmäinen	Mitten	В середине	Средина
RI	jobb	lemin	Rechts	po prawej	Direita	dreapta	vpravo	desno	Oikea	Höger	Справа	Десно
LB	bal part	xatt tax-xellug	Linkeroever	lewy brzeg	Margem esquerda	malul stâng	ľavý breh	levi breg	Vasen ranta	Vänstra banken	Левый берег	Лева обала
RB	jobb part	xatt tal-lemin	Rechteroever	prawy brzeg	Margem direita	malul drept	pravý breh	desni breg	Oikea ranta	Högra banken	Правый берег	Десна обала
N	észak	it-Tramuntana	Noord	północ	Norte	nord	severne	severno	Pohjoinen	Nord	К северу	Север
NE	észak-kelet	il-Grigal	Noordoost	północny wschód	Nordeste	nord-est	severo-východne	severovzhodno	Koillinen	Nordost	К северо-востоку	Североисток
E	kelet	il-Lvant	Oost	wschód	Leste	est	východne	vzhodno	Itä	Öst	К востоку	Исток
SE	dél-kelet	ix-Xlokk	Zuidoost	południowy wschód	Sudeste	sud-est	juho-východne	jugovzhodno	Kaakko	Sydost	К юго-востоку	Југоисток

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
S	dél	in-Nofsinhar	Zuid	południe	Sul	sud	južne	južno	Etelä	Syd	К югу	Југ
SW	dél-nyugat	il-Lbiċ	Zuidwest	południowy zachód	Sudoeste	sud-vest	juho-západne	jugozahodno	Lounas	Sydväst	К юго-западу	Југозапад
W	nyugat	il-Punent	West	zachód	Oeste	vest	západne	zahodno	Länsi	Väst	К западу	Запад
NW	észak-nyugat	il-Majjistral	Noordwest	północny zachód	Noroeste	nord-vest	severo-západne	severozahodno	Luode	Nordväst	К северо-западу	Северозапад
BI	nagy	kbir	Groot	duży	Grande	mare	veľký	velik	iso	Stor	большой	Велики
SM	kicsi	żgħir	Klein	mały	Pequeno	mic	malý	majhen	pieni	Liten	малый	Мали
OL	régi	qadim	Oud	stary	Antigo	vechi	starý	star	vanha	Gammal	старый	Стари
EW	új	ġdid	Nieuw	nowy	Novo	nou	nový	nov	uusi	Ny	новый	Нови
MP	mozgatható rész	parti mobbli	Beweegbaar deel	część ruchoma	Parte móvel	parte amovibilă	pohyblivá časť	premični del	liikkuva osa	Rörlig del	подвижная часть	Покретан део
FP	rögzített rész	parti fissa	Vast deel	część stała	Parte fixa	parte fixă	pevná časť	fiksni del	kiinteä osa	Fast del	неподвижная часть	Непокретан део
VA	változó	varjabbli	Variabel	zmienny	Variável	parte variabilă	premenlivá	spremenljiv	vaihtelee	Variabel	переменный	Променљива
GY	zöld úszó	baga ħadra	Groene boei	zielona pława	Boia verde	geaman- dura verde	zelená bója	zelena boja	vihreä poiju	Grön boj	зелёный буй	Зелена бова
RY	piros úszó	baga ħamra	Rode boei	czerwona pława	Boia vermelha	geaman-dură roşie	červená bója	rdeča boja	punainen poiju	Röd boj	красный буй	Црвена бова

REASON CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
EVENT	event	Случай	Suceso	událost	Begivenhed	Veranstaltung	Sündmus	Συμβάν	Evénement	Događaj	avvenimento	Pasākums	Įvykis
WORK	work	Работи (действия)	Obras	práce	Arbejder	Arbeiten	Töötamine	Εργασίες	Travaux	Radovi	lavori	Darbs	Darbai
DREDGE	dredging	Драгажни работи	Dragado	bagrování	Opmudring	Baggerarbeiten	Süvendamine	Βυθοκόρηση	Dragage	Iskapanje	dragaggio	Bagarēšanas darbi	Dugno gilinimas
EXERC	exercises	Упражнения	Ejercicios	cvičení	Øvelser	Übungen	Õppused	Ασκήσεις	exercices	Vježbe	esercitazioni	Vingrinājumi	Pratybos
HIGWAT	high water	Високи води	Nivel de agua elevado	vysoký vodní stav	Højvande	Hochwasser	Kõrgvesi	Υψηλή στάθμη υδάτων	Crue	Visok vodostaj	piena	Augsts ūdens līmenis	Aukštas vandens lygis
HIWAI	water level of cautious navigation	Водно ниво изискващо повишено внимание при корабоплаване	Nivel de agua para navegación prudente	vodní stav zvýšené opatrnosti plavby	Forsigtig sejlads pga. vandstanden	Marke I.	Ettevaatliku laevatamise veetase	Στάθμη υδάτων προσεκτικής ναυσιπλοΐας	Niveau d'eau nécessitant une navigation prudente	Vodostaj oprezne plovidbe	livello idrometrico di prudenza per la navigazione	Ūdens līmenis bīstams kuģošanai	Laivybai pavojingas vandens lygis
HIWAII	prohibitory water level	Водно ниво възпрепятстващо корабоплаването	Nivel de agua de prohibición	vodní stav, při kterém je zakázaná plavba	Forbud mod sejlads pga. vandstanden	Marke II oder Marke III	Laevatamiseks keelatud veetase	Απαγορευτική στάθμη υδάτων	Niveau d'eau d'interdiction	Vodostaj zabrane plovidbe	livello idrometrico proibitivo	Ūdens līmenis, kurā kuģošana aizliegta	Laivybą draudžiantis vandens lygis
LOWWAT	low water	Ниски води	Nivel de agua bajo	nízký vodní stav	Lavvande	Niedrigwasser	Madal vesi	Χαμηλή στάθμη υδάτων	Etiage	Nizak vodostaj	livello di magra	Zems ūdens līmenis	Žemas vandens lygis
SHALLO	siltation	Плитчина	Sedimentación	naplaveniny	Aflejringer	Versandung	Mudastumine	Σχηματισμός ιλύος	Atterissement	Pličina	accumulo di sabbia	Aizsērēšana	Sąnašos
CALAMI	calamity	Бедствие	Accidente	havárie	Nødsituation	Havarie	Õnnetus	Καταστροφή	Accident	Havarija	calamità	Negadījums	Avarija
LAUNCH	launching	Спускане на вода	Lanzamiento	spouštění na vodu	Søsætning	Stapellauf	Veeskamine	Καθέλκυση	Mise à l'eau	Porinuće	varo	Kuģa nolaišana ūdenī	Laivo nuleidimas į vandenį
DECLEV	lowering water level	Понижаване на водното ниво	Nivel de agua en descenso	pokles vodní hladiny	Vandstanden sænkes	Senken des Wasserspiegels	Veetaseme vähenemine	Μειούμενη στάθμη υδάτων	Abaissement du niveau de l'eau	Vodostaj u opadanju	calo del livello idrometrico	Ūdens līmeņa pazemināšana	Vandens lygio slūgimas
FLOMEA	flow measurement	Измерване на оттока	Medición de caudal	měření průtoku	Flowmåling	Strömungsmessung	Voolu mõõtmine	Μέτρηση ροής	Opération de mesure de débit	Mjerenje protoka	portata idrometrica	Straumes ātruma noteikšana	Tėkmės parametrų matavimas
BLDWRK	building work	Строителни работи	Obras de construcción	stavební práce	Anlægsarbejder	Bauarbeiten	Ehitustöö	Κατασκευαστικές εργασίες	Travaux de construction	Izgradnja	lavori di costruzione	Būvdarbi	Statybos

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
REPAIR	repair	Ремонтни работи	Reparación	opravy	Reparation	Reparaturarbeiten	Remont	Επισκευές	Travaux de réparation	Popravci	intervento di riparazione	Remonts	Remontas
INSPEC	inspection	Инспекция	Inspección	inspekce	Inspektion	Inspektion	Inspekteerimine	Επιθεώρηση	Inspection	Inspekcija	ispezione	Inspekcija	Apžiūra
FIRWRK	fireworks	Взривни работи	Fuegos artificiales	ohňostroj	Fyrværkeri	Feuerwerk	Ilutulestik	Πυροτεχνήματα	Feux d'artifice	Vatromet	fuochi d'artificio	Liesmu darbi	Fejerverkai
LIMITA	limitations	Ограничения	limitaciones	omezení	Begrænsninger	Einschränkungen	Piirangud	Περιορισμοί	restriction de la navigation	Ograničenja	limitazioni alla navigazione	Ierobežojumi	Apribojimai
CHGFWY	changes of the fairway	Изменение на фарватера	Cambios en vía navegable	změny plavební dráhy	Ændring af farvandet	Änderungen des Fahrwassers	Muudatused faarvaatris	Μεταβολές στον δίαυλο	modification du chenal navigable	Promjene u plovnom putu	modifiche del canale navigabile	Izmaiņas kuģu ceļā	Pasikeitimai farvateryje
CONSTR	constriction of fairway	Изграждане на воден път	Estrechamiento de vía navegable	zúžení vodní cesty	Indsnævring af vandvejen	Einengung des Fahrwassers	Faarvaatri kontriktsioon	Κατασκευή πλωτής οδού	rétrécissement du chenal navigable	Suženje plovnog puta	restrizione del canale navigabile	Ūdens ceļa sašaurinājums	Farvaterio susiaurėjimas
DIVING	diver under the water	Водолаз под водата	Presencia de submarinistas	práce pod vodou	Dykkere i arbejde	Taucher unter Wasser	Tuuker vee all	Υποβρύχιες εργασίες	plongeurs au travail	Ronilac pod vodom	sommozzatore in immersione	Ūdenslīdēju darbi	Vandenyje naras
SPECTR	special transport	Специализиран транспорт	Transporte especial	zvláštní přeprava	Særlig transport	Sondertransport	Erivedu	Ειδικές μεταφορές	transport spécial	Specijalni prijevoz	trasporto speciale	Īpašs transports	Specialus transportas
EXT	extensive sluicing	Активно изпускане на вода	Barrido extensivo	rozsáhlé vymílání	Omfattende slusedrift	extreme Dotierung	Laialdane lüüsikasutus	Εκτεταμένη εκκένωση υδατοφράκτη	Service étendu	Izrazito istjecanje	regolazione intensiva della portata idrometrica	Liela pārplūde	Gausus vandens nuleidimas
MIN	minimum sluicing	Минимално изпускане на вода	Barrido mínimo	minimální vymílání	Minimum slusedrift	minimale Dotierung	Minimaalne lüüsikasutus	Ελάχιστη εκκένωση υδατοφράκτη	Service minimum	Minimalno istjecanje	regolazione minima della portata idrometrica	Minimāla pārplūde	Minimalus vandens nuleidimas
SOUND	sounding works	Дълбочинно-измервателни работи	Obras de sondeo	měření plavební hloubky	Oplodning	Peilarbeiten	Loodimistööd	Εργασίες ηχοβολισμού	Travaux de sondage	Mjerenja dubine	lavori di scandaglio	Zondēšana	Zondavimo darbai
OTHER	others	Друго	Otros	jiné	Andet	andere	Muud	Λοιπά	Autres	Ostalo	diversi	Citi	Kita

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
INFSER	info service	Информационна служба (няма значение за безопасността на корабоплаването и не изисква планиране на рейса)	Servicio de información	Informační servis (netýká se bezpečnosti ani plánování plavby)	Informationstjeneste	Informationsservice	Teabeteenus (ei ole seotud ohutusega ega ole vajalik reisi korraldamisel)	Πληροφορίες (δεν έχει σχέση με την ασφάλεια και δεν χρειάζεται για τον προγραμματισμό του ταξιδιού)	Information (n'a pas d'impact sur la sécurité et n'est pas nécessaire au calcul d'itinéraire)	Informacijska usluga (ne odnosi se na sigurnost i nije potrebna za planiranje putovanja)	servizio informazioni (senza rilevanza ai fini della sicurezza e della pianificazione dell'itinerario)	Informācijas dienests (nav saistīts ar drošumu un nav vajadzīgs reisa plānošanai)	Informacija (nesusijusi su saugumu ir nebūtina planuojant reisą)
STRIKE	strike	Удар	Huelga	stávka	Strejke	Streik	Streik	Απεργία	Grève	Štrajk	sciopero	Streiks	Streikas
FLOMAT	floating material	Плаващи материали	Material flotante	plovoucí materiál	Flydende materiel	Treibgut	Ujuvmaterjal	Υλικό που επιπλέει	Embâcle	Plutajući predmeti	materiale flottante	Peldošs objekts	Plūduriuojantys daiktai
EXPLOS	explosives clearing operation	Взривни работи за разчистване	Operación de limpieza con explosivos	zneškodňování výbušnin	Rydning af sprængstoffer	Bombenräumung	Demineerimisoperatsioon	Επιχείρηση άρσης ναρκοπεδίου	opération de déminage	Raščišćavanje eksplozivom	operazione di sminamento	Sprāgstvielu neitralizēšanas operācija	Sprogmenų šalinimo operacija
OBUNWA	obstruction under water	Подводно препятствие	Obstrucción bajo el agua	plavební překážka	Hindring under vandlinjen	Einschränkung unter Wasser	Veealune takistus	Υποβρύχια παρεμπόδιση	objet immergé	Prepreka ispod vode	ostruzione sommersa	Zemūdens šķērslis	Povandeninė kliūtis
FALMAT	falling material	Падащи материали	Material desprendido	padající materiál	Faldende materiel	herabfallende Gegenstände	Kukkuvad esemed	Πτώση αντικειμένων	chutes d'objets	Padajući predmeti s visine	caduta di materiale	Krītošs objekts	Krentantys daiktai
DAMMAR	damaged marks/signs	Повредена сигнализация/знаци	Marcas/señales estropeadas	poškozená signalizace	Beskadigede sømærker/skiltning	beschädigte Zeichen	Kahjustatud märgid/viidad	Κατεστραμμένα σημεία/σήματα	panneaux de signalisation endommagés	Oštećene oznake	segnaletica danneggiata	Bojātas zīmes/norādes	Pažeistos žymos / ženklai
HEARIS	health risk	Опасност за здравето	Riesgo para la salud	zdravotní riziko	Sundhedsrisiko	Gesundheitsgefahr	Terviseoht	Κίνδυνος για την υγεία	risques pour la santé	Opasnost za zdravlje	rischio per la salute	Veselības risks	Pavojus sveikatai
ICE	ice	Лед	Hielo	led	Is	Eis	Jää	Πάγος	glace	Led	ghiaccio	Ledus	Ledas
OBSTAC	obstacle	Препятствие	Obstáculo	překážka	Hindring	Schifffahrtshindernis	Takistus	Εμπόδιο	obstacle à la navigation	Prepreka	ostacolo alla navigazione	Šķērslis	Kliūtis
CHGMAR	change marks	Изменение в сигнализацията	Cambio de señalización	změna značení	Ændret signalering	Schifffahrtszeichen geändert	Muudatus-tähis	Αλλαγή σημείων	Signalisation modifée	Promjena navigacijske oznake	segnaletica modificata	Mainītas zīmes	Ženklų keitimas
HIGVOL	high voltage cable	Високо напрежение	Línea de alta tensión	vedení vysokého napětí	Højspændingskabler	Hochspannungsleitung	Kõrgepingejuhtivus	Αγωγός υψηλής τάσης	Ligne haute tension	Visokonaponski kabel	alta tensione	Augstsprieguma	Aukštos įtampos kabelis
ECDISU	Inland ECDIS update	Обновяване на ECDIS	Actualización ECDIS fluvial	aktualizace informací Inland ECDIS	Inland ECDIS update	Inland ECDIS Update	Uuendatud sisemaine ECDIS	Επικαιροποίηση ECDIS εσωτ. ναυσ.	Mise à jour des données Inland ECDIS	Ažuriranje sustava Inland ECDIS	aggiornamento ECDIS interno	*Inland ECDIS informācijas atjaunošana*	Inland ECDIS informacijos atnaujinimas

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
LOCRUL	local rules of traffic	Местни (локални) правила за движение	Normas locales de tráfico	místní úprava plavebních předpisů	Lokale trafikregler	lokal gültige Verkehrsvorschriften	Kohalikud liiklusees-kirjad	Τοπικοί κανόνες κυκλοφορίας	règlements particuliers de police	Lokalni prometni propisi	regole di traffico locali	Vietēji satiksmes noteikumi	Vietinės laivų eismo taisyklės
NEWOBJ	new object	Нов обект	Nuevo objeto	nový objekt	Nyt objekt	neues Objekt	Uus ese	Νέο αντικείμενο	Nouvel objet	Novi objekt	nuovo oggetto	Jauns objekts	Naujas objektas
MISECH	false radar echos	Грешно радарно ехо	Ecos radar falsos	falešná ozvěna	Falsk radarekko	Geisterechos	Radari vale kajasignaal	Εσφαλμένα σήματα ραντάρ	Faux échos radar	Pogrešan radarski odziv	rilevazioni radar distorte	Maldigs radara ehosignals	Klaidingi radaro rodmenys
VHFCOV	radio coverage	Радио покритие (обхват)	Cobertura de radio	rádiové pokrytí	Radiodækning	Funkabdeckung	Raadio leviala	Κάλυψη ασυρμάτου	Couverture radio	Radijska pokrivenost	copertura radio	Radiosignālu pārklājums	Radijo ryšio zona
REMOBJ	removal of object	Демонтиране на обект	Retirada de un objeto	odstranění objektu	Fjernelse af objekt	Bergungsarbeiten	Eseme eemaldamine	Απομάκρυνση αντικειμένου	enlèvement d'objet	Uklanjanje objekta	rimozione di oggetti	Objekta noņemšana	Objekto šalinimas
LEVRIS	rising water level	Растящо водно ниво	Nivel de agua en ascenso	stoupající vodní stav	Stigende vandstand	steigender Wasserstand	Veetaseme tõusmine	Αυξανόμενη στάθμη υδάτων	Eaux montantes	Vodostaj u porastu	livello idrometrico in aumento	Kāpjošs ūdens līmenis	Kylantis vandens lygis
SPCMAR	special marks	Специална сигнализация	Señalización especial	zvláštní signalizace	Særlig signalering	besondere Zeichen	Eritähised	Ειδικά σημεία	Signalisation spéciale	Posebne oznake	segnaletica speciale	Īpašas zīmes	Specialieji ženklai
WERMCO	weather conditions	Метеорологични условия	Condiciones meteorológicas	povětrnostní podmínky	Vejrforhold	Wetterbedingungen	Ilmastikuolud	Καιρικές συνθήκες	conditions météo	Vremenski uvjeti	condizioni meteorologiche	Laikapstākļi	Oro sąlygos

REASON CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
EVENT	rendezvény	avveniment	Evenement	Impreza	Evento	eveniment	udalosť	prireditev	Tapahtumat	Evenemang	Мероприятие	Догађај
WORK	munkálatok	xogħol	Werkzaamheden	Prace	Trabalhos	lucrări	práce	delo	Työt	Arbeten	Работы	Радови
DREDGE	kotrási munkálatok	tħammil	Baggeren	Pogłębianie	Dragagens	lucrări de dragaj	bagrovanie	poglabljanje dna	Ruoppaustyöt	Muddring	Землечерпательные работы	Багеровање
EXERC	gyakorlatok	eżerċizzji	Oefeningen	Ćwiczenia	Exercícios	exerciţii	cvičenia	vaje	Harjoitukset	Övningar	Испытания	Вежбе
HIGWAT	magas vízállás	livell għoli tal-ilma	Hoogwater	Wysoki stan wody	Nível de cheia	ape mari	vysoký vodný stav	visok vodostaj	Korkea vesi	Högvatten	Высокая вода	Велика вода

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HIWAI	kíméletes hajózási vízszint	livell tal-ilma li jehtieġ navigazzjoni b'attenzjoni	Waterstand met beperkte scheepvaart	Stan wody wymagający ostrożnej żeglugi	Nível da água que obriga a navegação prudente	nivelul apei de avertizare pentru navigaţie	vodný stav pre opatrnú plavbu	vodostaj, ki zahteva previdno plovbo	varovaista liikkumista edellyttävä vedenkorkeus	Försiktig navigering p.g.a. vattennivån	Уровень опасный для судоходства	Водостај при којем је потреба опрезна пловидба
HIWAII	tilalmi vízszint	livell tal-ilma projbittiv	Waterstand met vaarverbod	Stan wody uniemożliwiający żeglugę	Nível da água que impossibilita a navegação	nivelul apei de interdicţie	vodný stav pri ktorom je zakázaná plavba	vodostaj, ki ne dovoljuje plovbe	kiellon aiheuttava vedenkorkeus	Förbud p.g.a. vattennivån	Уровень запрещающий судоходство	Водостај при којем се забрањује пловидба
LOWWAT	alacsony vízállás	livell baxx tal-ilma	Laagwater	Niski stan wody	Nível de estiagem	ape mici	nízky vodný stav	nizek vodostaj	Matala vesi	Lågvatten	Низкая вода	Мала вода
SHALLO	gázlóképződés	sediment	Verondieping	Mielizna	Assoreamento	întinsură	naplaveniny	usedlina	Liettyminen	Slam-avsättning	Обмеление	Плићак
CALAMI	havaria/baleset	diżastru	Calamiteit	Wypadek	Acidente	calamitate	havária	nesreča	Onnettomuus	Olycka	Авария	Хаварија
LAUNCH	vízrebocsájtás	varar	Tewaterlating	Wodowanie	Lançamento à água	lansare la apă	spúšťanie na vodu	splavitev	Vesillelasku	Sjösättning	Спуск на воду	Поринуће
DECLEV	vízszint csökkentése	livell tal-ilma li qed jitbaxxa	Waterstandsverlaging	Spadek poziomu wody	Descida do nível da água	nivelul apei în scădere	klesajúca vodná hladina	nižanje vodostaja	Vedenkorkeuden laskeminen	Sjunkande vattennivå	Понижение уровня воды	Водостај у опадању
FLOMEA	áramlás mérése	kejl tal-fluss	Stroomsnelheidsmeting	Pomiar prądu	Caudal	operaţiune de măsurare a debitului	meranie prietoku	merjenje pretoka	Virtauksen mittaaminen	Flödes-mätning	измерение скорости течения	Мерење протицаја
BLDWRK	építési munkálatok	xogħol ta' bini	Bouwwerkzaamheden	Roboty budowlane	Obras	lucrări de construcţii	stavebné práce	gradbena dela	Rakennustyöt	Byggnads-arbete	Строительство	Радови
REPAIR	javítási munkálatok	tiswija	Herstelwerkzaamheden	Prace remontowe	Reparações	lucrări de reparaţii	opravy	popravilo	Korjaustyöt	Reparations-arbete	Ремонтные работы	Поправка
INSPEC	szemle	spezzjoni	Inspectiewerkzaamheden	Inspekcja	Inspeção	inspecţie	inšpekcia; prehliadka; kontrola	inšpekcijski pregled	Tarkastus	Inspektion	Инспекция	Инспекција
FIRWRK	tűzijáték	logħob tan-nar	Vuurwerk	Sztuczne ognie	Fogo de artifício	focuri de artificii	ohňostroj	ognjemet	Ilotulitus	Fyrverkerier	Взрывные работы	Ватромет
LIMITA	korlátozás	restrizzjonijiet	Beperkingen	Ograniczenia	Restrições	restricţii	obmedzenia	omejitve	Rajoitukset	Begränsningar	Ограничения	Ограничења
CHGFWY	hajóútváltozás	bidliet tal-kanali navigabbli	Verandering van de vaarweg	Zmiany toru wodnego	Alterações no canal navegável	schimbări şenal navigabil	zmeny v plavebnej dráhe	spremembe na plovni poti	muutokset väylällä	Ändringar av farleden	изменение фарватера	Промене пловног пута
CONSTR	hajóútszűkület	restrizzjoni tal-kanal navigabbli	Beperking van de vaarweg	Zwężenie toru wodnego	Estreitamento da via navegável	îngustare cale navigabilă	zúženie vodnej cesty	zoženje plovne poti	vesiväylän kaventuminen	Smalare vattenväg	Сужение фарватера	Сужење пловног пута

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DIVING	vízalatti munkák	bugħaddas taħt l-ilma	Duikwerkzaamheden	Nurek pod wodą	Presença de mergulhadores	scafandru în apă	potápač pod vodou	dela pod vodo	sukeltaja veden alla	Dykare i vattnet	Водолазные работы	Подводни радови
SPECTR	különleges szállítás	trasport speċjali	Bijzonder vervoer	Transport specjalny	Transporte especial	transport special	špeciálna preprava	posebni prevoz	erikoiskuljetus	Special-transport	специальная перевозка	Специјални транспорт
EXT	nagymértékű vízeresztés	kontroll estensiv tal-ilma	Uitgebreid schutbedrijf	Intensywne śluzowanie	Regime de descarga máximo	trafic de ecluză intens	rozsiahle dotovanie	ekstenzivno odtekanje	laajamittainen sulutus	Omfattande drift	значительный спуск воды	Значајно истицање
MIN	minimális vízeresztés	kontroll minimu tal-ilma	Minimaal schutbedrijf	Minimalne śluzowanie	Regime de descarga mínimo	trafic de ecluză redus	minimálne dotovanie	minimalno odtekanje	vähimmäissulutus	Minimidrift	минимальный спуск воды	Минимално истицање
SOUND	mélységmérési munka	xogħlijiet ta' kejl tal-fond	Peilwerkzaamheden	Pomiary głębokości	Sondagens	lucrări de sondaj	sondovacie práce	merjenje globine	luotaustyöt	Lodnings-arbete	промерные работы	Мерења дубина
OTHER	egyéb	oħrajn	Overige	Inne	Outros	altele	Iné	drugo	muutokset väylällä	Annat	другое	Остало
INFSER	Tájékoztatás (nem biztonsági közlemény és útiterv készítéséhez nem szükséges)	servizz ta' informazzjoni	Informatieservice	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 siguranţa traficului şi nu este necesar pentru planificarea voiajelor)	Informačná služba (netýka sa bezpečnosti ani plánovania plavby)	informacijska služba	Tietopalvelu (ei ole olennainen turvallisuuden kannalta eikä tarpeen matkan suunnittelussa)	Informationstjänst (inte säkerhets-relaterad och inte nödvändig för färdplanering)	Информационная служба (не значительна для безопасности и нет необходимости в ней для планирования рейса)	Услуга информисања (није релевантна за безбедност пловидбе и није потребна за планирање путовања)
STRIKE	sztrájk	strajk	Staking	Strajk	Greve	grevă	štrajk	stavka	Lakko	Strejk	Забастовка	Удар
FLOMAT	úszó anyag	materjal f'wiċċ l-ilma	Drijvend materiaal	Materiał pływający	Material flutuante	material plutitor	plávajúci materiál	plavajoči predmeti	Kelluva aines	Flytande föremål	Плавучий материал	Плутајући материјал
EXPLOS	robbanóanyag eltávolítás	operazzjoni ta' tneħħija ta' splussivi	Verwijderen van explosieven	Operacja usuwania materiałów wybuchowych	Operação de desminagem	explozive pentru degajare	zneškodňovanie výbušnín	odstranjevanje eksplozivov	Räjähteiden raivaaminen	Röjning av explosivt material	Разминирование	Операција разминирања
OBUNWA	víz alatti akadály	ostaklu taħt l-ilma	Belemmering onder water	Przeszkoda podwodna	Obstrução subaquática	obstacol subacvatic	prekážka pod vodou	zapora pod vodo	Vedenalainen este	Undervattenshinder	Препятствие под водой	Препрека под водом
FALMAT	lehulló anyagok	materjal qed jaqa'	Vallend materiaal	Materiał spadający	Queda de materiais	material care cade	padajúci materiál	padajoči predmeti	Putoava aines	Fallande föremål	Падающий материал	Матариjал који пада
DAMMAR	sérült jelzés	sinjali bil-ħsara	Beschadigde markeringen/symbolen	Uszkodzone znaki/sygnały	Marcas/sinais danificados	semnale avariate	poškodené signálne znaky	poškodovane oznake/znaki	Vaurioituneet merimerkit	Skadade markeringar/signaler	Поврежденные знаки/огни	Оштећен знак

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HEARIS	egészségügyi kockázat	riskju għas-saħħa	Gezondheidsrisico	Zagrożenie dla zdrowia	Risco para a saúde	risc de îmbolnăvire	zdravotné riziko	tveganje za zdravje	Terveysriski	Hälsorisk	Риск здоровью	Опасноист по здравље
ICE	jég	silġ	IJs	Lód	Gelo	gheață	ľad	led	Jää	Is	лед	Лед
OBSTAC	akadály	ostaklu	Obstakel	Przeszkoda	Obstáculo	obstacol	prekážka	ovira	Este	Hinder	Препятствие (помеха)	Препрека
CHGMAR	forgalmi jelek változtatása	bidla fis-sinjali	Gewijzigde markering	Zmiana oznakowania	Alteração da sinalização	semnalizare modificată	zmena značenia	sprememba oznak	Merkit muuttuneet	Ändrad märkning	Изменение СНО	Промена знака
HIGVOL	nagy feszültségű átfeszítés	kejbil b'voltaġġ għoli	Hoogspanningskabel	Linia wysokiego napięcia	Linha de alta tensão	linie de înaltă tensiune	vedenie vysokého napätia	visokonapetostni kabel	Korkeajännitejohto	Högspänningsledning	высоковольтный кабель	Кабл под високим напоном
ECDISU	Inland ECDIS frissítés	aġġornament tal-ECDIS Interna	Inland ECDIS-update	Aktualizacja Inland ECDIS	Atualização ECDIS-fluvial	actualizarea datelor ECDIS	aktualizácia Inland ECDIS	posodobitev celinskega ECDIS	Sisävesiliikenteen ECDIS:n päivitys	Uppdatering av inlands-ECDIS	Обновление информации для Inland ECDIS	Ажуриран Inland ECDIS
LOCRUL	helyi közlekedési rend (R)	regoli lokali tat-traffiku	Lokale verkeersregels	Miejscowe przepisy ruchu statków	Regras de tráfego locais	regulamente locale de trafic	lokálne pravidlá plavby	lokalna prometna pravila	paikalliset liikennöintisäännöt	Lokala trafikregler	Местные правила судоходства	Локална правила пловидбе
NEWOBJ	Új objektum	oġġett ġdid	Nieuw object	Nowy obiekt	Novo objeto	obiect nou	nový objekt	nov objekt	Uusi kohde	Nytt föremål	Новый объект	Нови објекат
MISECH	hamis radarvisszhangok	eki foloz tar-radar	Valse radarecho's	Fałszywe echa radarowe	Ecos radar falsos	ecou radar fals	falošná odozva	napačni odmevi radarja	Virheellisiä tutkakaikuja	Falska radarekon	Ложная радарная цель	Лажни радарски одраз
VHFCOV	rádiós lefedettség	kopertura tar-radju	Radiodekking	Pokrycie radiowe	Cobertura rádio	acoperire radio	rádiové pokrytie	pokritost radijskih zvez	Radion kuuluvuusalue	Radiotäckning	Покрытие радиосигналом	Покривеност радио сигналом
REMOBJ	mentési munkálatok	tneħħija ta' oġġett	Verwijderen van object	Usuwanie objektu	Remoção de objetos	schimbarea obiectului	odstránenie objektu	odstranitev objekta	Kohteen poistaminen	Bärgning av föremål	Удаление объекта	Уклањање објекта
LEVRIS	emelkedő vízállás	livell tal-ilma qed jogħla	Waterstandsverhoging	Wzrost stanu wody	Subida do nível da água	creşterea nivelului apei	stúpajúca vodná hladina	višanje vodostaja	Vedenkorkeus nousee	Stigande vattennivå	Повышение уровня воды	Ниво воде у порасту
SPCMAR	speciális jelek	sinjali speċjali	Bijzondere markeringen	Znaki specjalne	Sinalização especial	semnalizare specială	špeciálne značenie	posebne oznake	Erikoismerkit	Särskilda markeringar	Специальные знаки	Посебне ознаке
WERMCO	időjárási viszonyok	kundizzjonijiet tat-temp	Weersomstandigheden	Warunki pogodowe	Condições meteorológicas	condiții meteorologice	poveternostné podmienky	vremenske razmere	Sääolosuhteet	Väderförhållanden	метеорологические условия	временски услови

REFERENCE CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
NAP	NAP	NAP	NAP	NAP	Normal vandstand i Amsterdam	NAP	NAP	NAP	NAP	NAP	NAP	NAP	NAP
KP	channel level	Пегел на канала	Nivel local	kanálový vodočet	Kanalniveau	Kanal Pegel	kp	Στάθμη υδάτων καναλιού	Côte locale	Vodomjer u kanalu	livello canale	Kanāla ūdens līmeņrādis	Kanalo vandens lygis
FZP	FZP	FZP	Nivel de los canales frisones	FZP	FZP	FZP	FZP	FZP	FZP	FZP	FZP	FZP	FZP
ADR	Adria	Адриатическа система	Mar Adriático	přes Adrii	Adria	über Adria	Adria	Αδριατική	Mer Adriatique	Razina Jadranskog mora	livello adriatico	Adrijas sistēma	Adrijos sistema
TAW	TAW/DNG	TAW/DNG	2ª nivelación general/DNG	TAW/DNG	TAW/DNG	TAW/DNG	TAW/DNG	TAW/DNG	DNG	TAW/DNG	TAW/DNG	TAW/DNG	TAW/DNG
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	Potsdamer Datum	Postupimské datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamas koordinātu sistēma	Potsdamo koordinačių sistema
LDC	low water level Danube Commission	Ниско водно ниво по Дунавската комисия	Comisión del Danubio, nivel bajo de agua	nízký plavební stav podle Dunajské komise	Lav vandstand defineret af Donau-kommissionen	RNW gemäß Donaukommission	Madala veetaseme Doonau komisjon	Χαμηλή στάθμη υδάτων, Επιτροπή Δούναβη	Commission du Danube, niveau bas des eaux	Niski plovidbeni vodostaj po Dunavskoj komisiji	livello di magra Commissione del Danubio	Zems ūdens līmenis, Donavas komisija	Žemas vandens lygis, Dunojaus komisija
HDC	high water level Danube Commission	Високо водно ниво по Дунавската комисия	Comisión del Danubio, nivel alto de agua	nejvyšší plavební vodní stav podle Dunajské komise	Høj vandstand defineret af Donau-kommissionen	HSW gemäß Donaukommission	Kõrge veetaseme Doonau komisjon	Υψηλή στάθμη υδάτων, Επιτροπή Δούναβη	Commission du Danube, niveau haut des eaux	Visoki plovidbeni vodostaj po Dunavskoj komisiji	livello di piena Commissione del Danubio	Augsts ūdens līmenis, Donavas komisija	Aukštas vandens lygis, Dunojaus komisija
ZPG	zero point of gauge	Нула на пегела	Punto de referencia de nivel	nulový bod vodočtu	Profilens nulpunkt	Pegelnullpunkt	Mõõtmiskoha nullpunkt	Μηδενικό σημείο μετρητή	point de référence de niveau	Nulta točka vodomjerne letve	zero idrometrico	Ūdens līmeņrāža nulles punkts	Nulinis vandens lygio rodmuo
GLW	equivalent low water level	Еквивалентно ниско водно ниво	Estiaje	ekvivalentní nízký vodní stav	Tilsvarende lav vandstand	Gleichwertiger Wasserstand (GLW)	Madala veetaseme ekvivalent	Ισοσύναμη χαμηλή στάθμη υδάτων	étiage	Ekvivalentni niski vodostaj	livello equivalente di magra	Minimālais ūdens līmenis	Žemo vandens lygio ekvivalentas

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
HSW	highest navigable water level	Най-високо корабоплавателно ниво	Nivel máximo navegable	nejvyšší plavební vodní stav	Højeste farbare vandstand	Höchster Schifffahrtswasserstand (HSW)	kõrgeim navigeeritav veetase	Υψηλότερη πλεύσιμη στάθμη υδάτων	Plus hautes eaux navigables	Maksimalni vodostaj dozvoljene plovidbe	massimo livello idrometrico navigabile	Augstākais kuģojamais ūdens līmenis	Aukščiausias laivybos vandens lygis
LNW	Low Navigable Water	Ниско корабоплавателно ниво	Nivel mínimo navegable	nízký plavební vodní stav (národní)	Lav farbar vandstand	RNW (national)	madal navigeeritav vesi	Χαμηλή πλεύσιμη στάθμη υδάτων	Plus basses eaux navigable	Niski vodostaj dozvoljene plovidbe	livello di magra navigabile	Zemākais kuģojamais ūdens līmenis	Žemas laivybos vandens lygis
HNW	High Navigable Water	Високо корабоплавателно ниво	Nivel alto navegable	nejvyšší plavební vodní stav (národní)	Høj farbar vandstand	HSW (national)	kõrge navigeeritav vesi	Υψηλή πλεύσιμη στάθμη υδάτων	Hautes eaux navigables	Visoki vodostaj dozvoljene plovidbe	livello di piena navigabile	Augsts kuģojamais ūdens līmenis	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	WGS84	WGS 84	WGS 84	WGS 84	WGS 84
RN	normal level	Нормално ниво	Nivel normal	normální stav	Normalniveau	Normaler Pegel	normaaltase	Κανονική στάθμη υδάτων	Retenue normale	Normalna razina	livello idrometrico normale	Normāls ūdens līmenis	Normalus lygis
HBO	high water level of attention	Високо водно ниво преди наводнение	Atención por nivel alto de agua	vysoký vodní stav před vybřežením	Høj vandstand, der kræver forsigtighed	Hochwasser, das besondere Vorsicht erfordert	tähelepanu nõudev kõrge veetase	Υψηλή στάθμη υδάτων, απαιτείται προσοχή	cote d'attention	Visok vodostaj — stanje pripravnosti	livello di piena da sorvegliare	Ievērojami augsts ūdens līmenis	Pavojingai aukštas vandens lygis

REFERENCE CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
NAP	NAP	NAP	NAP	NAP	NAP	NAP	NAP	NAP	NAP	NAP	NAP	NAP
KP	csatornavíz-szint	livell tal-kanal	Kanaalpeil	kp	Cota local	nivelul de referință local	prevádzková úroveň hladiny v kanáli	vodostaj v kanalu	kp	kp	Судоходный уровень канала	upozorenje od velike vode
FZP	FZP	FZP	FZP	FZP	FZP	FZP	FZP	FZP	FZP	FZP	FZP	FZP
ADR	az Adriai tenger szintje felett	Adria	Adriapeil	Adria	Adriático	Marea Adriatică	výškový systém ADRIA	nivo Jadranskega morja	Adria	Adria	Адриатическая система	Ниво Јадранског мора
TAW	TAW/DNG	TAW/DNG	TAW/DNG	TAW/DNG	TAW/DNG	TAW/DNG	TAW/DNG	TAW/DNG	TAW/DNG	TAW/DNG	TAW/DNG	TAW/DNG
PUL	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Pulkovo 1942	Пулково 1942	Пулково 1942

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
NGM	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm	Ngm	Нгм	Ngm
ETRS	ETRS89	ETRS89	Etrs89	ETRS89	ETRS89	ETRS89	ETRS89	ETRS89	ETRS89	ETRS89	ETRS89	ETRS89
POT	potsdami dátum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Potsdamer Datum	Координатная система Потсдам	Potsdamer датум
LDC	Dunabizottsági hajózási kisvízszint (LKHV)	livell baxx tal-ilma tal-Kummissjoni tad-Danubju	Laagwaterpeil Donaucommissie	niski stan wody wg Komisji Dunajskiej	Nível baixo da água, Comissão do Danúbio	nivelul apei minim — Comisia Dunării	hladina nízkej regulačnej a plavebnej vody podľa DK	nizek vodostaj po Donavski komisiji	Tonavan suojelukomission mukainen pieni vedenkorkeus	Lågvattennivå enligt Donaukommissionen	Низкий уровень воды ДК	Ниски пловидбени ниво према Дунавској комисији
HDC	Dunabizottsági hajózási nagyvízszint (LNHV)	livell għoli tal-ilma tal-Kummissjoni tad-Danubju	Hoogwaterpeil Donaucommissie	wysoki stan wody wg Komisji Dunajskiej	Nível alto da água, Comissão do Danúbio	nivelul apei maxim — Comisia Dunării	hladina vysokej plavebnej vody podľa DK	visok vodostaj po Donavski komisiji	Tonavan suojelukomission mukainen suuri vedenkorkeus	Högvattennivå enligt Donaukommissionen	Высокий уровень воды ДК	Високи пловидбени ниво према Дунавској комисији
ZPG	vízmérce nulla pontja	punt żero tal-kejl	Referentiepunt van de peilschaal	punkt zerowy wodowskazu	Ponto zero do fluviómetro	zero miră	nulový bod mernej stanice	ničelna točka vodomera	vedenkorkeusmittarin nollakohta	Vattenståndsmätarens nollpunkt	ноль уровня	‘0’ водомера
GLW	egyenértékű kisvízszint	livell baxx tal-ilma ewkivalenti	Gelijkwaardige laagwaterstand	równoważny niski stan wody	Nível baixo equivalente da água	nivelul apei minim echivalent	ekvivalentná nízka vodná hladina	ekvivalent nizkega vodostaja	vastaava pieni vedenkorkeus	Ekvivalent lågvattennivå	Низкий уровень воды	Еквивалент малој води
HSW	legnagyobb hajózási vízszint (HNV)	l-ogħla livell tal-ilma navigabbli	Hoogste scheepvaartwaterstand	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	suurin kulkukelpoinen vedenkorkeus	Högsta navigerbara vattennivå	Наивысший судоходный уровень	Највиши водостај за пловидбу
LNW	hajózási kisvízszint (HKV)	Ilma Navigabbli Baxx	Laagste scheepvaartwaterstand (nationaal)	niski stan wody dopuszczający żeglugę	Nível mínimo navegável	nivelul apei minim pentru navigație	nízka plavebná hladina	nizek vodostaj, pri katerem je mogoča plovba	Matala kulkukelpoinen vesi	Lågt navigerbart vatten	Минимальный судоходный уровень	Ниски пловидбени ниво
HNW	hajózási nagyvízszint (HNV)	Ilma Navigabbli Għoli	Hoogste scheepvaartwaterstand (nationaal)	wysoki stan wody dopuszczający żeglugę	Nível alto navegável	nivelul apei maxim pentru navigație	vysoká plavebná hladina	visok vodostaj, pri katerem je mogoča plovba	Korkea kulkukelpoinen vesi	Högt navigerbart vatten	максимальный судоходный уровень	Високи пловидбени ниво
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
WGS	WGS 84	WGS 84	WGS 84	WGS 84	WGS 84	SGM 84	WGS 84	WGS 84	WGS 84	WGS 84	WGS84	WGS 84
RN	szokásos szint	livell normali	Normaal peil	poziom normalny	Nível normal	nivelul apei normal	normálna úroveň	običajen vodostaj	normaali taso	Normal nivå	Нормальный уровень воды	Нормални ниво
HBO	LNHV-t meghaladó vízállás	livell għoli tal-ilma li jeħtieġ attenzjoni	Hoogwaterpeil, aandacht geboden	alarmowy stan wody	Nível alto da água que obriga a navegação atenta	cota de atenție	vysoká hladina — stav bdelosti	opozorilo glede visokega vodostaja	suuri vedenkorkeus, edellyttää erityistä huomiota	Högvattennivå som kräver uppmärksamhet	высокий уровень воды, угроза наводнения	upozorenje od velike vode

REGIME CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
NO	normal	Нормално водно ниво	Normal	normální vodní stav	Normal vandstand	Regime: Normal Wasserstand	Tavaline	Κανονική	Hauteur d'eau normale	Režim: normalni vodostaj	normale	Normāls ūdens līmenis	Normalus vandens lygis
HI	high	Високи води	Alto	vysoký vodní stav	Højvande	Hochwasser	Kõrge	Υψηλή	Plus Hautes Eaux Navigables	Režim: visok vodostaj	livello idrometrico elevato	Augsts ūdens līmenis	Aukštas vandens lygis
II	prohibitory water level	Водно ниво възпрепятстващо корабоплаването	Nivel de agua de prohibición	vodní stav, při kterém je zakázaná plavba	Vandstand, hvor sejlads forbydes	Sperrung wegen Hochwasser	Keelatud veetase	Απαγορευτική στάθμη υδάτων	Niveau d'eau d'interdiction	Vodostaj zabrane plovidbe	livello idrometrico proibitivo	Ūdens līmenis, kurā kuģošana aizliegta	Laivybą draudžiantis vandens lygis
I	water level of cautious navigation	Водно ниво изискващо корабоплаване с повишено внимание	Nivel de agua para navegación prudente	vodní stav zvýšené opatrnosti plavby	Vandstand, hvor sejlads udføres med særlig agtpågivenhed	Marke I.	Ettevatliku laevatamise veetase	Στάθμη υδάτων προσεκτικής ναυσιπλοΐας	Niveau d'eau nécessitant une navigation prudente	Vodostaj oprezne plovidbe	livello idrometrico di prudenza per la navigazione	Ūdens līmenis bīstams kuģošanai	Laivybai pavojingas vandens lygis
NN	normal water level for navigation	Нормално водно ниво за корабоплаване	Nivel de agua normal para navegación	normální vodní stav pro plavbu	Normal vandstand for skibsfart	normaler Schifffahrtswasserstand	Laevatami-seks normaalne veetase	Κανονική στάθμη υδάτων ναυσιπλοΐας	Niveau Normal de Navigation	Vodostaj normalne plovidbe	livello idrometrico normale per la navigazione	Normāls ūdens līmenis kuģošanai	Laivybai tinkamas vandens lygis
LO	low water	Ниски води	Nivel de agua bajo	nízký vodní stav	Lavvande	Niedrigwasser	Madal vesi	Χαμηλή στάθμη υδάτων	Etiage	Nizak vodostaj	livello di magra	Zems ūdens līmenis	Žemas vandens lygis

REGIME CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
NO	normál vízállás	normali	Normaal	normalny	Nível da água normal	nivelul normal	normálny vodný stav	normalen	Normaali	Normal	Нормальный уровень	Режим нормалног водостаја
HI	magas vízállás	għoli	Hoogwaterregime	wysoki	Nível da água alto	nivelul maxim navigabil	vysoký vodný stav	visok	Suuri	Hög	Высокая вода (паводок)	Велика вода
II	tilalmi vízszint	livell tal-ilma projbittiv	Waterstand met vaarverbod	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	kiellon aiheuttava vedenkorkeus	Förbud p.g.a. vattennivån	уровень воды, запрещающий судоходство	Водостај при коме се обуставља пловидба
I	kíméletes hajózási vízszint	livell tal-ilma li jeħtieġ navigazzjoni b'attenzjoni	Waterstand met beperkte scheepvaart	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	varovaista liikkumista edellyttävä vedenkorkeus	Försiktig navigering p.g.a. vattennivån	уровень воды, опасный для судоходства	Водостај који захтева опрезну пловидбу

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
NN	normál hajózási vízszint	livell normali tal-ilma ghan-navigazzjoni	Normaal waterpeil voor scheepvaart	normalny stan wody dla żeglugi	Nível da água normal para a navegação	nivelul apei normal pentru navigație	normálny vodný stav pre plavbu	normalen vodostaj za plovbo	normaali vedenkorkeus alusliikenteelle	Normal vattennivå för sjöfart	Нормальный уровень воды для судоходства	Нормални водостај за пловидбу
LO	alacsony vízállás	livell baxx tal-ilma	Laagwaterregime	niski stan wody	Nível de estiagem	ape mici	nízky vodný stav	nizek vodostaj	Matala vesi	Lågvatten	Низкая вода	Мала вода

REPORTING CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
INF	information	Информация	Información	informace	Information-spunkt	Information-spunkt	Teave	Πληροφορίες	Point d'information	Informacijski	informazione	Informācijas punkts	Informavimas
ADD	additional duty to report	Задължително допълнително известяване	Obligación adicional de notificación	dodatečná povinnost hlášení	Yderligere rapporteringspligt	zusätzliche Meldepflicht	Täiendav tollimaks teatada	Πρόσθετο καθήκον αναφοράς	Obligation complémentaire d'annonce	Dodatna obveza izvješćivanja	obbligo di ulteriore segnalazione	Papildu ziņošanas pienākums	Privalomas papildomas pranešimas
REG	regular duty to report	Обичаен режим за известяване	Obligación normal de notificación	normální povinnost hlášení	Normal rapporteringspligt	normale Meldepflicht	Tavatollimaks teatada	Κανονικό καθήκον αναφοράς	Obligation d'annonce normale	Redovna obveza izvješćivanja	regime normale di segnalazione	Pastāvīgas ziņošanas pienākums	Įprastas pranešimo režimas

REPORTING CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
INF	információ	informazzjoni	Informatie	Punkt informacyjny	Informação	punct de informare	informácie	informacije	Tiedot	Information	Информация для сведения	Информација
ADD	kiegészítő bejelentkezési kötelezettség	dmir addizzjonali ta' rappurtar	Extra meldplicht	Obowiązek dodatkowego meldowania	Obrigação adicional de comunicação	obligația suplimentară de a raporta	dodatočná povinnosť hlásenia	dodatna obveznost poročanja	Ylimääräinen raportointivelvollisuus	Extra rapporteringsskyldighet	Дополнительное извещение обязательно	Додатна обавеза извештавања
REG	bejelentkezési kötelezettség	dmir regolari ta' rappurtar	Normale meldplicht	Obowiązek regularnego meldowania	Obrigação normal de comunicação	obligația de a raporta regulat	normálna povinnosť hlásenia	običajna obveznost poročanja	Säännöllinen raportointivelvollisuus	Regelbunden rapporteringsskyldighet	Обычный режим извещения	Редовна обавеза извештавања

SUBJECT CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
OBSTRU	Blockage	Препятствие	Obstrucción	uzávěra	Blokering	Sperre	Blokeerimine	Φραγμένο	Restriction	Prepreka	interruzione	Bloķēts	Blokavimas
PAROBS	Partial obstruction	Частично препятствие	Obstrucción parcial	částečná uzávěra	Delvis blokering	teilweise Sperre	Osaline takistus	Μερική παρεμπόδιση	Restriction partielle	Djelomična prepreka	ostruzione parziale	Daļēji bloķēts	Dalinis blokavimas
DELAY	Delay	Закъснение	Retraso	zpoždění	Forsinkelse	Verzögerung	Hilinemine	Καθυστέρηση	Délai	Kašnjenje	ritardo	Aizkavējums	Delsa
VESLEN	Vessel Length	Дължина на кораба	Eslora	délka plavidla	Fartøjets længde	Schiffslänge	Laeva pikkus	Μήκος σκάφους	Longueur du bateau	Dužina broda	lunghezza del natante	Kuģa garums	Laivo ilgis
VESHEI	Vessel air draught	Височина на кораба	Altura de la obra muerta	výška plavidla nad hladinou	Fartøjets højde over vandlinjen	Schiffshöhe	Laeva kõrgus veepinnast	Μέγιστο ύψος άνωθεν της ισάλου γραμμής	Tirant d'air du bateau	Visina najviše fiksne točke broda iznad vode	altezza del natante dal pelo dell'acqua	Kuģa virsūdens augstums	Laivo aukštis virš vandens
VESBRE	Vessel breadth	Ширина на кораба	Manga	šířka plavidla	Fartøjets bredde	Schiffsbreite	Laeva laius	Μέγιστο πλάτος σκάφους	Largeur du bateau	Širina broda	larghezza del natante	Kuģa platums	Laivo plotis
VESDRA	Vessel draught	Газене на кораба	Calado	ponor plavidla	Fartøjets dybgang	Schiffstiefgang	Laeva süvis	Βύθισμα σκάφους	Tirant d'eau du bateau	Gaz broda	pescaggio del natante	Kuģa iegrime	Laivo grimzlė
AVALEN	Available length	Допустима дължина	Eslora disponible	povolená délka	Disponibel længde	verfügbare Länge	Kasutatav pikkus	Διαθέσιμο μήκος	Longueur maximum	Raspoloživa duljina	lunghezza massima ammessa	Pieļaujamais garums	Leidžiamas ilgis
CLEHEI	Clearance height	Свободна височина	Gálibo vertical	podjezdná výška	Frigang i højden	Durchfahrtshöhe	Kuja kõrgus	Ελεύθερο ύψος διέλευσης	Tirant d'air maximum	Visina plovnog otvora	tirante d'aria	Pieļaujamais augstums	Leidžiamas aukštis
CLEWID	Clearance width	Свободна ширина	Gálibo horizontal	průjezdná šířka	Frigang, bredde	verfügbare Breite	Kuja laius	Ελεύθερο πλάτος διέλευσης	Largeur maximum	Širina plovnog otvora	larghezza massima della via navigabile	Pieļaujamais platums	Leidžiamas plotis
AVADEP	Available depth	Допустимо газене	Profundidad disponible	využitelná hloubka	Vanddybde	verfügbare Tiefe	Kasutatav sügavus	Διαθέσιμο πλάτος	Tirant d'eau maximum	Raspoloživa dubina	pescaggio massimo	Ūdens dziļums	Esamas gylis
NOMOOR	No mooring	Забранено швартоване	Prohibición de amarre	zákaz přístávání	Fortøjning forbudt	Festmacheverbot	Sildumine keelatud	Απαγόρευση αγκυροβολίας	Interdiction d'amarrage	Zabranjen vez	divieto di ormeggio	Pietauvošanās aizliegta	Draudžiama švartuotis
SERVIC	Limited service	Ограничено обслужване	Servicio limitado	provoz omezen	Begrænset betjening	Betrieb eingeschränkt	Piiratud teenindus	Περιορισμένη υπηρεσία	Exploitation limitée	Ograničena usluga	servizio limitato	Ierobežots pakalpojums	Ribotas aptarnavimas
NOSERV	No service	Няма обслужване	Interrupción del servicio	provoz zastaven	Ingen betjening	Betriebssperre	Ei teenindata	Καμία υπηρεσία	Manœuvre interrompue	Nema usluge	nessun servizio	Pakalpojums nav pieejams	Neaptarnaujama

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
SPEED	Speed	Допустима скорост	Límite de velocidad	nejvyšší rychlost	Hastighedsbegrænsning	Höchstgeschwindigkeit	Kiirus	Ταχύτητα	Limite de Vitesse	Ograničenje brzine	velocità	Ātruma ierobežojums	Ribojamas greitis
WAVWAS	No wash of waves	Забранено създаване на вълни	No crear oleaje	zákaz vytvářet vlnobití a sání	Undgå at lave efterdønninger	Sog und Wellenschlag vermeiden	Ei tekita voolu	Απαγόρευση πρόκλησης κυματισμών	Remous interdits	Zabranjeno pravljenje valova	divieto di moto ondoso	Neradīt viļņus	Nekelti bangų
PASSIN	No passing	Забранено преминаване	Prohibido el paso	zákaz potkávání	Passage er ikke tilladt	Begegnungsverbot	Läbimine keelatud	Απαγόρευση διέλευσης	Trématage interdit	Zabranjen prolaz	divieto di transito	Aizliegts šķērsot	Plaukti draudžiama
ANCHOR	No anchoring	Забранено хвърляне на котва	Prohibido fondear	zákaz kotvení	Opankring ikke tilladt	Ankerverbot	Ankrusse jäämine keelatud	Απαγόρευση αγκυροβολίας	Mouillage interdit	Zabranjeno sidrenje	divieto di ancoraggio	Noenkuroties aizliegts	Draudžiama nuleisti inkarą
OVRTAK	No overtaking	Забранено изпреварване	Prohibido adelantar	zákaz předjíždění	Overhaling ikke tilladt	Überholverbot	Möödasõit keelatud	Απαγόρευση προσπέρασης	Trématage interdit	Zabranjeno pretjecanje	divieto di sorpasso	Apdzīt aizliegts	Draudžiama lenkti
MINPWR	Minimum power	Минимална мощност	Potencia mínima	minimální výkon	Minimum kraft	Mindestantriebsleistung	Minimaalne võimsus	Ελάχιστη ισχύς	Puissance minimum	Minimalna snaga	potenza minima	Minimālā jauda	Mažiausia galia
DREDGE	Dredging	Драгажни работи	Dragado	bagrovací práce	Opmudring	Baggerarbeiten	Süvendus	Βυθοκόρηση	Dragage	Iskapanje	dragaggio	Bagarēšanas darbi	Dugno gilinimas
WORK	Work	Работи (действия)	Obras	práce	Arbejder	Arbeiten	Töötamine	Εργασίες	Travaux	Radovi	lavori	Darbs	Darbai
EVENT	Event	Случай	Suceso	událost	Begivenhed	Veranstaltung	Sündmus	Συμβάν	Evénement	Događaj	manifestazione	Pasākums	Įvykis
CHGMAR	Change marks	Изменение в знаците	Cambio de señalización	změna značení	Ændret signalering	Schifffahrtszeichen geändert	Muudatus-tähis	Αλλαγή σημείων	Signalisation modifée	Promjena navigacijske oznake	segnaletica modificata	Mainītas zīmes	Ženklų keitimas
CHGSER	Change service	Изменение в услугите	Cambio de servicio	změna provozu	Ændret betjening	Betrieb geändert	Vahetus-teenindus	Αλλαγή υπηρεσίας	manœuvre des ouvrages modifiée	Promjena usluge	regime modificato	Pakalpojums mainīts	Aptarnavimo pasikeitimai
SPCMAR	Special marks	Специална сигнализация	Señalización especial	zvláštní signalizace	Særlig signalering	besondere Zeichen	Eritähised	Ειδικά σημεία	Signalisation spéciale	Posebne oznake	segnaletica speciale	Īpašas zīmes	Specialieji ženklai
EXERC	Exercises	Упражнения	Ejercicios	cvičení	Øvelser	Übungen	Õppused	Ασκήσεις	exercices	Vježbe	esercitazioni	Vingrinājumi	Pratybos
LEADEP	Least depth sounded	Минимална дълбочина	Profundidad mínima medida	minimální změřená hloubka	Mindste loddede dybde	minimale Tiefe	Looditud väikseim sügavus	Μικρότερο μετρηθέν βάθος	Profondeur minimale	Minimalna dubina	profondità minima rilevata	Mazākais izmērītais dziļums	Mažiausias gylis

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
LEVDEC	Decreasing water level	Намаляващо водно ниво	Nivel de agua en descenso	klesající vodní stav	Faldende vandstand	fallender Wasserstand	Veetaseme alanemine	Μειούμενη στάθμη υδάτων	Décrue	Vodostaj u opadanju	livello idrometrico in diminuzione	Krītošs ūdens līmenis	Mažėjantis vandens lygis
LEVRIS	Rising water level	Растящо водно ниво	Nivel de agua en ascenso	stoupající vodní stav	Stigende vandstand	steigender Wasserstand	Veetaseme tõusmine	Αυξανόμενη στάθμη υδάτων	Eaux montantes	Vodostaj u porastu	livello idrometrico in aumento	Kāpjošs ūdens līmenis	Kylantis vandens lygis
ANNOUN	Announcement	Обява	Aviso	zpráva	Meddelelse	Nachricht	Teadaanne	Αγγελία	Annonce	Najava	annuncio	Paziņojums	Pranešimas
LIMITA	Limitations	Ограничение	Limitaciones	omezení	Begrænsninger	Einschränkungen	Piirangud	Περιορισμοί	Limitations	Ograničenja	limitazioni	Ierobežojumi	Apribojimai
CANCEL	Notice withdrawn	Анулирано известие	Anuncio anulado	zpráva byla zrušena	Efterretning trukket tilbage	Nachricht zurückgezogen	Kehtetu märguanne	Απόσυρση αγγελίας	Avis annulé	Povučena obavijest	segnalazione revocata	Paziņojums atcelts	Pranešimas atšauktas
MISECH	False radar echos	Грешно радарно ехо	Ecos radar falsos	falešná ozvěna	Falsk radarekko	Geisterechos	Radari vale kajasignaal	Εσφαλμένα σήματα ραντάρ	Faux échos radar	Pogrešan radarski odziv	rilevazioni radar distorte	Maldigs radara ehosignals	Klaidingi radaro rodmenys
ECDISU	Inland ECDIS update	Обновяване на ECDIS	Actualización ECDIS fluvial	aktualizace informací Inland ECDIS	Inland ECDIS update	Inland ECDIS Update	Uuendatud sisemaine ECDIS	Επικαιροποίηση ECDIS εσωτ. ναυσ.	Mise à jour des données Inland ECDIS	Ažuriranje sustava Inland ECDIS	aggiornamento ECDIS interno	*Inland ECDIS informācijas atjaunošana*	Inland ECDIS informacijos atnaujinimas
NEWOBJ	New object	Нов обект	Nuevo objeto	nový objekt	Nyt objekt	neues Objekt	Uus ese	Νέο αντικείμενο	Nouvel objet	Novi objekt	nuovo oggetto	Jauns objekts	Naujas objektas
WARNIN	Warning	Внимание	Alarma	varování	Advarsel	Warnung	Hoiatus	Προειδοποίηση	Avertissement	Upozorenje	allerta	Brīdinājums	Įspėjimas
CHWWY	Changes of the fairway	Промени във водния път	Cambio en la vía navegable	změna na vodní cestě	Ændring af farvandet	Änderungen des Fahrwassers	Veetee muutmine	Αλλαγή εντός πλωτής οδού	modification de la passe navigable	Promjene u plovnom putu	modifiche della via navigabile	Izmaiņas kuģu ceļā	Pasikeitimai farvateryje
CONWWY	Constriction of fairway	Строителни работи по водния път	Estrechamiento de vía navegable	zúžení vodní cesty	Indsnævring af vandvejen	Einengung des Fahrwassers	Veetee konstrikt-sioon	Κατασκευή πλωτής οδού	rétrécissement de la passe navigable	Suženje plovnog puta	strettoia	Ūdens ceļa sašaurinājums	Farvaterio susiaurėjimas
DIVER	Diver under the water	Водолазни работи	Presencia de submarinistas	práce pod vodou	Dykkere i vandet	Taucher unter Wasser	Tuuker vee all	Υποβρύχιες εργασίες	plongeurs au travail	Ronilac pod vodom	sommozzatore in immersione	Ūdenslīdēju darbi	Vandenyje naras
SPECTR	Special transport	Специализиран транспорт	Transporte especial	zvláštní přeprava	Særlig transport	Sondertransport	Erivedu	Ειδικές μεταφορές	transport spécial	Specijalni prijevoz	trasporto speciale	Īpašs transports	Specialus transportas
LOCRUL	Local rules of traffic	Местни (локални) правила за движение	Normas locales de tráfico	místní úprava plavebních předpisů	Lokale trafikregler	lokal gültige Verkehrsvorschriften	Kohalikud liiklusees-kirjad	Τοπικοί κανόνες κυκλοφορίας	règlements de navigation locaux	Lokalni prometni propisi	regole di traffico locali	Vietēji satiksmes noteikumi	Vietinės laivų eismo taisyklės
VHFCOV	Radio coverage	Радио покритие (обхват)	Cobertura de radio	rádiové pokrytí	Radiodækning	Funkabdeckung	Raadio leviala	Κάλυψη ασυρμάτου	Couverture radio	Radijska pokrivenost	copertura radio	Radiosignālu pārklājums	Radijo ryšio zona

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HIGVOL	High voltage cable	Високо напрежение	Línea de alta tensión	vedení vysokého napětí	Højspændingskabler	Hochspannungsleitung	Kõrgepingejuhtivus	Αγωγός υψηλής τάσης	Ligne haute tension	Visokonaponski kabel	alta tensione	Augstsprieguma	Aukštos įtampos kabelis
TURNIN	No turning	Забранено извършване на поворот	Prohibido girar	zákaz provádět obrat	Vending ikke tilladt	Wendeverbot	Pööramine keelatud	Απαγόρευση στροφής	Interdiction de viver	Zabranjeno okretanje	divieto di manovra	Pagriezties aizliegts	Apsisukti draudžiama
CONBRE	Convoy breadth	Ширина на състава	Manga del convoy	šířka sestavy	Konvojbredde	Verbandsbreite	Konvoi laius	Πλάτος νηοπομπής	largeur du convoi	Širina sastava	larghezza del convoglio	Karavānas platums	Laivų vilkstinės plotis
CONLEN	Convoy lenght	Дължина на състава	Eslora del convoy	délka sestavy	Konvojlængde	Verbandslänge	Konvoi pikkus	Μήκος νηοπομπής	longueur du convoi	Duljina sastava	lunghezza del convoglio	Karavānas garums	Laivų vilkstinės ilgis
REMOBJ	Removal of object	Премахване на препятствие	Retirada de un objeto	odstranění objektu	Fjernelse af objekt	Bergungsarbeiten	Eseme eemaldamine	Απομάκρυνση αντικειμένου	enlèvement d'objet	Uklanjanje objekta	rimozione di oggetti	Objekta noņemšana	Objekto šalinimas
INFSER	Info service	Информационна служба	Servicio de información	Informační servis	Informationstjeneste	Informationsservice	Teabeteenus	Πληροφορίες	Service d'information	Informacijska usluga	servizio informazioni	Informācijas dienests	Informacija

SUBJECT CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
OBSTRU	zárlat	Ostaklu	Stremming	Zamknięcie	Obstrução	Restricție	blokáda	zapora	Este	Blockering	Закрыто	Препрека
PAROBS	részleges tilalom	Ostaklu parzjali	Gedeeltelijke stremming	Częściowe zamknięcie	Obstrução parcial	Restricție parțială	čiastočné prekážky	delna zapora	Osittainen este	Delvis obstruktion	Частично закрыто	Делимична препрека
DELAY	késedelem	Dewmien	Oponthoud	Opóźnienie	Demora	Întârziere	meškanie	zamuda	Viivästys	Försening	Задержка	Кашњење
VESLEN	hajó hossza	Tul tal-Bastiment	Scheepslengte	Długość statku	Comprimento (embarcação)	Lungimea navei	dĺžka plavidla	dolžina plovila	Aluksen pituus	Fartygslängd	Длина судна	Дужина пловила
VESHEI	hajó magassága	Gholi tal-bastiment	Scheepshoogte	Wysokość statku	Altura acima da linha de água (embarcação)	Înălțimea deasupra liniei de plutire	výška plavidla nad hladinou	prosta višina plovila	Aluksen suurin korkeus vedenpinnasta	Fartygets höjd över vattenytan	Высота судна	Максимална висина пловила над водом
VESBRE	hajó szélessége	Wisa' tal-bastiment	Scheepsbreedte	Szerokość statku	Boca (embarcação)	Lățimea navei	šírka plavidla	širina plovila	Aluksen leveys	Fartygsbredd	Ширина судна	Ширина пловила
VESDRA	hajó merülése	Fundar meħtieġ għall-bastiment	Diepgang	Zanurzenie statku	Calado (embarcação)	Pescajul navei	ponor plavidla	ugrez plovila	Aluksen syväys	Fartygets djupgående	Осадка судна	Газ пловила

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AVALEN	rendelkezésre álló hosszúság	Tul disponibbli	Doorvaartlengte	Długość użytkowa	Comprimento disponível	Lungimea admisă	dostupná dĺžka	razpoložljiva dolžina	Käytettävissä oleva pituus	Tillgänglig längd	Допустимая длина	Расположива дужина
CLEHEI	szabad űrszelvénymagasság	Fond ta' spazju ħieles	Doorvaarthoogte	Wysokość w świetle	Altura livre	Gabaritul de înălţime	podjazdná výška	prosta višina prehoda	Alikulkukorkeus	Frihöjd	Допустимая высота	Слободна висина
CLEWID	hasznos szélesség	Wisa' ta' spazju ħieles	Doorvaartbreedte	Szerokość w świetle	Largura livre	Gabaritul de lăţime	prejazdná šírka	prosta širina prehoda	Käytettävissä oleva leveys	Farledsbredd	Допустимая ширина	Слободна ширина
AVADEP	rendelkezésre álló vízmélység	Fond disponibbli	Beschikbare diepte	Głębokość użytkowa	Profundidade disponível	Adâncimea disponibilă	dostupná hĺbka	razpoložljiva globina	Käytettävissä oleva syväys	Tillgängligt djup	Существующая глубина	Расположива дубина
NOMOOR	veszteglési tilalom	Irmiġġ projbit	Afmeerverbod	Zakaz cumowania	Proibição de amarrar	Interdicţia de a acosta	zákaz vyväzovania	prepovedan privez	Kiinnittyminen kielletty	Förtöjning förbjuden	Швартовка запрещена	Забрањено везивање
SERVIC	korlátozott üzem	Servizz limitat	Beperkte service	Usługa ograniczona	Serviço limitado	Manevră restricţionată	obmedzená prevádzka	omejena storitev	Rajoitettu palvelu	Begränsad service	Ограниченое обслуживание	Ограничена услуга
NOSERV	üzemszünet	Servizz sospiż	Geen bediening	Usługa niedostępna	Interrupção do serviço	Întreruperea serviciului	zastavená prevádzka	ni storitve	Ei palvelua	Ingen service	Не обслуживаемое	Без услуге
SPEED	sebességkorlátozás	Veloċità	Snelheidsbeperking	Ograniczenie szybkości	Limite de velocidade	Limită de viteză	najvyššia povolená rýchlosť	hitrost	Nopeus	Hastighet	Ограничение скорости	Брзина
WAVWAS	hullámkeltést elkerülni	Tranja tal-mewġ projbita	Golfslag vermijden	Zakaz tworzenia fal	Não causar ondulação	Formarea valurilor interzisă	zákaz vlnobitia a sania	prepovedano povzročanje valov	Voimakkaan aallokon tuottaminen kielletty	Undvik svall	Берегись волны	Забрањено прављење таласа
PASSIN	találkozás tilos	Passaġġ projbit	Ontmoeten verboden	Zakaz wymijania	Proibição de passar	Traversarea interzisă	zákaz preplávania	prepovedan prehod	Ei läpikulkua	Passering förbjuden	Нет прохода	Забрањен пролаз
ANCHOR	horgonyozni tilos	Ankraġġ projbit	Ankeren verboden	Zakaz kotwiczenia	Proibição de ancorar	Ancorarea interzisă	zákaz kotvenia	prepovedano sidranje	Ei ankkuroitumista	Ankring förbjuden	Якорная стоянка запрещена	Забрањено сидрење
OVRTAK	előzni tilos	Projbit il-qbiż ta' bastimenti oħra	Voorbijlopen verboden	Zakaz wyprzedzania	Proibição de cruzar ou ultrapassar	Depăşirea interzisă	zákaz predchádzania	prepovedano prehitevanje	Ei ohittamista	Omkörning förbjuden	Обгон запрещен	Забрањено престизање
MINPWR	minimális teljesítmény	Potenza minima	Minimaal vermogen	Minimalna moc napędu	Potência mínima	Putere minimă	minimálny výkon	najmanjša moč	Vähimmäisteho	Minsta motoreffekt	минимальная мощность	Минимална снага
DREDGE	kotrási munkálatok	Thammil	Baggerwerkzaamheden	Pogłębianie	Dragagens	Lucrări de dragaj	bagrovacie práce	poglabljanje dna	Ruoppaustyöt	Muddring	Встречное движение	Багеровање
WORK	munkálatok	Xogħol	Werkzaamheden	Prace	Trabalhos	Lucrări	práce	delo	Työt	Arbeten	Проводятся работы	Радови

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EVENT	rendezvény	Avveniment	Evenement	Impreza	Evento	Eveniment	udalosť	prireditev	Tapahtumat	Evenemang	Мероприятие	Догађај
CHGMAR	forgalmi jelek változtatása	Bidla fis-sinjali	Gewijzigde markering	Zmiana oznakowania	Alteração da sinalização	Semnalizare modificată	zmena značenia	sprememba oznak	Merkit muuttuneet	Ändrad märkning	Изменение СНО	Промена знака
CHGSER	üzemidő változtatása	Servizz modifikat	Gewijzigde bediening	Zmiana obsługi	Alteração do serviço	Manevre modificate	zmena prevádzky	sprememba storitve	Palvelu muuttunut	Förändrad drift	Изменение часов работы	Промена услуге
SPCMAR	speciális jelek	Sinjali speċjali	Bijzondere markeringen	Znaki specjalne	Sinalização especial	Semnalizare specială	špeciálne značenie	posebne oznake	Erikoismerkit	Särskilda markeringar	Специальные знаки	Посебне ознаке
EXERC	gyakorlatok	Eżerċizzji	Oefeningen	Ćwiczenia	Exercícios	Exerciţii	cvičenia	vaje	Harjoitukset	Övningar	Испытания	Вежбе
LEADEP	minimális mélység	L-inqas fond imkejjel	Minst gepeilde diepte	Najmniejsza zmierzona głębokość	Profundidade mínima medida	Adâncimea minimă	najnižšia nameraná hĺbka	najmanjša izmerjena globina	Matalin luodattu syvyys	Minsta lodade djup	Минимальная глубина	Најмања измерена дубина
LEVDEC	csökkenő vízállás	Livell tal-ilma li qed jitbaxxa	Afnemend water	Spadek stanu wody	Descida do nível da água	Scăderea nivelului apei	klesajúca vodná hladina	nižanje vodostaja	Vedenkorkeus laskee	Sjunkande vattennivå	Снижение уровня воды	Водостај у опадању
LEVRIS	emelkedő vízállás	Livell tal-ilma li qed joghla	Wassend water	Wzrost stanu wody	Subida do nível da água	Creşterea nivelului apei	stúpajúca vodná hladina	višanje vodostaja	Vedenkorkeus nousee	Stigande vattennivå	Повышение уровня воды	Водостај у порасту
ANNOUN	hirdetmény	Avviż	Aankondiging	Komunikat	Comunicado	Anunţ	oznámenie	obvestilo	Ilmoitus	Meddelande	Объявление	Најава
LIMITA	korlátozás	Restrizzjonijiet	Beperkingen	Ograniczenia	Restrições	Limitări	obmedzenia	omejitve	Rajoitukset	begränsningar	Ограничение	Ограничење
CANCEL	hirdetmény visszavonva	Avviż annullat	Bericht ingetrokken	Komunikat odwołany	Aviso anulado	Mesaj anulat	správa bola zrušená	obvestilo preklicano	Ilmoitus peruutettu	Återkallad märkning	Отмена извещения	Повлачење издатог Саопштења
MISECH	hamis radarvisszhangok	Eki foloz tar-radar	Valse radarecho's	Fałszywe echa radarowe	Ecos radar falsos	Ecou radar fals	falošná odozva	napačni odmevi radarja	Virheellisiä tutkakaikuja	Falska radarekon	Ложная радарная цель	Лажни радарски одраз
ECDISU	Inland ECDIS frissítés	aġġornament tal-ECDIS Interna	Inland ECDIS-update	Aktualizacja Inland ECDIS	Atualização ECDIS-fluvial	actualizarea datelor ECDIS	aktualizácia Inland ECDIS	posodobitev celinskega ECDIS	Sisävesiliikenteen ECDIS:n päivitys	Uppdatering av inlands-ECDIS	Обновление информации для Inland ECDIS	Ажуриран Inland ECDIS
NEWOBJ	Új objektum	Oġġett ġdid	Nieuw object	Nowy obiekt	Novo objeto	Obiect nou	nový objekt	nov objekt	Uusi kohde	Nytt föremål	Новый объект	Нови објекат
WARNIN	figyelmeztetés	Twissija	Waarschuwing	Ostrzeżenie	Alerta	Avertisment	varovanie	opozorilo	Varoitus	Varning	Предупреждение	Упозорење
CHWWY	hajóútváltozás	Bidliet tal-kanal navigabbli	Verandering van de vaarweg	Zmiany toru wodnego	Alterações na via navegável	Modificări ale şenalului navigabil	zmeny na vodnej ceste	spremembe na plovni poti	vesiväylän muutos	Ändring av farleden	Изменение фарватера	Промене у пловном путу

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
CONWWY	hajóútszűkület	Restrizzjoni tal-kanal navigabbli	Beperking van de vaarweg	Zwężenie toru wodnego	Estreitamento da via navegável	Îngustarea şenalului navigabil	zúženie vodnej cesty	zoženje plovne poti	vesiväylän kaventuminen	Smalare farled	Сужение фарватера	Сужење пловног пута
DIVER	vízalatti munkák	Bugħaddas taħt l-ilma	Duikwerkzaamheden	Nurek pod wodą	Presença de mergulhadores	Scafandru în apă	práce pod vodou	dela pod vodo	sukeltaja veden alla	Dykare i vattnet	водолаз под водой	Ронилац под водом
SPECTR	különleges szállítás	Trasport speċjali	Bijzonder vervoer	Transport specjalny	Transporte especial	Transport special	špeciálna preprava	posebni prevoz	erikoiskuljetus	Specialtransport	Специальный транспорт	Специјални транспорт
LOCRUL	helyi közlekedési rend (R)	Regoli lokali tat-traffiku	Lokale verkeersregels	Miejscowe przepisy ruchu statków	Regras de tráfego locais	Regulamente locale de trafic	lokálne pravidlá plavby	lokalna prometna pravila	paikalliset liikennöintisäännöt	Lokala trafikregler	Местные правила судоходства	Локална правила пловидбе
VHFCOV	rádiós lefedettség	Kopertura tar-radju	Radiodekking	Pokrycie radiowe	Cobertura rádio	Acoperire radio	rádiové pokrytie	pokritost radijskih zvez	Radion kuuluvuusalue	Radiotäckning	Покрытие радиосигналом	Покривеност радио сигналом
HIGVOL	nagy feszültségű átfeszítés	Kejbil b'voltaġġ għoli	Hoogspanningskabel	Linia wysokiego napięcia	Linha de alta tensão	Linie de înaltă tensiune	vedenie vysokého napätia	visokonapetostni kabel	Korkeajännitejohto	Högspänningsledning	высоковольтный кабель	Кабл под високим напоном
TURNIN	megfordulni tilos	Dawran projbit	Draaien verboden	Zakaz zawracania	Proibição de inverter marcha	Întoarcerea interzisă	Zákaz vykonávania obratov	prepovedano obračanje	Kääntyminen kielletty	Vändning förbjuden	Поворот запрещен	Забрањено окретање
CONBRE	a kötelék szélessége	Wisa' tal-konvoj	Breedte van de duwsleep	Szerokość zestawu	Largura do comboio	Lățimea convoiului	šírka zostavy	širina konvoja	kytkyeen leveys	Konvojbredd	Ширина состава судов	Ширина састава
CONLEN	a kötelék hossza	Tul tal-konvoj	Lengte van de duwsleep	Długość zestawu	Comprimento do comboio	Lungimea convoiului	dĺžka zostavy	dolžina konvoja	kytkyeen pituus	Konvojlängd	Длина состава судов	Дужина састава
REMOBJ	mentési munkálatok	Tneħħija ta' oġġett	Verwijderen van object	Usuwanie obiektu	Remoção de objeto	Schimbarea obiectului	odstránenie objektu	odstranitev objekta	Kohteen poistaminen	Bärgning av föremål	Удаление объекта	Уклањање објекта
INFSER	Tájékoztatás	Servizz ta' informazzjoni	Informatieservice	Serwis informacyjny	Serviço de informações	Mesaj informativ	Informačná služba	informacijska služba	Tietopalvelu	Informationstjänst	Информационная служба	Инфо-сервис

TARGET GROUP CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
ALL	all	Всички	Todos	všichni	Alle	alle	Kõik	Όλα	Tous les usagers	Sve vrste plovila	tutti	Visi	Visi
CDG	vessels with dangerous goods	Търговски кораб превозващ опасни товари	Embarcaciones con mercancías peligrosas	plavidla určená pro přepravu nebezpečného nákladu	Fartøjer med farligt gods	Fahrzeuge mit gefährlichen Gütern	Ohtliku lastiga kaubalaev	Εμπορικά σκάφη με επικίνδυνο φορτίο	Transports de matières dangereuses	Komercijalno plovilo s opasnim teretom	navi mercantili con carichi pericolosi	Komerckuģi ar bīstamu kravu	Prekybos laivai su pavojingu kroviniu
COM	commercial vessels	Търговски кораб	Embarcaciones comerciales	plavidla pro přepravu nákladu	Handelsskibe	kommerzielle Fahrzeuge	Kauba-laevad	Εμπορικά σκάφη	Bateau de commerce	Komercijalno plovilo	navi mercantili	Komerckuģi	Prekybos laivai
PAX	passenger vessels	Пътнически кораб	Embarcaciones de pasajeros	plavidla pro přepravu cestujících	Passagerskibe	Fahrgastschiffe	Reisilaevad	Επιβατηγά σκάφη	Bateau à passagers	Putničko plovilo	navi passeggeri	Pasažieru kuģi	Keleiviniai laivai
PLE	pleasure crafts	Спортен или увеселителен кораб	Embarcaciones de recreo	sportovní plavidla	Fritidsfartøjer	Sportboote	Lõbusõidu-laev	Σκάφη αναψυχής	Bateau de plaisance	Plovilo za razonodu	natanti da diporto	Izpriecešojumu kuģi	Pramoginiai laivai
CNV	convoys	Състав	Convoyes	sestavy	Konvojer	Verbände	Koosseis	Νηοπομπές	Convoi	Sastav	convogli	Karavānas	Vilkstinės
PUS	pushed convoys	Тласкан състав	Convoyes empujados	tlačné sestavy	Skubbekonvojer	Schubverbände	Tõugatav koosseis	Ωθούμενες νηοπομπές	convois poussés	Potiskivani sastav	convogli spinti	Karavānas ar stūmēju	Stumiamos vilkstinės
NNU	non navigating users	Потребители извън корабоплаването	Usuarios no navegantes	jiní než nautičtí uživatelé	Brugere uden for skibsfart	andere als nautische Nutzer	muud kasutajad, v.a alused	Χρήση εκτός ναυσιπλοΐας	usagers non navigants	Korisnici koji ne plove	utilizzatori non in navigazione	Ar kuģošanu nesaistīti izmantotāji	Ne laivybos tikslais
LOA	loaded vessels	Натоварен кораб	Embarcaciones con carga	naložená plavidla	Lastede fartøjer	beladene Fahrzeuge	Laadungis laevad	Φορτωμένα σκάφη	bateaux chargés	Natovareno plovilo	navi cariche	Piekrauti kuģi	Laivai su kroviniu
SMA	small crafts	Малък кораб	Embarcaciones pequeñas	malá plavidla	Små fartøjer	Kleinfahrzeuge	Väikelaevad	Μικρά σκάφη	petites embarcations	Malo plovilo	piccoli natanti	Mazas tonnāžas peldlīdzekļi	Maži laivai
CND	convoys with dangerous goods	Състав превозващ опасен товар	Convoyes con mercancías peligrosas	sestava pro přepravu nebezpečného nákladu	Konvojer med farligt gods	Verbände mit gefährlichen Gütern	Ohtliku lastiga konvoid	Νηοπομπές με επικίνδυνα εμπορεύματα	convois de matières dangereuses	Sastav sa opasnim teretom	convogli con carichi pericolosi	Karavānas ar bīstamu kravu	Vilkstinės su pavojingu kroviniu
MOV	motorized vessels	Моторен кораб	Embarcaciones motorizadas	plavidla s vlastním strojním pohonem	Motordrevne fartøjer	Fahrzeuge mit Maschinenantrieb	Mootorlaevad	Μηχανοκίνητα σκάφη	bateaux motorisés	Plovilo s motorom	navi a motore	Motorizēti kuģi	Motoriniai laivai

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
NMV	non-motorized vessels	Немоторен кораб	Embarcaciones no motorizadas	plavidla bez vlastního strojního pohonu	Ikkemotordrevne fartøjer	Fahrzeuge ohne Maschinenantrieb	Mootorita laevad	Μη μηχανοκίνητα σκάφη	bateaux non motorisés	Plovilo bez motora	navi non a motore	Nemotorizēti kuģi	Nemotoriniai laivai
WOC	worksite crafts	Работни плаващи средства	Embarcaciones de obras	plavidla vykonávající práce na vodní cestě	Flydende arbejdsplatforme	Baufahrzeuge	Töölaevad	Σκάφη εργοταξίου	bateaux de service	Radno plovilo	navi cantiere	Darblaukuma peldlīdzekļi	Statybvietės plaukiojančios priemonės

TARGET GROUP CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
ALL	mindenkire vonatkozó	kollha	Alle scheepvaart	Wszystkie jednostki	Todos os utentes	toți utilizatorii	všetci (používatelia)	vse	Kaikki	Alla	Все суда	Сви
CDG	kereskedelmi hajó veszélyes áruval	bastimenti b'merkanzija perikoluża	Beroepsvaart gevaarlijke stoffen	Statki handlowe przewożące ładunki niebezpieczne	Embarcações de comércio com mercadorias perigosas	transport de materiale periculoase	plavidlá s nebezpečným tovarom	trgovska plovila z nevarnim blagom	Kauppa-alukset, joissa on vaaral-lisia aineita	Handelsfartyg med farlig last	Торговое судно с опасным грузом	Комерцијална пловила са опасним теретом
COM	kereskedelmi hajó	bastimenti kummerċjali	Beroepsvaart	Statki handlowe	Embarcações de comércio	navă comercială	obchodné lode	trgovska plovila	Kauppa-alukset	Handelsfartyg	Торговое судно	Комерцијално пловило
PAX	személyszállító hajó	bastimenti tal-passiġġieri	Passagiersschepen	Statki pasażerskie	Embarcações de passageiros	navă de pasageri	osobné lode	potniška plovila	Matkustaja-alukset	Passagerarfartyg	Пассажирское судно	Путничко пловило
PLE	kedvtelési célú hajó	opri tal-bahar għar-rikreazzjoni	Recreatievaart	Statki rekreacyjne	Embarcações de recreio	navă de agrement	rekreačné a športové plavidlá	plovila, namenjena za šport in rekreacijo	Huvialukset	Fritidsbåtar	Прогулочное судно	Спортско-рекреативно пловило
CNV	hajókötelék	konvojs	Samenstel	Zestawy	Comboios	convoi	zostavy	konvoji	Kytkyeet	Konvojer	Состав	Састави
PUS	tolt kötelékek	konvojs imbuttati	Duweenheid	Zestawy pchane	Comboios empurrados	convoi împins	tlačné zostavy	potisni konvoji	Työnnetyt kytkyeet	Påskjuten konvoj	Толкаемый состав	Потискивани састави
NNU	nem hajózási használók	utenti li ma jinnavigawx	Niet nautische gebruikers	Użytkownicy nieżeglujący	Utentes não navegantes	personal nenavigant	neplávajúci užívatelia	uporabniki, ki ne plujejo	muut käyttäjät kuin vesilläliikkujat	Andra än sjöfarande	для несудоходных целей	Корисници који не плове
LOA	berakott hajó	bastimenti mgħobbija	Beladen schepen	Statki załadowane	Embarcações carregadas	nava încărcată	naložené plavidlá	natovorjena plovila	Lastatut alukset	Lastade fartyg	Груженое судно	Натоварено пловило
SMA	kishajó	opri tal-bahar żgħar	Kleine vaartuigen	Mały statek	Pequenas embarcações	șalupă mică	malé plavidlá	mali plovni objekti	Pienet alukset	Småbåtar	Малое судно	Мало пловило

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CND	veszélyes árut szállító kötelék	konvojs b'merkanzija perikoluża	Samenstel met gevaarlijke stoffen	Zestaw z ładunkiem niebezpiecznym	Comboios com mercadorias perigosas	convoi cu mărfuri periculoase	zostavy s nebezpečným tovarom	konvoji z nevarnim blagom	Kytkyeet, joissa vaarallisia aineita	Konvojer med farligt gods	Состав с опасными грузами	Састави са опасним теретом
MOV	motoros hajó	bastimenti b'mutur	Vaartuigen met motor	Statek o napędzie mechanicznym	Embarcações motorizadas	nave propulsate	plavidlá s vlastným strojným pohonom	motorizirana plovila	Moottoroidut alukset	Motordrivna fartyg	Моторные суда	Моторизовано пловило
NMV	motor nélküli hajó	bastimenti li ma ghandhomx mutur	Vaartuigen zonder motor	Statek bez napędu mechanicznego	Embarcações não-motorizadas	nave nepropulsate	plavidlá bez vlastného strojného pohonu	plovila brez motorja	Muut kuin moottoroidut alukset	Icke motordrivna fartyg	Безмоторные суда	Немоторизовано пловило
WOC	úszómunkagép	opri tal-bahar ta' sit tax-xoghol	Schepen voor bouwwerkzaamheden	Statek roboczy	Embarcações de estaleiro	şalupa tehnică	plavidlá vykonávajúce práce na vodnej ceste	plovni objekti na delovni lokaciji	Työmaa-alukset	Arbetsfartyg	Технический флот	Пловни објекат на градилишту

TYPE CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
RIV	river	Река	Río	řeka	Flod	Fluss	Jõgi	Ποταμός	Rivière	Rijeka	fiume	Upe	Upė
CAN	canal	Канал	Canal	kanál	Kanal	Kanal	Kanal	Κανάλι	Canal	Kanal	canale	Kanāls	Kanalas
LAK	lake	Езеро	Lago	jezero	Sø	See	Järv	Λίμνη	Bassin	Jezero	lago	Ezers	Ežeras
FWY	fairway	Фарватер	Vía navegable	plavební dráha	Farvand	Fahrwasser	Faarvaater	Δίαυλος	Chenal	Plovni put	canale navigabile	Kuģu ceļš	Farvateris
LCK	lock	Бараж	Esclusa	plavební stupeň	Sluse	Schleuse	Lüüs	Υδατοφράκτης	Ecluse	Prevodnica	conca	Slūžas	Šliuzas
BRI	bridge	Мост	Puente	most	Bro	Brücke	Sild	Γέφυρα	Pont	Most	ponte	Tilts	Tiltas
RMP	ramp	Рампа	Rampa	rampa	Rampe	Rampe	Ramp	Πλατοφόρμα	Plan incliné	Rampa	rampa	Traps	Rampa
BAR	weir	Бент	Presa	jez	Overløbsdæmning	Wehr	Ülevoolupais	Φράγμα ποταμού	Barrage	Pregrada	sbarramento	Aizsprosts	Užtvanka
BNK	bank	Бряг	Margen	břeh	Bred	Ufer	Kallas	Όχθη	Berge	Obala	sponda	Krasts	Krantas
GAU	tide gauge	Водомерна станция	Mareógrafo	vodočet	Tidevandsmåler	Pegel	Tõusu ja mõõna mõõtur	Παλιρροιογράφος	Échelle/Marégraphe	Vodomjerna postaja	mareometro	Paisuma/ bēguma līmeņrādis	Mareografas
BUO	buoy	Буй	Boyas	bóje	Bøje	Boje	Poi	Σημαντήρας	Bouée	Plutača	boa	Boja	Plūduras
BEA	beacon	Фар	Balizas	maják	Fast sømærke	Bake	Paak	Υφαλοδείκτης	Balise	Svjetleći obalni znak	gavitello	Bāka	Švyturys
ANC	anchoring area	Котвена стоянка	Fondeadero	kotviště	Opankringsområde	Ankerplatz	Ankruplats	Περιοχή αγκυροβολίας	zone de stationnement	Sidrište	area di ancoraggio	Enkurvieta	Inkaravimosi vieta
BER	berth	Корабно място (кей)	Atracadero	vývaziště	Kajplads	Liegestelle	Kai	Αποβάθρα	point de stationnement	Pristanište	attracco	Pietauvošanas vieta	Prieplauka
MOO	mooring facility	Швартово устройство	Amarradero	vyvazovací zařízení	Fortøjningsanlæg	Festmacheeinrichtung	Sildumis-rajatis	Εγκατάσταση πρόσδεσης	Aménagement d'amarrage	Oprema za vezivanje	struttura di ormeggio	Pietauvošanas ierīce	Švartavimosi įrenginys
TER	terminal	Терминал	Terminal	překladiště	Terminal	Umschlagplatz	Terminal	Τερματικός σταθμός	Terminal	Terminal	terminal	Terminmāls	Terminalas

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
HAR	harbour	Пристанище	Puerto	přístav	Havn	Hafen	Sadam	Λιμάνι	Port	Luka	porto	Osta	Uostas
FDO	floating dock	Плаващ док	Muelle flotante	plovoucí dok	Flydedok	Schwimmdock	Ujuvdokk	Πλωτή αποβάθρα	Pontons	Plutajući dok	bacino galleggiante	Peldošais doks	Plūdrusis dokas
CAB	cable overhead	Далекопровод	Cable aéreo	vzdušné vedení kabelu	Luftledning	Überspannung	Elektriliin	Εναέριο καλώδιο	Câble suspendu (Chemin de câbles, lignes électriques)	Viseći dalekovod	cavo sospeso	Kabeļu pārvads	Oro linijos kabelis
FER	ferry	Ферибот	Transbordador	přívoz	Kabelfærge	Fähre	Parvlaev	Οχηματαγωγό	Bac	Skela	funivia	Prāmis	Keltas
PIP	pipeline	Тръбопровод	Conductos	potrubí	Rørledning	Pipeline	Torujuhe	Αγωγός	Oléoduc	Cjevovod	conduttura	Cauruļvads	Vamzdynas
PPO	pipeline overhead	Надземен тръбопровод	Conductos aéreos	nadzemní vedení potrubí	Rørbro	Rohrbrücke	Torustiku liin	Εναέριος αγωγός	Oléoduc aérien	Viseći cjevovod	conduttura sospesa	Cauruļvadu pārvads	Virš vandens iškeltas vamzdynas
HFA	harbour facility	Пристанищно оборудване	Instalación portuaria	přístavní zařízení	Havneanlæg	Hafeneinrichtung	Sadama rajatis	Λιμενική εγκατάσταση	Installation portuaire	Lučke građevine	installazione portuale	Ostas iekārta	Uosto įranga
HMO	harbour master's office	Капитан на пристанището	Capitanía de puerto	kancelář vedoucího přístavu	Havnekontor	Hafenmeisterbüro	Sadamakapteni büroo	Λιμεναρχείο	Capitainerie	Kapetanija	capitaneria di porto	Ostas kapteiņa dienests	Uosto kapitono biuras
SHY	shipyard	Корабостроителница	Astillero	loděnice	Skibsværft	Werft	Laevatehas	Ναυπηγείο	Chantier naval	Brodogradilište	cantiere navale	Kuģu būvētava	Laivų statykla
REF	refuse dump	Пункт за събиране на отпадъци	Depósito de residuos	sběrna odpadu	Affaldsdeponi	Abfallsammelstelle	Prahikallur	Χώρος απόρριψης αποβλήτων	Station de collecte de déchets	Skladište otpadnog materijala	punto raccolta rifiuti	Atkritumu izgāztuve	Atliekų surinkimo aikštelė
MAR	notice mark	Информационно табло	Panel de señalización	plavební znak	Advarselsmærke	Schifffahrtszeichen	Teatise tähis	Προειδοποιητικό σημείο	Panneau de signalisation	Plovidbena oznaka	segnalazione	Informatīva zīme	Įspėjimo ženklas
LIG	light	Светещ знак	Alumbrado	světlo	Lys	Leuchtfeuer	Tuli	Φανός	Feux	Svjetlo	fanale	Gaisma	Šviesos
SIG	signal station	Сигнална станция	Estación de señalización	signální stanice	Signalstation	Signalstation	Märguandepunkt	Σηματοφορικός σταθμός	Station de signalisation	Signalna postaja	stazione di segnalamento	Signālstacija	Signalų postas
TUR	turning basin	Район за поворот	Cuenca de maniobra	obratiště	Vendebassin	Wendestelle	Pöörde eeldokk	Λεκάνη στροφής	Bassin de virage	Mjesto za okretanje	bacino di manovra	Pagriešanās vieta	Apsisukimo baseinas
CBR	canal bridge	Мост на канал	Puente canal	přemostění kanálu	Kanalbro	Kanalbrücke	Kanalisild	Γέφυρα καναλιού	Pont Canal	Most na kanalu	acquedotto	Kanāla tilts	Kanalo tiltas

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
TUN	tunnel	Тунел	Túnel	tunel	Tunnel	Tunnel	Tunnel	Σήραγγα	Tunnel	Tunel	tunnel	Tunelis	Tunelis
BCO	border control	Граничен контрол	Puesto fronterizo	hraniční kontrola	Grænsekontrol	Grenzstation	Piirikontroll	Συνοριακός έλεγχος	Poste de douane	Granična kontrola	controllo di frontiera	Robežkontrole	Pasienio kontrolė
REP	reporting point	Контролен пост	Puesto de notificación	místo hlášení	Rapporteringspunkt	Meldepunkt	Aruandluspunkt	Σημείο αναφοράς	Poste de contrôle	Kontrolna točka	punto di controllo	Ziņošanas vieta	Kontrolės punktas
FLO	flood gate	Шлюз	Compuertas	ochranná vrata	Overløbslukke	Sperrtor	Tõusuvee-tõke	Θύρα υδροφράχτη	Porte de garde	Vrata prevodnice	paratoia	Slūžas	Dambos uždoris
SLI	ship lift	Корабен елеватор/подемник	Elevador de barcos	lodní výtah	Skibskran	Schiffshebewerk	Laevalift	Ανυψωτήρας πλοίων	ascenseur à bateaux	Dizalo za brod	ascensore per navi	Kuģu lifts	Laivų keltuvas
DUK	culvert	Водосток	Paso	propustek	Gennemløbsrør	Düker	Toruviik	Υδαταγωγός	caniveau	Odvodni kanal	tomba a sifone	Ūdensvadne	Pralaida
VTC	vessel traffic centre	Център за управление на корабоплаването	Centro de tráfico naval	centrum řízení plavby	Skibstrafikcenter	Verkehrszentrale	Laevaliikluskeskus	Κέντρο ρύθμισης της κυκλοφορίας των πλοίων	centre de gestion de trafic	Kontrolni centar	Centro di controllo del traffico navale	Kuģu satiksmes centrs	Laivų eismo centras
RES	reservoir	Резервоар	Embalse	nádrž	Reservoir	Stauhaltung	Hoidla	Δεξαμενή	bassin réservoir	Akumulacija	bacino	Rezervuārs	Tvenkinys
LKB	lock basin	Шлюзова камера	Esclusa con cabezas separadas	plavební komora	Kedelsluse	Schleusenkammer	Lüüsitiik	Θάλαμος δεξαμενής ανύψωσης	sas d'écluse	Bazen prevodnice	conca di navigazione	Slūžu baseins	Šliuzo baseinas
BRO	bridge opening	Плавателен отвор на мост	Apertura de puente	mostní pole	Oplukkelig bro	Brückendurchfahrtsöffnung	Sild avatud	Άνοιγμα γέφυρας	passe de pont	Otvor mosta	apertura del ponte	Tilta atvērums	Tilto anga
BNS	bunker/fuelling station	Място за бункероване	Tanque/Estación de suministro de combustible	tankovací stanice	bunker/tankstation	Bunkerstation	Punkerdus-/tankimisjaam	Αποθήκη καυσίμων/σταθμός τροφοδοσίας καυσίμων	poste de ravitaillement	Terminal za opskrbu gorivom	stazione di bunkeraggio / rifornimento	Tvertne/uzpildes stacija	Bunkeris / kuro pildymo punktas

TYPE CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
RIV	folyó	xmara	Rivier	Rzeka	Rio	fluviu	rieka	reka	Joki	Flod	Река	Река
CAN	csatorna	kanal	Kanaal	Kanał	Canal	canal	kanál	kanal	Kanava	Kanal	Канал	Канал
LAK	tó	lag	Meer	Jezioro	Lago	lac	jazero	jezero	Järvi	Sjö	Озеро	Језеро
FWY	hajóút	kanal navigabbli	Vaarweg	Tor wodny	Via navegável	şenal	plavebná dráha	plovna pot	Väylä	Farled	Фарватер	Пловни пут
LCK	zsilip	bieb tal-ilma magħluq	Sluis	Śluza	Eclusa	ecluză	plavebný stupeň	zapornica	Sulku	Sluss	Шлюз	Преводница
BRI	híd	pont	Brug	Most	Ponte	pod	most	most	Silta	Bro	Мост	Мост
RMP	rámpa	rampa	Helling	Pochylnia	Rampa	rampă	rampa	rampa	Ramppi	Ramp	Рампа	Рампа
BAR	gát	diga sommerġibbli	Stuw	Jaz	Barragem	baraj	hať	jez	Pato	Damm	Плотина	Устава
BNK	part	xatt	Oever	Brzeg	Margem	banc	breh	breg	Ranta	Bank	берег водоема	Обала (реке, канала, језера)
GAU	vízmérce	kejl il-marea	Peilschaal	Wodowskaz	Fluviómetro/ marégrafo	mină de maree	vodomerná stanica	vodomerna postaja	Vuorovesimittari	Tidvattenmätare	водомерная станция, водомер	Водомерна станица
BUO	bója	baga	Boei	Boja	Boia	geamandură	bója	plovec	Poiju	Boj	Буй	Бова
BEA	parti (irány)jel	fanal	Baken	Stawa	Baliza	baliză	maják	svetilnik	Merimerkki	Signalboj	Маяк	Светлећи обалски знак
ANC	horgonyzó-hely	żona ta' ankraġġ	Ankerplaats	Kotwicowisko	Ancoradouro	sector de ancorare	kotvisko	sidrišče	Ankkurointialue	Ankringsområde	Якорная стоянка	Сидриште
BER	kikötőhely	irmiġġ	Ligplaats	Miejsce postoju	Cais/fundeadouro	punct de ancorare	výväzisko	privez	Laituripaikka	Kaj	Причал	Пристајалиште
MOO	kikötőberendezés	faċilità ta' rmiġġ	Afmeerfaciliteit	Cumowisko	Posto de amarração	posibilitate de acostare	vyväzovacie zariadenie	naprava za privez	Kiinnittymislaitteisto	Förtöjningsanläggning	Швартовое устройство	Опрема за извезивање
TER	rakodó	terminal	Terminal	Terminal	Terminal	terminal	terminál	terminal	Terminaali	Terminal	Терминал	Терминал

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
HAR	kikötő	port	Haven	Port	Porto	port	prístav	pristanišče	Satama	Hamn	Порт	Лука
FDO	úszódokk	baċir f'wiċċ l-ilma	Drijvend dok	Dok pływający	Doca flutuante	ponton	plávajúci dok	plavajoči dok	Uiva telakka	Flytdocka	плавучий док	Пловећи док
CAB	átfeszítés	kejbil fl-ajru	Overhangende kabel	Kabel napowietrzny	Cabo aéreo	cablu suspendat	vzdušné vedenie kábla	zračni daljnovod	Kaapeli yläpuolella	Luftledning	Подвесной кабель	Далековод
FER	komp	lanċa	Veerpont	Prom	Ferry	bac	prievozná loď (kompa)	trajekt	Lautta	Färja	Паром	Скела
PIP	csővezeték	pipeline	Pijpleiding	Rurociąg	Conduta	conducte	potrubie	cevovod	Putkijohto	Pipeline	Трубопровод	Цевовод
PPO	csőhíd	pipeline fl-ajru	Overhangende pijpleiding	Rurociąg napowietrzny	Conduta aérea	conducte suspendate	vzdušné vedenie potrubia	zračni cevovod	Putkijohto yläpuolella	Luftpipeline	Надземный трубопровод	Надземни цевовод
HFA	kikötői létesítmény	faċilità portwarja	Havenfaciliteit	Obiekt portowy	Instalação portuária	facilități portuare	prístavné zariadenia	pristaniška naprava	Satamalaitteisto	Hamnanläggning	Портовое оборудование	Лучка инфраструктура
HMO	kikötő kapitányság	kapitanerija	Havenkantoor	Kapitanat portu	Capitania do porto	căpitănie	Kapitanát	pristaniška kapitanija	Satamakonttori	Hamnkaptenens kontor	Капитания порта	Лучка капетанија
SHY	hajógyár	tarzna	Scheepswerf	Stocznia	Estaleiro naval	şantier naval	lodenica	ladjedelnica	Telakka	Varv	Судостроительный завод	Бродоградилиште
REF	hulladéklerakó	post għar-rimi ta' skart	Afval afgiftepunt	Wysypisko śmieci	Instalação de recolha de resíduos	staţie de colectare a deşeurilor	skládka odpadu	odlagališče odpadkov	Jäteasema	Sopinsamlingspunkt	отвал грунта	Складиште отпадних материја
MAR	hajózási jel(zés)	sinjal ta' avviż	Verkeersteken	Znak informacyjny	Painel de sinalização	panou de semnalizare	plavebný znak	plovbna oznaka	Ilmoitusmerkki	Trafikmärke	Информационный знак	Пловидбени знак
LIG	fény	dawl	Licht	Światło	Luz	semnal luminos	svetlo	svetloba	Valo	Ljus	Огонь	Светло
SIG	jelzőállomás	stazzjon tas-sinjalar	Seinstation	Stacja sygnalizacyjna	Estação de sinalização	staţie de semnalizare	signálna stanica	signalna postaja	Merkinantoasema	Signalstation	Сигнальная станция	Сигнална станица
TUR	fordítóhely	baċir għad-dawran	Zwaaikom	Obrotnica	Bacia de viragem	loc de rondou	obratisko	obračališče	Kääntöallas	Vändplats	разворотный бассейн	Базен за маневрисање
CBR	csatornahíd	pont fil-kanal	Aquaduct	Most kanałowy	Ponte-aqueduto	pod canal	akvadukt	most čez kanal	Kanavasilta	Kanalbro	Аквиадук	Мост на каналу
TUN	alagút	mina	Tunnel	Tunel	Túnel	tunel	tunel	predor	Tunneli	Tunnel	Туннель	Тунел

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
BCO	határállomás	kontroll fil-fruntieri	Grensstation	Kontrola graniczna	Posto fronteiriço	punct control trecere frontieră	hraničná kontrola	mejna kontrola	Rajatarkastus	Gränskontroll	Пограничный контроль	Гранична контрола
REP	jelentkezési pont	punt ta' rappurtar	Meldpunt	Punkt meldunkowy	Ponto de notificação	punct raportare	miesto hlásenia	točka javljanja	Raportointipiste	Rapporteringspunkt	Точка оповещения	Пријавна тачка
FLO	zsilipkapu	xatba għall-għargħar	Keersluis	Śluza	Comporta	poartă pentru regularizare debit	protipovodňové vráta	drsna vrata	Sulkuportti	Dammlucka	Заградительные ворота шлюза	Устава за евакуацију поплавног таласа
SLI	hajólift	makkinarju għall-irfigħ tal-bastimenti	Scheepslift	Podnośnia statków	Elevador de navios	sincrolift nave	lodný výťah	ladijsko dvigalo	Laivahissi	Fartygshiss	Судоподъемник	Бродски лифт
DUK	búvár	kanal tad-drenaġġ	Duiker	Przepust	Aqueduto	scafandru	zhybka	kanal	Holvirumpu	Kulvert	Водопропуск	Одводни канал
VTC	forgalomirányító központ	ċentru tat-traffiku tal-bastimenti	Verkeersleidingcentrum	Centrum ruchu statków	Centro de tráfego de embarcações	centru de management al traficului	centrum riadenia plavby	prometno središče za plovila	Alusliikennekeskus	Center för fartygstrafik	Центр управления движением судов	Центар за управљање саобраћајем
RES	gyűjtő medence	ġibjun	Spaarbekken	Zbiornik	Albufeira	lac de acumulare	vodná nádrž	akumulacijsko jezero	Patoallas	Vattenmagasin	Водохранилище	Акумулација
LKB	zsilip várakozóhely	baċir ta' bieb tal-ilma magħluq	Sluiskolk	Komora śluzy	Bacia de eclusa	bazinul ecluzei	plavebná komora	splavnica	Sulkukammio	Slusskammare	Шлюзовая камера	Комора преводнице
BRO	hídnyílás	ftuħ ta' pont	Brugopening	Otwieranie mostu	Ponte a abrir	pod în deschidere	mostný otvor	prehod mostu	Avattu silta	Broöppning	Разводной мост	Мостовски отвор
BNS	üzemanyagtöltő állomás	stazzjon tal-karburant	Bunker-/tankstation	Bunkierka / Stacja tankowania	Posto de abastecimento	bunker/stație alimentare combustibil	zásobovacia/tankovacia stanica	tank/polnilnica goriva	Tankkausasema	Bunkrings-/tankstation	бункеровка/заправочная станция	Терминал за снадбевање бродова горивом

ICE ACCESSIBILITY CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
A	navigation normal	Нормално корабоплаване	Navegación normal	normální plavební provoz	Normal skibsfart	Schifffahrt normal	Tavapärane navigatsioon	Κανονική ναυσιπλοΐα	Navigation normale	Normalna plovidba	navigazione normale	Normāla kuģošana	Įprasta laivyba
B	navigation not yet hindered	Корабоплаването все още е възможно	Navegación posible	plavba je ještě možná	Skibsfarten hindres endnu ikke	Schifffahrt wird noch nicht behindert	Navigatsioon ei ole veel takistatud	Ναυσιπλοΐα που δεν παρεμποδίζεται ακόμη	Navigation possible	Plovidba još uvijek moguća	navigazione non ancora ostacolata	Kuģošana vēl nav traucēta	Nekliudoma laivyba
F	low traffic	Слабо корабоплаване	Tráfico escaso	slabý plavební provoz	Lav trafiktæthed	wenig Schifffahrt	Vähene liiklus	Χαμηλός ρυθμός κυκλοφορίας	Trafic faible	Slab promet	scarso traffico	Neliela satiksmes intensitāte	Neintensyvus eismas
L	no navigation without breaking	Корабоплаване само след ледоразбивач	Navegación imposible sin rompehielos	nelze plout bez lámání ledu	Ingen skibsfart uden isbryder	keine Schifffahrt ohne Eisbrecher	Vaid katkestustega liiklus võimalik	Καμία ναυσιπλοΐα χωρίς θραύση των πάγων	navigation seulement derrière brise-glace	Nema plovidbe bez lomljenja leda	nessuna navigazione senza rompighiaccio	Kuģošana tikai ar ledus laušanu	Laivyba įmanoma tik naudojant ledlaužį
C	navigation possible for motorvessels with more than 0,74 kW (1 hp) per 2 tons	Корабоплаването е възможно само за кораби с мощност над 0,5 к.с. на тон	Navegación posible para embarcaciones motorizadas con más de 0,74 Kw (1cv) por 2 toneladas	plavba možná pro motorové lodě s výkonem od 0,74 kW (l ks) na 2 tuny	Skibsfart er mulig for motorbåde med mere end 0,74 Kw (1 HK) pr. 2 tons	Schifffahrt möglich für Motorschiffe ab 0,74 kW (1 PS) pro 2 Tonnen	Mootorlaevade (suurema võimsusega kui 0,74 Kw (1hp)/ 2 t) navigatsioon võimalik	Ναυσιπλοΐα δυνατή για μηχανοκίνητα σκάφη ισχύος άνω των 0,74 Kw (1 hp) ανά 2 κόρους	La navigation est possible pour automoteurs de plus de 0,74 Kw (1 ch) par 2 tonnes	Plovidba dozvoljena za plovila s motorom snage veće od 0,74 KW(1 ks)/ 2t	transito possibile per motonavi con potenza superiore a 0,74 kW (1 hp) per 2 tonnellate	Kuģošana iespējama motorkuģiem, kuru jauda ir lielāka nekā 0,74 Kw (1 ZS) uz 2 tonnām	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	Корабоплаването е възможно само за кораби с мощност над 1 к.с. на тон	Navegación posible para embarcaciones motorizadas con más de 0,74 Kw (1cv) por tonelada	plavba možná pro motorové lodě s výkonem od 0,74 kW (l 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	Mootorlaevade (suurema võimsusega kui 0,74 Kw (1hp)/ 1 t) navigatsioon võimalik	Ναυσιπλοΐα δυνατή για μηχανοκίνητα σκάφη ισχύος άνω των 0,74 Kw (1 hp) ανά κόρο	La navigation est possible pour automoteurs de plus de 0,74 Kw (1 ch) par tonne	Plovidba dozvoljena za plovila s motorom snage veće od 0,74 KW(1 ks)/ t	transito possibile per motonavi con potenza superiore a 0,74 kW (1 hp) per tonnellata	Kuģošana iespējama motorkuģiem, kuru jauda ir lielāka nekā 0,74 Kw (1 ZS) uz tonnu	Laivyba leidžiama motorlaiviams, kurių galia yra didesnė nei 0,74 kW (1 hp) tonai
E	navigation possibilities remain constant	Възможностите за корабоплаване не са променени	Posibilidades de navegación estables	setrvalé plavební podmínky	Ingen ændring af de nuværende sejlmuligheder	heutige Fahrmöglichkeiten bleiben gleich	Navigatioonivõimalused konstantsed	Οι δυνατότητες ναυσιπλοΐας παραμένουν σταθερές	Les possibilités de navigation sont constantes	Uvjeti plovidbe ostaju isti	condizioni di transito costanti	Kuģošanas iespējas nemainās	Nepakitusios laivybos sąlygos
G	navigation possibilities may deteriorate rapidly	Възможно е рязко влошаване на условията за корабоплаване	Posibilidades de navegación que pueden deteriorarse rápidamente	plavební podmínky se mohou náhle zhoršit	Sejlmulighederne kan hurtigt forværres	Fahrmöglichkeit kann sich schnell verschlechtern	Navigatsioonivõimalused võivad kiiresti halveneda	Οι δυνατότητες ναυσιπλοΐας μπορούν να επιδεινωθούν ταχέως	Les possibilités de navigation peuvent se détériorer rapidement	Uvjeti plovidbe mogu se naglo pogoršati	navigabilità che può peggiorare rapidamente	Kuģošanas iespējas var strauji pasliktināties	Laivybos sąlygos gali greitai pablogėti

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H	no navigation but no obstruction	Корабоплаването е преустановено, но няма препятствия	Navegación imposible pero sin obstrucciones	přerušení plavby bez plavebních překážek	Ingen skibsfart, men ingen hindring	keine Schifffahrt, aber keine Schifffahrtssperre	Navigatsiooni ei toimu, aga takistust ei ole	Καμία ναυσιπλοΐα αλλά ούτε και παρεμπόδιση	Interruption de navigation même sans obstacle	Nema plovidbe, nema prepreka	nessun transito anche senza ostruzione	Kuģošana nenotiek, bet kuģošanas aizliegums nepastāv	Laivyba neleidžiama, tačiau kliūčių nėra
M	navigation possible with the aid of ice breakers	Корабоплаването е възможно само с ледорезни приспособления	Navegación posible con asistencia de rompehielos	plavba je možná s pomocí ledoborce	Skibsfart mulig med støtte fra isbrydere	Schifffahrt mit Eisbrecher möglich	Navigatsioon võimalik jäämurdjate abiga	Ναυσιπλοΐα δυνατή με τη βοήθεια παγοθραυστικών	La navigation est possible à l'aide d'un brise-glace	Plovidba moguća uz upotrebu ledolomca	transito possibile con l'intervento dei rompighiaccio	Kuģošana iespējama ar ledlaužu palīdzību	Laivyba galima naudojant ledlaužį
K	navigation possible in convoy or towage	Корабоплаването е възможно в състав или с буксир	Navegación posible en convoy o remolque	plavba je možná ve skupině plavidel za sebou nebo ve vlečné sestavě	Skibsfart mulig i konvoj eller på slæb	Fahren im Konvoi oder Schlepp möglich	Navigatsioon võimalik kolonnis või pukseerides	Ναυσιπλοΐα δυνατή σε νηοπομπές ή με ρυμούλκιση	La navigation est possible en convois ou avec remorqueur	Plovidba moguća u sastavu ili u teglju	navigazione possibile in convoglio o in traino	Kuģošana iespējama karavānā vai, velkot tauvā	Laivyba galima vilkstine arba su vilkiku
T	navigation possibilities may improve rapidly	Възможно е рязко подобряване на условията за корабоплаване	Posibilidades de navegación que pueden mejorar rápidamente	plavební podmínky se mohou náhle zlepšit	Sejlmulighederne kan hurtigt forbedres	Fahrmöglichkeit kann sich schnell verbessern	Navigatsioonivõimalused võivad kiiresti paraneda	Οι δυνατότητες ναυσιπλοΐας μπορούν να βελτιωθούν ταχέως	Les possibilités de navigation peuvent s'améliorer rapidement	Uvjeti plovidbe se mogu naglo poboljšati	navigabilità che può migliorare rapidamente	Kuģošanas iespējas var strauji uzlaboties	Laivybos sąlygos gali greitai pagerėti
P	inland ports can hardly be reached	Речните пристанища са трудно достъпни	Puertos interiores casi inaccesibles	vnitrozemské přístavy jsou těžko dosažitelné	Indlandshavne svært tilgængelige	Innenhäfen kaum erreichbar	Siseveesadamad raskesti ligipääsetavad	Δύσκολη προσέγγιση των εσωτερικών λιμένων	L'arrivée aux ports intérieurs est très difficile	Riječne luke teško dostupne	porti fluviali difficilmente raggiungibili	Piekļuve iekšzemes ostām apgrūtināta	Vidaus uostai sunkiai pasiekiami
V	no navigation allowed	Преустановено корабоплаване	Navegación prohibida	zákaz plavby	Sejlads ikke tilladt	Fahrverbot	Navigatsioon keelatud	Δεν επιτρέπεται η ναυσιπλοΐα	Navigation interrompue	Plovidba nije dopuštena	nessun transito consentito	Kuģošana aizliegta	Laivyba draudžiama
X	navigation in convoys compulsory	Плаването в състав е задължително	Obligatorio navegar en convoy	přikázaná plavba plavidel ve skupině za sebou	Sejlads i konvoj er påbudt	Konvoifahrt verpflichtend	Navigatsioon kolonnis kohustuslik	Υποχρεωτική ναυσιπλοΐα σε νηοπομπές	Navigation en convois obligatoire	Obvezna plovidba u sastavima	obbligo di navigazione in convoglio	Obligāta kuģošana karavānā	Privaloma laivyba vilkstine

ICE ACCESSIBILITY CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
A	normális/szokásos hajózás	navigazzjoni normali	Scheepvaart normaal	żegluga normalna	Navegação normal	navigație normală	normálna plavba	normalna plovba	normaali alusliikenne	Normal sjöfart	Нормальные условия для судоходства	Нормална пловидба
B	hajózás még nem korlátozott	navigazzjoni ghadha mhux imfixkla	Scheepvaart ondervindt nog geen hinder	żegluga jeszcze bez przeszkód	Navegação possível	navigație posibilă	plavba ešte nie je obmedzená	plovba je še vedno možna	alusliikenteessä ei vielä esteitä	Ännu obehindrad sjöfart	судоходство допустимо	Пловидба још увек могућа
F	jelentéktelen hajóforgalom	ftit li xejn traffiku	Scheepvaart gering	niskie natężenie żeglugi	Tráfego ligeiro	trafic scăzut	slabá premávka	malo prometa	vähäinen alusliikenne	Låg sjötrafik	низкий судопоток	Слаб саобраћај
L	jégtörõ nélkül hajózási tilalom	ebda navigazzjoni projbita minghajr tkissir	Geen vaart indien niet wordt gebroken	żegluga tylko w asyście lodołamacza	Navegação impossível sem quebra-gelos	nu se navighează fără dispozitiv de spargere a gheții	zákaz plavby bez ľadoborca	plovba brez ledolomilca ni dovoljena	ei alusliikennettä ilman jäänmurtamista	Ingen sjöfart utan isbrytning	плавание только под проводкой ледокольных средств	Нема пловидбе без ломљења леда
C	hajózás csak géphajóknak: minimum 0,74 kW 2 tonánkként	navigazzjoni possibbli ghal bastimenti b'mutur ta' potenza oghla minn 0,74 kW (1 hp) ghal kull 2 tunnellati	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 0,74 kW (1cv) por 2 toneladas	navigația 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 (1 hp) na 2 t	plovba mogoča za motorna plovila z močjo večjo od 0,74 kW (1 KM) na 2 toni	alusliikenne mahdollista moottorialuksille, joiden teho on yli 0,74 Kw (1 hp) 2 tonnia kohden	Sjöfart möjlig med motorfartyg över 0,74 kW(1hp) per 2 ton	навигация только для самоходных судов с удельной мощностью более 1 лошадиной силы на 2 тонны	Пловидба дозвољена за самохотке (пловила са сопственим погоном) са више од 0,74 kW (1KS) по 2t
D	hajózás csak géphajóknak: minimum 0,74 kW tonánkként	navigazzjoni possibbli ghal bastimenti b'mutur ta' potenza oghla 0,74 kW (1 hp) ghal kull tunnellata	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	navigația este posibilă pentru automotoare cu mai mult de 0,74 Kw (1 CP) per tonã	plavba možná pre motorové plavidlá s výkonom viac ako 0,74 kW (1 hp) / t	plovba mogoča za motorna plovila z močjo večjo od 0,74 kW (1 KM) na tono	alusliikenne mahdollista moottorialuksille, joiden teho on yli 0,74 Kw (1 hp) tonnia kohden	Sjöfart möjlig med motorfartyg över 0,74 kW(1hp) per ton	навигация только для самоходных судов с удельной мощностью более 1 лошадиной силы на 1 тонну	Пловидба дозвољена за самохотке (пловила са сопственим погоном) са више од 0,74 kW (1KS) по 1t
E	hajózási feltételek állandósultak	il-possibbiltajiet ta' navigazzjoni jibqghu kostanti	Huidige vaarmogelijkheid blijft hetzelfde	warunki żeglugi bez zmian	Possibilidades de navegação estáveis	posibilitățile de navigație rămân constante	súčasné plavebné podmienky zostávajú rovnaké	možnost plovbe ostaja nespremenjena	alusliikennemahdollisuudet pysyvät ennallaan	Farbarhet förblir oförändrad	навигационные условия без изменений	Услови пловидбе остају исти
G	a hajózási lehetõségek gyorsan változhatnak	il-possibbiltajiet ta' navigazzjoni jistghu jiddeterjoraw rapidament	Vaarmogelijkheid kan snel verslechteren	możliwość gwałtownego pogorszenia warunków żeglugi	Possibilidades de navegação podem deteriorar-se rapidamente	posibilitățile de navigație se pot deteriora rapid	plavebné podmienky sa môžu rýchlo zhoršiť	možnost plovbe se lahko hitro poslabša	alusliikennemahdollisuudet voivat huonontua nopeasti	Farbarheten kan minska snabbt	возможно резкое ухудшение условий плавания	Услови пловидбе се могу нагло погоршати

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
H	hajózás akadálymentesség ellenére nincs	ebda navigazzjoni iżda ebda ostaklu	Geen vaart, maar niet gestremd	żegluga przerwana mimo braku zakazu żeglugi	Navegação impossível, mas não há obstruções	nu se navighează dar nu sunt obstrucții	zastavená plavba, bez plavebnej prekážky	plovba ni dovoljena, vendar ni ovir	ei alusliikennettä, vaikkei estettä	Ingen sjöfart, men ingen blockering	судоходства нет, но движение разрешено	Нема пловидбе, нема препрека
M	hajózás jégtörővel lehetséges	navigazzjoni possibbli bit-tkissir tas-silġ	Scheepvaart met ijsbrekers mogelijk	możliwość żeglugi w asyście lodołamaczy	Navegação possível com a assistência de quebra-gelos	navigația este posibilă cu ajutorul spărgătoarelor de gheață	plavba možná s pomocou ľadoborca	plovba mogoča s pomočjo ledolomilca	alusliikenne mahdollista jäänmurtajien avulla	Sjöfart möjlig med hjälp av isbrytare	плавание под проводкой ледокольных средств разрешено	Пловидба могућа уз употребу ледолома
K	hajózás kötelékben vagy vontatva lehetséges	navigazzjoni possibbli f'konvoj jew permezz ta' rmonkar	Varen in konvooi of sleep mogelijk	możliwość żeglugi w konwojach lub za holownikiem	Navegação possível em comboio ou a reboque	navigația este posibilă în convoi sau remorcat	plavba možná v zostave alebo vo vleku	plovba mogoča v konvoju ali z vlečenjem	alusliikenne mahdollista kytkyeessä tai hinauksessa	Sjöfart möjlig i konvoj eller med bogsering	движение в составах или с буксирами	Пловидба могућа за потискивање или тегљене саставе
T	hajózási lehetőségek gyorsan javulhatnak	il-possibbiltajiet ta' navigazzjoni jistgħu jitjiebu rapidament	Vaarmogelijkheid kan snel verbeteren	możliwość szybkiej poprawy warunków żeglugi	Possibilidades de navegação podem melhorar rapidamente	posibilitățile de navigație se pot ameliora rapid	plavebné podmienky sa môžu rýchlo zlepšiť	možnost plovbe se lahko hitro izboljša	alusliikennemahdollisuudet voivat parantua nopeasti	Farbarheten kan öka snabbt	возможно резкое улучшение условий плавания	Услови пловидбе се могу нагло побољшати
P	belvízi kikötők alig elérhetők	diffiċli jintlaħqu l-portijiet interni	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	vaikea päästä sisävesisatamiin	Inlandshamnar mycket svåråtkomliga	доступ к внутренним портам сильно затруднён	Речне луке тешко доступне
V	hajózási tilalom	navigazzjoni projbita	Vaarverbod	zakaz żeglugi	Navegação proibida	navigația nu este permisă	zákaz plavby	plovba prepovedana	alusliikenne ei ole sallittua	Ingen sjöfart tillåten	навигация запрещена	Пловидба није дозвољена
X	hajózás csak kötelékben engedélyezett	in-navigazzjoni f'konvojs hija obbligatorja	Verplichte konvooivaart	obowiązek żeglugi w konwojach	Obrigatório navegar em comboio	navigația în convoaie este obligatorie	povinná plavba v zostave	obvezna plovba v konvojih	alusliikenne kytkyeissä pakollista	Obligatorisk konvojgång	движение только в составах	Обавезна пловидба у саставима

ICE CLASSIFICATION CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
A	navigable	Свободно корабоплаване	Navegable	splavný	Uhindret sejlads	gut befahrbar	Navigeeritav	Πλεύσιμος	navigable	Plovno	navigabile	kuģojams	Laivyba be kliūčių
B	fairly navigable	Умерено корабоплаване	Razonablemente navegable	dobře splavný	Næsten uhindret sejlads	ziemlich gut befahrbar	Keskmiselt navigeeritav	Πλεύσιμος σε μικρό βαθμό	raisonnablement navigable	Pretežno plovno	abbastanza navigabile	diezgan labi kuģojams	Laivyba beveik be kliūčių
C	navigable with difficulty	Затруднено корабоплаване	Navegación difícil	obtížně splatný	Sejlads vanskelig	schwer befahrbar	Raskustega navigeeritav	Πλεύσιμος με δυσκολία	navigation pénible	Plovno uz teškoće	navigabile con difficoltà	grūti kuģojams	Sunki laivyba
D	navigable only with great difficulty	Силно затруднено корабоплаване	Navegación muy difícil	velmi obtížně splavný	Sejlads meget vanskelig	sehr Schwer befahrbar	Üksnes suurte raskustega navigeeritav	Πλεύσιμος μόνο με μεγάλη δυσκολία	navigation très pénible	Plovno uz velike teškoće	navigabile solo con grande difficoltà	ļoti grūti kuģojams	Laivyba labai sunki
E	no navigation allowed	Преустановено корабоплаване	Navegación prohibida	zákaz plavby	Sejlads ikke tilladt	Fahrverbot	Navigatsioon keelatud	Δεν επιτρέπεται καθόλου η ναυσιπλοΐα	navigation interrompue	Plovidba nije dopuštena	nessuna navigazione consentita	kuģošana aizliegta	Laivyba draudžiama

ICE CLASSIFICATION CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
A	hajózható	navigabbli	Goed bevaarbaar	żeglowny	Navegável	navigabil	splavný	plovno	Kulkukelpoinen	Farbar	беспрепятственное судоходство	Пловно
B	teljes mértékben hajózható	pjuttost navigabbli	Vrij goed bevaarbaar	dość żeglowny	Razoavelmente navegável	navigabil în condiții acceptabile	pomerne dobre splavný	precej dobro plovno	melko kulkukelpoinen	Relativt farbar	достаточно беспрепятственное судоходство	Релативно пловно
C	nehezen hajózható	navigabbli b'xi diffikultajiet	Moeilijk bevaarbaar	żeglowny z trudnościami	Navegação difícil	navigabil cu dificultate	splavný s ťažkosťami	težko plovno	hankalasti kulkukelpoinen	Svårframkomlig	затруднённое судоходство	Пловно уз потешкоће
D	nagyon nehezen hajózható	navigabbli biss b'hafna diffikultà	Zeer moeilijk bevaarbaar	żeglowny ale z dużymi trudnościami	Navegação muito difícil	navigabil numai cu mare dificultate	splavný len s veľkými ťažkosťami	zelo težko plovno	erittäin hankalasti kulkukelpoinen	Mycket svårframkomlig	сильно затруднённое судоходство	Пловно уз велике потешкоће
E	hajózási tilalom	navigazzjoni projbita	Vaarverbod	zakaz żeglugi	Navegação proibida	navigație nu este permisă	zákaz plavby	plovba prepovedana	alusliikenne ei ole sallittua	Ingen sjöfart tillåten	судоходство запрещено	Пловидба није дозвољена

ICE CONDITION CODE

Value	Thickness	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
A	—	clear water	Чиста вода	Aguas normales	volná voda	Isfrit farvand	offenes Wasser	selge vesi	Ύδατα άνευ πάγου	Eaux normales	Vodni put bez leda	acque normali	brīvs ūdens	Ledo nėra
B	0 — 4 cm	light spread floating ice	Разпръснат плаващ лед	Hielo flotante ligero disperso	ledová tříšť	Let spredt drivis	Treibeis	kergelt leviv triivjää	Ελαφρά διασκορπισμένα τεμάχια επιπλέοντος πάγου	glaces légères dispersées	Slabo formiran tanak plutajući led	leggero ghiaccio galleggiante sparso	izklaidu peldošs plāns ledus	Plonas pasklidęs plūduriuojantis ledas
C	0 — 4 cm	light floating ice	Рядък плаващ лед	Hielo flotante ligero	slabá ledová tříšť	Let drivis	leichtes Treibeis	kerge triivjää	Ελαφρά τεμάχια επιπλέοντος πάγου	glaces légères flottantes	Tanak plutajući led	ghiaccio leggero galleggiante	plāns peldošs ledus	Plonas plūduriuojantis ledas
D	0 — 4 cm	light solid ice	Слабо заледяване	Hielo sólido ligero	slabý led	Tynd fast is	leichtes Eis	kerge tahke jää	Ελαφρά τεμάχια συμπαγούς πάγου	glace légère	Tanak sloj leda	leggero ghiaccio solido	plāna ledus kārta	Plonas ištisinis ledas
E	4 — 8 cm	medium spread floating ice to 40 % covered	Средно разреден плаващ лед (до 40 % покритие)	Hielo flotante disperso medio que cubre hasta un 40 %	středně silná rozpýlená ledová tříšť, pokrytí do 40 %	Middelsvær drivis op til 40 % dækket	mittelschweres zerstreutes Treibeis, bis 40 % eisbedeckt	keskmiselt leviv triivjää kuni 40 % kattuvusega	Μέσου πάχους διασκορπισμένα τεμάχια επιπλέοντος πάγου που καλύπτουν επιφάνεια 40 %	glaces moyennes dispersées couvrant 40 %	Srednje formiran plutajući led, pokrivenost do 40 %	ghiaccio sparso galleggiante di spessore medio con copertura fino al 40 %	vidēji biezs izklaidu peldošs ledus klāj līdz 40 % ūdens virsmas	Vidutinio storio pasklidęs plūduriuojantis ledas (dengia iki 40 % paviršiaus)
F	4 — 8 cm	medium spread floating ice 40 to 75 % covered	Средно разреден плаващ лед (40 %-70 % покритие)	Hielo flotante disperso medio que cubre entre un 40 % y un 75 %	středně silně rozptýlená ledová tříšť, pokrytí od 40 % do 75 %	Middelsvær drivis 40-75 % dækket	mittelschweres zerstreutes Treibeis, 40 bis 75 % eisbedeckt	keskmiselt leviv triivjää kattuvusega 40 % kuni 75 %	Μέσου πάχους διασκορπισμένα τεμάχια επιπλέοντος πάγου που καλύπτουν επιφάνεια 40 % έως 75 %	glaces moyennes flottantes dispersées couvrant 40 à 75 %	Srednje formiran plutajući led, pokrivenost od 40 do 75 %	ghiaccio sparso galleggiante di spessore medio con copertura compresa tra 40 % e 75 %	vidēji biezs izklaidu peldošs ledus klāj 40 līdz 75 % ūdens virsmas	Vidutinio storio 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 %	Hielo flotante medio que cubre más del 75 % del canal	středně silně rozptýlená ledová tříšť, pokrytí více než 75 %	Middelsvær drivis mere end 75 % dækket	mittelschweres Treibeis, mehr als 75 % der Rinne eisbedeckt	keskmiselt leviv triivjää, rohkem kui 75 % jääpankade või jäävallidena	Μέσου πάχους τεμάχια επιπλέοντος πάγου που καλύπτουν επιφάνεια άνω του 75 % του διαύλου	glaces moyennes flottantes dispersées couvrant plus de 75 % du chenal	Srednje formiran plutajući led, pokrivenost veća od 75 %	ghiaccio galleggiante di spessore medio costituito per più del 75 % da frammenti o canale ricoperto da frammenti	vidēji biezs peldošs ledus, vairāk nekā 75 % ūdens virsmas klāta vižņiem	Vidutinio storio plūduriuojantis ledas (daugiau kaip 75 % sudaro ižas) arba vandens tarpas tarp ledų

Value	Thickness	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
H	4 — 8 cm	medium vast ice	Средно дебел твърд лед	Hielo compacto medio	středně silně pevný led	Middelsvær fast is	mittelschweres festes Eis	keskmine rüsijää	Μέσου πάχους εκτεταμένος πάγος	glace moyenne	Srednje velika santa leda	ghiaccio di spessore medio fisso	vidēji biezs blīvs ledus	Vidutinio storio ištisinis ledas
K	8 — 12 cm	heavy spread floating ice to 40 % covered	Дебел плаващ лед (до 40 % покритие)	Hielo flotante pesado disperso que cubre hasta un 40 %	silná rozptýlená ledová tříšť, pokrytí do 40 %	Svær drivis op til 40 % dækket	schweres zerstreutes Treibeis, bis 40 % eisbedeckt	mitteleviv triivjää kuni 40 % kattuvusega	Βαρέα διασκορπισμένα τεμάχια επιπλέοντος πάγου σε έκταση 40 %	glaces lourdes flottantes dispersées couvrant jusqu'à 40 %	Dobro formiran plutajući led, pokrivenost do 40 %	ghiaccio spesso galleggiante con copertura fino al 40 %	biezs izklaidu peldošs ledus klāj līdz 40 % ūdens virsmas	Storas pasklidęs plūduriuojantis ledas (dengia iki 40 % paviršiaus)
L	8 — 12 cm	heavy spread floating ice 40 to 75 % covered	Дебел плаващ лед (40 %-70 % покритие)	Hielo flotante pesado disperso que cubre entre un 40 % y un 75 %	silná rozptýlená ledová tříšť, pokrytí od 40 % do 75 %	Svær drivis 40-75 % dækket	schweres zerstreutes Treibeis, 40 bis 75 % eisbedeckt	mitteleviv triivjää kattuvusega 40 % kuni 75 %	Βαρέα διασκορπισμένα τεμάχια επιπλέοντος πάγου σε έκταση από 40 % έως 75 %	glaces lourdes flottantes dispersées couvrant 40 à 75 %	Dobro formiran plutajući led, pokrivenost od 40 do 75 %	ghiaccio spesso galleggiante con copertura compresa tra il 40 % e il 75 %	biezs izklaidu peldošs ledus klāj 40 līdz 75 % ūdens virsmas	Storas pasklidęs 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 %	Hielo flotante pesado denso con más del 75 % de posibilidades de cuajar	těžká stlačená ledová tříšť s více než 75 % možnosti koagulace	Svær og pakket drivis mere end 75 % dækket; risiko for fastfrysning	schweres zusammengepferchtes Treibeis mit mehr als 75 %, Gefahr für Dammbildung	paks tihe triivjää jäätumusega rohkem kui 75 %	Βαρέα τεμάχια επιπλέοντος πάγου με πιθανότητες πήξης άνω του 75 %	glaces lourdes flottantes dispersées couvrant plus de 75 % et chance de coagulation	Debele sante leda, 75 % mogućnost zaleđivanja	ghiaccio spesso galleggiante con più del 75 % di probabilità di addensamento	ļoti blīvs peldošs ledus, sablīvējumu veidošanās iespēja — vairāk nekā 75 %	Storas tankus plūduriuojantis ledas, koaguliacijos tikimybė didesnė nei 75 %
P	8 — 12 cm	heavy floating ice with more than 75 % in sludge or lead currently broken sludge	Дебел плътен лед покриващ над 75 % или току що разбит лед	Hielo flotante pesado que cubre más del 75 % del canal recientemente abierto	těžká ledová tříšť, pokrytí více než 75 %, plavební dráha dnes prolomena	Svær drivis mere end 75 % dækket; sejlrende er brudt for nylig	schweres Treibeis mehr als 75 % der Rinne eisbedeckt, Rinne heute gebrochen	paks triivjää rohkem kui 75 % jääpankadena või ajuti murduvate jäävallidena	Βαρέα τεμάχια προσφάτως θρανυσθέντος επιπλέοντος πάγου σε επιφάνεια άνω του 75 % του διαύλου	glaces lourdes flottantes couvrant plus de 75 % du chenal, chenal brisé recemment	Debele sante leda, s više od 75 % leda u komadu ili trenutno polomljenih komada	ghiaccio spesso galleggiante costituito per più del 75 % da frammenti o canale attualmente coperto da ghiaccio frammentato	biezs peldošs ledus ar vairāk nekā 75 % vižņu, kuri nesen salūzuši	Storas plūduriuojantis ledas (daugiau kaip 75 % sudaro ižas) arba šiuo metu tarp ledų pralaužtas vandens tarpas
R	8 — 12 cm	heavy vast ice	Дебел твърд лед	Hielo compacto pesado	těžký pevný led	Svær fast is	schweres festes Eis	paks rüsijää	Βαρέα τεμάχια εκτεταμένου πάγου	glace solide épaisse	Teška velika santa leda	ghiaccio spesso ed esteso	biezs blīvs ledus	Storas ištisinis ledas
S	> 12 cm	very heavy floating ice en solid ice nearly 100 % covered	Много дебел плаващ твърд лед покриващ почти 100 %	Hielo flotante muy pesado y sólido que cubre casi el 100 %	velmi těžká 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	väga paks triivjää tahke jääna peaagu 100 % kattuvusega	Πολύ βαρέα τεμάχια συμπαγούς επιπλέοντος πάγου σε έκταση σχεδόν 100 %	glaces flottantes trés lourdes et banquise couvrant presque 100 %	Vrlo debele sante i tvrdi led sa skoro 100 % pokrivenosti	ghiaccio galleggiante molto spesso e solido con copertura quasi del 100 %	ļoti biezs peldošs ledus un ledus kārta klāj gandrīz 100 % ūdens virsmas	Labai storas plūduriuojantis ledas ir ištisinis ledas dengia beveik 100 % paviršiaus

Value	Thickness	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
U	> 40 cm	ice dam or drifting ice	Ледени прегради или струпвания	Barrera de hielo o hielo a la deriva	ledová bariéra nebo nahromadění ledu	Isdæmning eller isspærring	Eisdamm oder Eisstau	rüsijäävallid või rüsijää	Φράγμα πάγου ή παρασυρόμενος πάγος	barrage de glace ou débâcle	Ledena prepreka ili plutajući led	barriera di ghiaccio o ghiaccio alla deriva	ledus aizsprosts vai dreifējošs ledus	Ledo lyčių sangrūda arba dreifuojantis ledas
O	—	disappearing (pap)ice, no longer obstructing	Топящ се лед, няма препятствия	Hielo a punto de fundirse que ya no constituye un obstáculo	tenký měkký led, který již nepřekáží	Smelteis, ingen hindring længere	Pappeis, nicht länger behinderlich	kaduv jää, enam mitte takistav	Εξαφανιζόμενος πάγος που δεν προκαλεί πλέον εμπόδια	glaces fondantes, aucune gêne	Otapanje leda, nema preprека	ghiaccio in fase di scioglimento, nessuna ostruzione	izzūdošs ledus, vairs nekavē kuģošanu	Tirpstantis, laivybai kliūčių nesudarantis ledas
V	—	navigation interrupted	Корабоплаването е преустановено	Navegación interrumpida	zákaz plavby	Skibsfarten er indstillet	Fahrverbot	navigeerimine katkestatud	Διακοπή ναυσιπλοΐας	navigation interrompue	Zabrana plovidbe	navigazione interrotta	kuģošana pārtraukta	Laivyba nutraukta

ICE CONDITION CODE

Value	Thickness	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
A	—	jégmentes víz	ilma nadif	Open water	woda otwarta	Água livre	fără gheață	voľná voda	brez ledu	avovesi	Öppet vatten	чистая вода	Водни пут без леда
B	0 — 4 cm	vékony szórványos jégtáblák	ftit silġ mifrux f'wiċċ l-ilma	Licht verspreid drijfijs	rozproszona, cienka kra lodowa	Gelo flutuante ligeiro disperso	gheață subțire plutitoare dispersată	ľadová triešť	plavajoči led	ohutta rikkonaista ajojäätä	Lätt spridd drivis	малоразреженный плавучий лёд	Слабо формиран танки плутајући лед
C	0 — 4 cm	vékony jégtáblák	ftit silġ f'wiċċ l-ilma	Licht drijfijs	cienka kra lodowa	Gelo flutuante ligeiro	gheață subțire plutitoare	slabá ľadová triešť	tanek plavajoči led	ohutta ajojäätä	Lätt drivis	редкий плавучий лёд	Танак плутајући лед
D	0 — 4 cm	könnyû beállt jég	ftit silġ solidu	Licht vast ijs	cienka pokrywa lodowa	Gelo compacto ligeiro	gheață subțire	slabý ľad	tanek trdni led	ohutta kiintojäätä	Lätt fastis	малосплочённый лёд	Танак слој леда
E	4 — 8 cm	közepes szórványos jégtáblák 40 %-ig jégfedettségig	ammont medju ta' silġ mifrux f'wiċċ l-ilma sa kopertura ta' 40 %	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 %	keskiraskasta rikkonaista ajojäätä, enintään peittävyys 40 %	Medelstor spridd drivis, 40 % istäcke	плавучий лёд средней разреженности (до 40 %)	Средње формиран плутајући лед, покривеност до 40 %
F	4 — 8 cm	közepes szórványos jégtáblák 40 %-70 % közötti jégfedettséggel	ammont medju ta' silġ mifrux f'wiċċ l-ilma b'kopertura ta' bejn 40 % u 75 %	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 %	keskiraskasta rikkonaista ajojäätä, peittävyys 40–75 %	Medelstor spridd drivis, 40-75 % istäcke	плавучий лёд средней разреженности (40 % — 70 %)	Средње формиран плутајући лед, покривеност 40 do 75 %

Value	Thickness	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
G	4 — 8 cm	közepes jégtáblák több mint 75 %-ban kásajégként vagy jégmentes sávokban	ammont medju ta' silġ f'wiċċ l-ilma b'aktar minn 75 % minnu ħama jew ftuħ fis-silġ	Middelzwaar drijfijs met 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 %	keskiraskasta ajojäätä, peittävyys yli 40–75 % väylästä	Medelstor spridd drivis, över 75 % av farrännan istäckt	плавучий лёд средней разреженности (больше 75 % ледового канала покрыто ледяной кашей)	Средње формиран плутајући лед, покривеност већа од 75 %
H	4 — 8 cm	közepes beállt jég	silġ vast medju	Middelzwaar vast ijs	pokrywa lodowa średniej grubości	Gelo compacto médio	gheață mijlocie	stredne pevný ľad	srednje debel trdni led	keskiraskasta jäätä	Medeltjock fastis	лёд средней сплочённости	Средње велика санта леда
K	8 — 12 cm	vastag szórványos jégtáblák 40 %-os jégfedettségig	ħafna silġ mifrux f'wiċċ l-ilma sa kopertura ta' 40 %	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 %	raskasta rikkonaista ajojäätä, peittävyys enintään 40 %	Tjock, spridd drivis, upp till 40 % istäcke	тяжелый разреженный плавучий лёд (до 40 %)	Добро формиран плутајући лед, покривеност до 40 %
L	8 — 12 cm	vastag jégtáblák 40 %-70 % közötti jégfedettséggel	ħafna silġ mifrux f'wiċċ l-ilma b'kopertura ta' bejn 40 % u 75 %	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 %	raskasta rikkonaista ajojäätä, peittävyys 40–75 %	Tjock, spridd drivis, 40-75 % istäcke	тяжелый разреженный плавучий лёд (40 % — 75 %)	Добро формиран плутајући лед, покривеност 40 до 75 %
M	8 — 12 cm	vastag jégtáblák több mint 75 %-os, torlaszképződés veszély	ħafna silġ dens f'wiċċ l-ilma b'ċans ta' aktar minn75 % li jaghqad	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 îngheț	hustá ľadová triešť s viac ako 75 % možnosťou koagulácie	debel plavajoči led, pokritost večja od 75 %, možnost sesedanja	raskasta tiheää ajojäätä, peittävyys yli 75 %, hyytymisvaara	Tätt sammanpackad drivis, över 75 % risk för stampisvall	очень сплочённый лёд, более 75 %-ая вероятность образования заторов	Плутајући лед велике густине, са 75 % шансе за коагулацију
P	8 — 12 cm	vastag jégtáblák több mint 75 %-os fedettség, ma tört hajózócsatornával	ħafna silġ f'wiċċ l-ilma b'aktar minn 75 % minnu ħama jew ftuħ fis-silġ magħmul minn ħama attwalment imkissra	Zwaar drijfijs met meer dan 75 % in geul of slop, heden gebroken geul	gruba kra lodowa, pokrycie powyżej 75 % kanału, świeżo przełamany 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 rozbitá ryha	debel plavajoči led, pokritost večja od 75 %, trenutno razbit	raskasta ajojäätä, peittävyys yli 75 % väylästä, joka on äskettäin murrettu	Tjock drivis, över 75 % av farrännan täckt, rännan bruten i dag	тяжелый плавучий лёд, более 75 %, в настоящий момент судоходство затруднено из-за ледяной каши в ледовом канале	Тешки плутајући лед са више од 75 % леда у комаду или тренутно поломљених комада
R	8 — 12 cm	vastag beállt jég	silġ vast qawwi	Zwaar vast ijs	gruba pokrywa lodowa	Gelo compacto pesado	gheață groasă solidă	silne pevný ľad	debel trdni led	raskasta jäätä	Tjock fastis	очень сплочённый лёд	Тешка велика санта леда
S	> 12 cm	nagyon vastag úszó és parti jég közel 100 %-os jégfedettséggel	silġ qawwi ħafna f'wiċċ l-ilma u silġ solidu b'kopertura ta' kważi 100 %	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 trdni led, pokritost skoraj 100 %	erittäin raskasta ajojäätä ja kiintojäätä, peittävyys lähes 100 %	Mycket tjock drivis och fastis med nästan 100 % istäcke	очень тяжёлый плавучий и сплошной лёд (почти 100 %)	Веома тежак плутајући лед са чврстим ледом, покривеност скоро 100 %

Value	Thickness	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
U	> 40 cm	jégtorlasz vagy sodródó jég	diga tas-silġ jew silġ jinġarr mal-kurrent	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	jääpato tai ajojäätä	Stampisvall eller drivis	ледяной затор или скопление дрейфующего льда	Ледена преграда или лед у покрету
O	—	elolvadó (kásás) jég, akadályozás megszűnt	silġ (artab) li qed jinħall u li ma għadux jostakola	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	taljenje ledu, brez ovir	sulavaa jäätä, ei enää esteenä	Upplöst issörja, ingen blockering	разрушающийся лёд с протали-нами, беспрепятственное судоходство	Отапање леда, нема препрека
V	—	hajózási szünetel	navigazzjoni interrotta	Scheepvaart onderbroken	zakaz żeglugi	Navegação suspensa	navigație întreruptă	zákaz plavby	prepoved plovbe	alusliikenne keskeytetty	Sjöfart förbjuden	судоходство остановлено	Забрана пловидбе

ICE SITUATION CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
NOL	no limitation	Без ограничение	Sin limitación	bez omezení	Ingen begrænsninger	keine Behinderung	piirangut ei ole	Κανένας περιορισμός	pas de limitation	Nema ograničenja	nessuna limitazione	bez ierobežojumiem	Apribojimų nėra
LIM	limitation	Ограничение	Limitación	omezení	Begrænset	Behinderung	piirang	Περιορισμός	limitation	Ograničenje	limitazione	ierobežojums	Apribojimai
NON	no navigation allowed	Преустановено корабоплаване	Navegación prohibida	zákaz plavby	Sejlads ikke tilladt	gesperrt	navigatsioon keelatud	Δεν επιτρέπεται καμία ναυσιπλοΐα	navigation interdite	Plovidba nije dopuštena	nessuna navigazione consentita	kuģošana aizliegta	Laivyba draudžiama

ICE SITUATION CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
NOL	nincs korlátozás	ebda restrizzjoni	Geen beperking	brak ograniczeń	Sem restrições	fără restricții	bez obmedzenia	brez omejitve	ei rajoitusta	Ingen begränsning	без ограничений	Без ограничења
LIM	korlátozás	restrizzjoni	Beperking	ograniczenie	Restrições	cu restricții	obmedzenie	omejitev	rajoitus	Begränsad trafk	ограниченно	Ограничење
NON	hajózás nem megengedett	navigazzjoni projbita	Vaarverbod	zakaz żeglugi	Navegação proibida	navigația nu este permisă	zákaz plavby	plovba prepovedana	alusliikenne ei ole sallittua	Ingen sjöfart tillåten	навигация запрещена	Пловидба није дозвољена

WEATHER CLASS CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
CLR	clear	Ясно	Despejado	jasno	Klart	klar	selge	Αίθριος καιρός	clair	Vedro	sereno	skaidrs	giedra
CLDY	cloudy	Облачно	Nublado	oblačno	Skyet	bewölkt	pilvitus	Νεφώσεις	nuageux	Oblačno	nuvoloso	mākoņains	debesuota
OCST	overcast	Заоблачено	Cubierto	zataženo	Overskyet	bedeckt	lauspilvitus	Πλήρως νεφοσκεπής ουρανός	couvert	Jača naoblaka	coperto	apmācies	apsiniaukę
DZZL	drizzle	Ръмеж	Llovizna	mrholení	Støvregn	Nieselregen	uduvihm	Ψεκάδες βροχής	bruine	Rosa	pioviggine	smalks lietus	dulksna
RAIN	rain	Дъжд	Lluvia	déšť	Regn	Regen	vihm	Βροχή	pluie	Kiša	pioggia	lietus	lietus
LRAIN	light rain	Лек дъжд	Lluvia ligera	slabý déšť	Let regn	leichter Regen	kerge vihm	Ασθενής βροχή	légère pluie	Slaba kiša	pioggia debole	viegls lietus	silpnas lietus
ORAIN	occasional rain	Откъслечни превалявания	Lluvia ocasional	občasný déšť	Lejlighedsvis regn	gelegentlich Regen	hoovihm	Σποραδική βροχή	pluie intermittente	Povremena kiša	piogge occasionali	neregulārs lietus	nepastovus lietus
HRAIN	heavy rain	Силен дъжд	Lluvia intensa	silný déšť	Kraftig regn	schwerer Regen	paduvihm	Έντονη βροχόπτωση	forte pluie	Jaka kiša	forti piogge	spēcīgs lietus	smarkus lietus
SLEET	sleet	Лапавица	Aguanieve	déšť se sněhem	Tøsne	Graupel	lörts	Χιονόνερο	neige fondue	Susnježica	nevischio	slapjdraņķis	šlapdriba
SNOW	snow	Сняг	Nieve	sněžení	Sne	Schneefall	lumi	Χιόνι	neige	Snježne oborine	neve	sniegs	snygis
SNFALL	heavy snow fall	Силен снеговалеж	Nieve intensa	silné sněžení	Kraftigt snefald	schwerer Schneefall	tugev lumesadu	Έντονη χιονόπτωση	neige dense	Jake snježne oborine	pesanti nevicate	spēcīgs sniegs	stiprus snygis
HAIL	hail	Град	Granizo	krupobití	Hagl	Hagel	rahe	Χαλάζι	grêle	Tuča	grandine	krusa	kruša
SHWRS	showers	Превалявания	Chubasco	přeháňky	Byer	Schauer	sajuhood	Όμβρος	averses	Pljusak	rovesci	lietusgāzes	liūtys
THSTRM	thunderstorm	Гръмотевична буря	Tormenta eléctrica	bouřka	Tordenvejr	Gewitter	äike	Καταιγίδα	orage	Olujno nevrijeme	temporale	pērkona negaiss	perkūnija
HAZY	hazy	Замъглено	Bruma	zamlženo	Diset	diesig	somp	Υγρή αχλύς	brume	Maglovito	cielo velato	dūmaka	migla
FOG	fog	Мъгла	Niebla	mlha	Tåge	Nebel	udu	Ομίχλη	brouillard	Magla	nebbia	migla	rūkas

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
FOGPAT	fog patches	Мъгливи участъци	Zonas de niebla	lokální mlha	Pletvis tåge	Nebelbänke	udulaigud	Ομίχλη κατά τόπους	bancs de brouillard	Mjestimična magla	banchi di nebbia	miglas joslas	vietomis rūkas
GALE	gale	Силен вятър	Temporal	vichřice	Hård kuling	stürmischer Wind	raju	Θυελλώδης άνεμος	grand vent	Udari vjetra	burrasca	vētrains	audra
STRM	storm	Буря	Tormenta	bouře	Storm	Sturm	torm	Θύελλα	tempête	Oluja	tempesta	stipra vētra	štormas
HURRC	hurricane	Ураган	Huracán	hurikán	Orkan	Orkan	orkaan	Κυκλώνας	ouragan	Orkan	uragano	orkāns	uraganas
FZRA	freezing rain (black ice)	Сутрашица	Lluvia escarchada (hielo glaseado)	mrznoucí déšť	Isslag	gefrierender Regen	allajahtunud vihm (must jää)	Βροχή με παγοκρυστάλλους (υαλόπαγος)	pluie verglaçante	Ledena kiša	vetrone	atkala (melnais ledus)	lijundra (apšalas)

WEATHER CLASS CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
CLR	tiszta	ċar	Helder	bezchmurnie	Céu limpo	senin	bezoblačno (jasno)	jasno	selkeää	Klart	ясно	Ведро
CLDY	felhős	imsaħħab	Bewolkt	pochmurnie	Céu nublado	noros	oblačno	pretežno oblačno	enimmäkseen pilvistä	Molnigt	облачно	Облачно
OCST	borult	mgħajjeb bis-sħab	Betrokken	zachmurzenie	Céu encoberto	acoperit	zamračené	oblačno	pilvistä	Mulet	пасмурно	Наоблачење
DZZL	szitáló eső	irxiex	Motregen	mżawka	Chuvisco	burniță	mrholenie	pršenje	tihkusadetta	Duggregn	изморозь	Роса
RAIN	eső	xita	Regen	deszcz	Chuva	ploaie	dážď	dež	sadetta	Regn	дождь	Киша
LRAIN	gyenge eső	xita ħafifa	Lichte regen	lekki deszcz	Chuva fraca	ploaie ușoară	slabý dážď	rahel dež	heikkoa vesisadetta	Lätt regn	слабый дождь	Слаба киша
ORAIN	szórványos eső	kultant xita	Verspreide regen	sporadyczny deszcz	Chuvas ocasionais	ploaie ocazională	občasný dážď	občasen dež	ajoittaista vesisadetta	Tidvis regn	возможен дождь	Повремена киша
HRAIN	heves eső	xita qalila	Zware regenval	ulewa	Chuva forte	averse de ploaie	silný dážď	močan dež	voimakasta vesisadetta	Kraftigt regn	сильный дождь	Јака киша
SLEET	hódara	taħlita ta' xita u silġ	Natte sneeuw	deszcz ze śniegiem	Neve molhada	lapoviță	dážď so snehom	leden dež	räntäsadetta	Snöblandat regn	дождь со снегом	Суснежица

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
SNOW	hó	borra	Sneeuw	śnieg	Neve	ninsoare	sneh (sneženie)	sneg	lumisadetta	Snö	снег	Снег
SNFALL	erős hóesés	borra qalila	Zware sneeuwval	intensywny opad śniegu	Forte nevão	averse de ninsoare	silné sneženie	močno sneženje	runsasta lumisadetta	Kraftigt snöfall	сильный снегопад	Јаке снежне падавине
HAIL	jégeső	xita balal	Hagel	grad	Granizo	grindină	krupobitie	toča	rakeita	Hagel	град	Град
SHWRS	zápor	ħalbiet tax-xita	Buien	przelotny opad śniegu	Aguaceiros	averse	prehánky	plohe	sadekuuroja	Regnskurar	ливни	Пљусак
THSTRM	zivatar	maltempata birraghad	Onweer	burza (z piorunami)	Trovoada	vijelie	silná búrka	nevihta	raju ukonilma	Åskväder	гроза	Олујно невреме
HAZY	párás	imċajpar	Nevelig	mglisto	Bruma	negură	hmlisto	megličasto	auerta	Disigt	дымка	Магловито
FOG	köd	ċpar	Mist	mgła	Nevoeiro	ceaţă	hmla	megla	sumua	Dimma	туман	Магла
FOGPAT	ködfoltok	irqajja' mċajprin	Mistbanken	lokalne zamglenie	Banco de nevoeiro	ceaţă în valuri	občasná hmla	zaplate megle	paikoitellen sumua	Dimbankar	туман местами	Местимична магла
GALE	viharos szél	burraxka	Harde wind	wichura	Vento muito forte	vânt puternic	víchrica	viharni veter	kovaa tuulta	Hård vind	штормовой ветер	Јак ветар
STRM	vihar	maltempata	Storm	burza	Tempestade	furtună	búrka	močan vihar	myrskyä	Storm	шторм	Олуја
HURRC	orkán	uragan	Orkaan	huragan	Furacão	tornadă	hurikán	orkan	hirmumyrskyä	Orkan	ураган	Оркан
FZRA	fagyos eső	xita ffriżata (“black ice”)	IJsregen (zwart ijs)	marznący deszcz	Chuva gelada (geada transparente)	polei	mrznúci dážď	žled (poledica)	jäätävää sadetta (mustaa jäätä)	Underkylt regn	гололед	Ледена киша

WEATHER ITEM CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
WI	wind	Вятър	Viento	vítr	Vind	Wind	tuul	Άνεμος	vent	Vjetar	vento	vējš	vėjas
WA	waves	Вълнение	Oleaje	vlny	Bølger	Wellen	lained	Κύματα	remous	Valovi	moto ondoso	viļņi	bangos
FG	visibility	Видимост	Visibilidad	dohlednost	Sigtbarhed	Sicht	nähtavus	Ορατότητα	visibilité	Vidljivost	visibilità	redzamība	matomumas
RN	rain	Дъжд	Lluvia	déšť	Regn	Regen	vihm	Βροχή	pluie	Kiša	pioggia	lietus	lietus
SN	snow	Сняг	Nieve	sníh (sněžení)	Sne	Schnee	lumi	Χιόνι	neige	Snijeg	neve	sniegs	snygis
AT	air temperature	Температура на въздуха	Temperatura del aire	teplota vzduchu	Lufttemperatur	Lufttemperatur	õhutemperatuur	Θερμοκρασία αέρα	température de l'air	Temperatura zraka	temperatura dell'aria	gaisa temperatūra	oro temperatūra
WT	water temperature	Температура на водата	Temperatura del agua	teplota vody	Vandtemperatur	Wassertemperatur	veetemperatuur	Θερμοκρασία νερού	température de l'eau	Temperatura vode	temperatura dell'acqua	ūdens temperatūra	vandens temperatūra

WEATHER ITEM CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
WI	szél	rih	Wind	wiatr	Vento	vânt	vietor	veter	tuuli	Vind	ветер	Ветар
WA	hullámok	mewġ	Golven	fale	Ondas	valuri	vlny	valovi	aallokko	Vågor	высота волн	Таласи
FG	látótávolság	viżibbiltà	Zicht	mgła	Visibilidade	vizibilitate	viditeľnosť	vidljivost	näkyvyys	Sikt	видимость	видљивост
RN	eső	xita	Regen	deszcz	Chuva	ploaie	dážď	dež	sade	Regn	дождь	Киша
SN	hó	borra	Sneeuw	śnieg	Neve	zăpadă	sneženie	sneg	lumi	Snö	снег	Снег
AT	léghőmérséklet	temperatura tal-arja	Luchttemperatuur	temperatura powietrza	Temperatura do ar	temperatura aerului	teplota vzduchu	temperatura zraka	ilman lämpötila	Lufttemperatur	температура воздуха	Температура ваздуха
WT	vízhőmérséklet	temperatura tal-ilma	Watertemperatuur	temperatura wody	Temperatura da água	temperatura apei	teplota vody	temperatura vode	veden lämpötila	Vattentemperatur	температура воды	Температура воде

WEATHER CATEGORY CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
0	calm	безветрие	Calma	bezvětří	Roligt	Windstille	tuulevaikus	Νηνεμία	calme	Mirno	calma	bezvējš	štilis
1	light air	тих вятър	Ventolina	vánek	Let vind	leichter Zug	vaikne tuul	Ασθενής άνεμος	courant d'air	Lahor	bava di vento	vēja vēsma	tylus vėjelis
2	light breeze	лек ветрец	Brisa muy débil	slabý vítr	Let brise	leichte Briese	kerge tuul	Ελαφρά αύρα	brise légère	Povjetarac	brezza leggera	viegls vējš	lengvas vėjas
3	gentle breeze	лек вятър	Brisa débil	mírný vítr	Blid brise	schwache Briese	nõrk tuul	Ασθενής αύρα	brise douce	Slab vjetar	brezza	lēns vējš	silpnas vėjas
4	moderate breeze	умерен вятър	Brisa moderada	dosti čerstvý vítr	Moderat brise	mäßige Briese	mõõdukas tuul	Μέτρια αύρα	brise modérée	Umjeren vjetar	brezza vivace	mērens vējš	vidutinis vėjas
5	fresh breeze	разхлаждащ вятър	Brisa fresca	čerstvý vítr	Frisk brise	frische Briese	kaunis tugev tuul	Δροσερή αύρα	brise fraîche	Umjereno jak vjetar	brezza tesa	mēreni stiprs vējš	gaivus vėjas
6	strong breeze	силен вятър	Brisa fuerte	silný vítr	Kraftig brise	starker Wind	tugev tuul	Ισχυρή αύρα	vent fort	Jak vjetar	vento fresco	stiprs vējš	stiprus vėjas
7	near gale	доста силен вятър	Viento fuerte	mírný vichr (prudký vítr)	Tæt på hård kuling	steifer Wind	vali tuul	Σχεδόν θυελλώδης άνεμος	tempête modérée	Snažan vjetar	vento forte	ļoti stiprs vējš	beveik audra
8	gale	много силен вятър	Temporal	bouřlivý vítr	Hård kuling	stürmischer Wind	väga vali tuul	Θυελλώδης άνεμος	tempête fraîche	Olujni vjetar	burrasca moderata	vētrains	audra
9	strong gale	силен вихър	Gran temporal	vichřice	Hård kuling	Sturm	rajutuul	Ισχυρός θυελλώδης άνεμος	tempête forte	Jak olujni vjetar	burrasca forte	vētra	stipri audra
10	storm	много силен вихър	Tormenta	silná vichřice	Storm	schwerer Sturm	torm	Θύελλα	tempête	Orkanski vjetar	tempesta	stipra vētra	štormas
11	violent storm	стихийна буря	Borrasca	mohutná vichřice	Meget kraftig storm	orkanartiger Sturm	tugev torm	Σφοδρή θύελλα	orage	Jak orkanski vjetar	fortunale	ļoti stipra vētra	stiprus štormas
12	hurricane	ураган	Huracán	orkán	Orkan	Orkan	orkaan	Κυκλώνας	ouragan	Orkan	uragano	orkāns	uraganas
13	thick fog	много гъста мъгла	Niebla espesa	velmi hustá mlha	Tyk tåge	dichter Nebel	tihe udu	Πυκνή ομίχλη	brouillard épais	Izrazito gusta magla	nebbia fitta	spēcīga migla	tirštas rūkas
14	dense fog	гъста мъгла	Niebla densa	hustá mlha	Tæt tåge	dichter Nebel	väga tihe udu	Πυκνή ομίχλη	brouillard dense	Gusta magla	nebbia densa	bieza migla	stiprus rūkas

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
15	moderate fog	умерена мъгла	Niebla moderada	mírná mlha	Moderat tåge	mäßiger Nebel	mõõdukas udu	Μέτρια ομίχλη	brouillard modéré	Umjerena magla	nebbia moderata	mērena migla	vidutinis rūkas
16	fog	слаба мъгла	Niebla	mlha	Tåge	Nebel	udu	Ομίχλη	brouillard	Magla	nebbia	migla	rūkas
17	mist	мъгла от изпарение	Neblina	kouřmo	Dis	Nebel	hägu	Υγρά αχλύς	brouillard léger	Sumaglica	nebbia leggera	viegla migla	migla
18	haze	замъглено	Bruma	zákal	Tågedis	Dunst	somp	Ξηρά αχλύς	brume	Izmaglica	foschia	dūmaka	rūkana
19	light haze	леко замъглено	Bruma ligera	slabý zákal	Let tågedis	leichter Dunst	kerge somp	Ελαφρά ξηρά αχλύς	brume légère	Blaga izmaglica	foschia leggera	viegla dūmaka	lengva rūkana
20	clear	чисто	Despejado	průzračný vzduch	Klart	klar	selge	Αίθριος καιρός	clair	Vedro	sereno	skaidrs	giedra
21	very clear	много чисто	Muy despejado	velmi průzračný vzduch	Meget klart	sehr klar	väga selge	Πολύ αίθριος καιρός	très clair	Vrlo vedro	molto sereno	ļoti skaidrs	labai giedra
22	no fog	липса на мъгла	Sin niebla	bez mlhy	Ingen tåge	kein Nebel	udutu	Απουσία ομίχλης	pas de brouillard	Bez magle	assenza di nebbia	nav miglas	rūko nėra

WEATHER CATEGORY CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
0	szélcsend	kalm	Stil	cisza	Calmo	calm	bezvetrie	brezvetrje	tyyntä	Lugnt	штиль (безветрие)	тихо
1	gyenge szellő, fuvallat	arja ħafifa	Flauw en stil	powiew	Aragem	vânt perceptibil	vánok	sapica	pientä tuulenvirettä	Svag vind	тихий ветер	лахор
2	enyhe szél	żiffa ħafifa	Flauwe koelte	słaby wiatr	Brisa ligeira	briză uşoară	slabý vietor	vetrič	heikkoa tuulta	Svag vind	легкий ветер	поветарац
3	gyenge szél	żiffa ħelwa	Lichte koelte	łagodny wiatr	Pequena brisa	briză slabă	mierny vietor	šibek veter	kohtalaista tuulta	Måttlig vind	слабый ветер	слаб ветар
4	mérsékelt szél	żiffa moderata	Matige koelte	umiarkowany wiatr	Brisa moderada	briză moderată	dosť čerstvý vietor	zmeren veter	navakkaa tuulta	Måttlig vind	умеренный ветер	умерен ветар
5	élénk szél	żiffa friska	Frisse bries	dość silny wiatr	Brisa fresca	briză semnificativă	čerstvý vietor	zmerno močan veter	kovaa tuulta	Frisk vind	свежий ветер	умерено јак ветар

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
6	erős szél	żiffa qawwija	Stijve bries	silny wiatr	Vento fresco	briză puternică	silný vietor	močan veter	myrskyä	Frisk vind	сильный ветер	јак ветар
7	viharos szél	kważi burraxka	Harde wind	bardzo silny wiatr	Vento forte	vânt puternic	prudký vietor	zelo močan veter	navakkaa tuulta (*near gale*)	Hård vind	крепкий ветер	бура
8	élénk viharos szél, vihar	burraxka	Stormachtig	sztorm/ wicher	Vento muito forte	vânt foarte puternic	búrlivý vietor	viharni veter	kovaa tuulta (*gale*)	Hård vind	очень крепкий ветер	средња бура
9	heves vihar	burraxka qalila	Storm	silny sztorm	Vento tempestuoso	furtună	víchrica	vihar	erittäin kovaa tuulta (*strong gale*)	Mycket hård vind	шторм	јака бура
10	dühöngő vihar, szélvész	maltempata	Zware storm	bardzo silny sztorm	Tempestade	furtună puternică	silná víchrica	močan vihar	myrskyä (*storm*)	Storm	сильный шторм	жестока бура
11	heves szélvész	maltempata qalila	Zeer zware storm	gwałtowny sztorm	Tempestade violenta	furtună violentă	mohutná víchrica	orkanski veter	ankaraa myrskyä (*violent storm*)	Svår storm	жестокий шторм	жестока олуја
12	orkán	uragan	Orkaan	huragan	Furacão	uragan	orkán	orkan	hirmumyrskyä (*hurricane*)	Orkan	ураган	ураган
13	sürű köd	ċpar ohxon	Zeer dichte mist	gęsta mgła	Nevoeiro cerrado	ceaţă groasă	veľmi silná hmla	zelo gosta megla	hyvin sakeaa sumua	Tjocka	сильный туман	веома густа магла
14	tartós köd, 6 órát meghaladja	ċpar dens	Dichte mist	bardzo gęsta mgła	Nevoeiro denso	ceaţă densă	silná hmla	gosta megla	sakeaa sumua	Tät dimma	плотный (густой) туман	густа магла
15	enyhe köd	ċpar moderat	Matige mist	lekka mgła	Nevoeiro moderado	ceaţă moderată	mierna hmla	zmerna megla	kohtalaista sumua	Måttlig dimma	умеренный туман	умерена магла
16	köd	ċpar	Mist (zichtbaarheid < 1000 m)	mgła	Nevoeiro	ceaţă	hmla	megla	heikkoa sumua	Dimma	туман	магла
17	párásság	raxx	Mist (zichtbaarheid > 1000 m)	mgiełka	Neblina	pâclă	dymno	meglica	utua	Lätt dimma	дымка	измаглица
18	homály	imċajpar	Nevel	przymglenie	Bruma	negură	zákal	suha motnost	auerta	Dis	мгла	сумаглица
19	száraz légköri homály	ftit imċajpar	Lichte nevel	lekkie przymglenie	Bruma ligeira	ceaţă subţire	slabý zákal	rahla suha motnost	kevyttä auerta	Lätt dis	легкая мгла	блага сумаглица
20	tiszta	ċar	Helder	przejrzyście	Limpo	senin	jasno	jasno	selkeää	Klart	ясно	ведро
21	teljes látás	ċar ħafna	Zeer helder	bardzo przejrzyście	Muito limpo	foarte senin	veľmi jasno	zelo jasno	hyvin selkeää	Helt klart	очень ясно	веома ведро
22	ködmentes	ebda ċpar	Geen mist	brak mgły	Sem nevoeiro	fără ceaţă	bez hmly	brez megle	ei sumua	Ingen dimma	нет тумана	без магле

WEATHER DIRECTION CODE

Value	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
N	north	Северно	Norte	severně	Nord	Nord	põhi	Βόρεια	Nord	Sjeverno	nord	Uz ziemeļiem	šiaurė
NE	north-east	Североизточно	Noreste	severo-východně	Nordøst	Nord-Ost	kirre	Βορειοανατολικά	Nord-est	Sjeveroistočno	nord-est	Uz ziemeļaustrumiem	šiaurės rytai
E	east	Източно	Este	východně	Øst	Ost	ida	Ανατολικά	Est	Istočno	est	Uz austrumiem	rytai
SE	south-east	Югоизточно	Sureste	jiho-východně	Sydøst	Süd-Ost	kagu	Νοτιοανατολικά	Sud-est	Jugoistočno	sud-est	Uz dienvidaustrumiem	pietryčiai
S	south	Южно	Sur	jižně	Syd	Süd	lõuna	Νότια	Sud	Južno	sud	Uz dienvidiem	pietūs
SW	south-west	Югозападно	Suroeste	jiho-západně	Sydvest	Süd-West	edel	Νοτιοδυτικά	Sud-ouest	Jugozapadno	sud-ovest	Uz dienvidrietumiem	pietvakariai
W	west	Западно	Oeste	západně	Vest	West	lääs	Δυτικά	Ouest	Zapadno	ovest	Uz rietumiem	vakarai
NW	north-west	Северозападно	Noroeste	severo-západně	Nordvest	Nord-West	loe	Βορειοδυτικά	Nord-ouest	Sjeverozapadno	nord-ovest	UZ ziemeļrietumiem	šiaurės vakarai
WRB	variable	Променлив	Variable	proměnlivě	Variabel	veränderlich	muutlik	Μεταβλητός	variable	Promjenjivo	variabile	Mainīgi	nepastovi

WEATHER DIRECTION CODE

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
N	észak	it-Tramuntana	Noord	północ	Norte	nord	severne	severni	Pohjoinen	Nord	северный	Север
NE	észak-kelet	il-Grigal	Noordoost	północny wschód	Nordeste	nord-est	severo-východne	severovzhodni	Koillinen	Nordost	северо-восточный	Североисток
E	kelet	il-Lvant	Oost	wschód	Leste	est	východne	vzhodni	Itä	Öst	восточный	Исток
SE	dél-kelet	ix-Xlokk	Zuidoost	południowy wschód	Sudeste	sud-est	juho-východne	jugovzhodni	Kaakko	Sydost	юго-восточный	Југоисток
S	dél	in-Nofsinhar	Zuid	południe	Sul	sud	južne	južni	Etelä	Syd	южный	Југ
SW	dél-nyugat	il-Lbiċ	Zuidwest	południowy zachód	Sudoeste	sud-vest	juho-západne	jugozahodni	Lounas	Sydväst	юго-западный	Југозапад

Value	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
W	nyugat	il-Punent	West	zachód	Oeste	vest	západne	zahodni	Länsi	Väst	западный	Запад
NW	észak-nyugat	il-Majjistral	Noordwest	północny zachód	Noroeste	nord-vest	severo-západne	severozahodni	Luode	Nordväst	северо-западный	Северозапад
WRB	változó	varjabbli	Veranderlijk	zmienny	Variável	variabil	premenlivo	spremenljiv	vaihtelee	Växlande	Переменный	променљив

GUI LABELS

XML Tag	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
area	area	Район	Área	Oblast	Område	Gebiet	piirkond	Ζώνη	zone	Područje	area	Apgabals	sritis
button_back	Back	Назад	Retroceder	Zpět	Tilbage	Zurück	Tagasi	Επιστροφή	Retour	Natrag	indietro	Atpakaļ	Atgal
button_cancel	Cancel	Отказ	Cancelar	Zrušit	Annullér	Abbrechen	Katkesta	Ακύρωση	Annuler	Odustani	annulla	Atcelt	Atšaukti
button_new_search	New search	Ново търсене	Nueva búsqueda	Nové hledání	Ny søgning	Neue Suche	Uus otsing	Νέα έρευνα	nouvelle recherche	Nova pretraga	nuova ricerca	Jauns meklēšanas vaicājums	Nauja paieška
button_register	Register	Регистриране	Registrarse	Registrovat	Registrér	Registrieren	Registreeri	Εγγραφή	S'enregistrer	Registracija	registrare	Reģistrēt	Registruotis
button_save	Save	Запазване	Guardar	Uložit	Gem	Speichern	Salvesta	Αποθήκευση	Sauvegarder	Spremi	salvare	Saglabāt	Išsaugoti
button_search	Search	Търсене	Buscar	Hledat	Søg	Suchen	Otsi	Αναζήτηση	Rechercher	Traži	ricerca	Meklēt	Paieška
button_view	View	Преглед	Visualizar	Zobrazit	Vis	Anzeigen	Vaata	Προβολή	Voir	Pregled	visualizzare	Skatīt	Rodyti
email_address	E-mail address	Адрес на ел. поща	Correo electrónico	E-mailová adresa	E-mailadresse	E-Mail Adresse	E-posti aadress	Διεύθυνση ηλεκτρονικού ταχυδρομείου	Adresse email	Adresa e-pošte	indirizzo e-mail	E-pasta adrese	E. pašto adresas
email_service	e-mail service	E-mail услуга	Servicio de correo electrónico	E-mailová služba	E-mailtjeneste	E-Mail Service	E-posti teenus	Υπηρεσία ηλεκτρονικού ταχυδρομείου	Service email	Usluga elektronske pošte	servizio e-mail	E-pasta pakalpojums	e. pašto paslauga
email_service_register	Registration e-mail service	Регистриране за E-mail услуга	Registrarse servicio de correo electrónico	Registrace e-mailové služby	Registrering af E-mailtjeneste	Registrierung E-Mail-Service	Registreerimise e-posti teenus	Εγγραφή σε υπηρεσία ηλεκτρονικού ταχυδρομείου	Enregistrement service email	Registracija usluge elektronske pošte	registrare servizio e-mail	Reģistrācijas e-pasta pakalpojums	Registracijos e. pašto paslauga
error_validation	Validation error:	Грешка при валидиране	Error de validación:	Chyba ověření:	Validation error:	Fehler bei der Validierung:	Valideerimise viga:	Σφάλμα επικύρωσης	Erreur de validation:	Pogreška pri provjeri valjanosti:	errore di convalida:	Validācijas kļūda:	Atlikus patikrą aptikta klaida:
format_code	Code	Кодов формат	Código	Kód	Kode	Code	Kood	Κωδικός	Code	Kod	codice	Kods	Kodas
format_pdf	PDF	PDF	PDF	PDF	PDF	PDF	PDF	PDF	PDF	PDF	PDF	PDF	PDF
format_select	Select format	Избиране на формат	Seleccionar formato	Vyberte formát	Vælg format	Format wählen	Vali vorming	Επιλογή μορφοτύπου	Sélectionner le format	Odaberite format	seleziona formato	Atlasīt formātu	Pasirinkti formatą

XML Tag	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
format_text	Full text	Пълен текст	Texto íntegro	Textová zpráva	Fuld tekst	Volltext	Terviktekst	Πλήρες κείμενο	Message intégral	Puni tekst	full-text	Pilns teksts	Visas tekstas
format_xml	XML	XML	XML	XML	XML	XML	XML	XML	XML	XML	XML	XML	XML
gauge	gauge	Водомерна станция	Gálibo	Vodočet	Profil	Pegel	Mõõtur	Αισθητήρας	capteur	Vodomjerna postaja	misuratore	Mērinstruments	Vandens lygio matavimo punktas
ID	ID	Идентификация	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
km_from	River km from	Речен км. от	Km de río desde	Říční km od	Flod km fra	Stromkilometer von	Jõe km alates	Χιλιόμετρα από	Kilomètres depuis	Riječni km od	km di fiume da	Upes km no	Upės km nuo
km_to	River km to	Речен км. до	Km de río hasta	Říční km do	Flod km til	Stromkilometer bis	Jõe km kuni	Χιλιόμετρα έως	Kilomètres jusqu'a	Riječni km do	km di fiume fino a	Upes km līdz	Upės km iki
language	Language	Език	Lengua	Jazyk	Sprog	Sprache	Keel	Γλώσσα	Langue	Jezik	lingua	Valoda	Kalba
language_select	English	Български	Inglés	Česky	Engelsk	Deutsch	Eesti	Ελληνική	Français	Hrvatski	italiano	Angļu	Anglų
message_search	Search notices	Търсене на съобщения	Buscar avisos	Vyhledat zprávy	Søgemeddelelser	Nachrichtenabfrage	Otsi teadetest	Αναζήτηση ανακοίνωσης	Chercher avis	Pretraži obavijesti	ricerca avvisi	Meklēt paziņojumus	Pranešimų paieška
message_type	Message type	Тип на съобщението	Tipo de mensaje	Typ zprávy	Meddelelsestype	Nachrichtentyp	Teate liik	Τύπος μηνύματος	Type de message	Vrsta poruke	tipo di messaggio	Ziņojuma veids	Pranešimo tipas
nts	Notices to skippers	Известие до корабните водачи	Avisos a los navegantes	Zprávy vůdcům plavidel	Efterretninger for skippere	Nachrichten für die Binnenschifffahrt	Kipritele edastatavad teated	Ανακοινώσεις προς πλοιάρχους	Avis à la batellerie	Priopćenja brodarstvu	avvisi ai naviganti	Paziņojumi kapteiņiem	Pranešimai kapitonams
password	Password	Парола	Contraseña	Heslo	Adgangskode	Passwort	Salasõna	Κωδικός πρόσβασης	Mot de passe	Lozinka	password	Parole	Slaptažodis
password_repeat	Repeat password	Повторете паролата	Repetir contraseña	Zopakovat heslo	Gentag adgangskode	Passwort wiederholen	Korda salasõna	Επανάληψη κωδικού πρόσβασης	Répéter mot de passe.	Potvrda lozinke	ripeti password	Parole vēlreiz	Pakartokite slaptažodį
title	Title	Заглавие	Título	Název	Titel	Titel	Tiitel	Τίτλος	Titre	Naslov	titolo	Nosaukums	Pavadinimas
user_account_management	Manage user account	Управление на акаунта	Gestionar cuenta de usuario	Spravovat uživatelský účet	Forvaltning af brugerkonto	Benutzerkonto verwalten	Kasutajakonto haldamine	Διαχείριση λογαριασμού χρήστη	Gérer votre compte	Upravljanje korisničkim računom	gestisci account utente	Pārvaldīt lietotāja kontu	Tvarkyti vartotojo paskyrą

XML Tag	EN	BG	ES	CS	DA	DE	ET	EL	FR	HR	IT	LV	LT
valid_from	Valid from	Валиден от	Válido desde	Platné od	Gyldig fra	Gültig von	Kehtiv alates	Ισχύει από	Valide à partir de	Važeće od	valido da	Derīgs no	Galioja nuo
valid_till	Valid till	Валиден до	Válido hasta	Platné do	Gyldig til	Gültig bis	Kehtiv kuni	Ισχύει έως	Valide jusqu'à	Važeće do	valido fino a	Derīgs līdz	Galioja iki
waterway	Waterway	Воден път	Vía navegable	Vodní cesta	Vandvej	Wasserstraße	Veetee	Πλωτή οδός	Voie d'eau	Vodni put	via navigabile	Ūdensceļš	Vandens kelias
Waterway_ section	Waterway section	Участък от водния път	Tramo de vía navegable	Úsek vodní cesty	Vandvejs-strækning	Wasser-straßenabschnitt	Veetee osa	Τμήμα πλωτής οδού	Section de voie d'eau	Dionica vodnog puta	sezione di via navigabile	Ūdenceļa posms	Vandens kelio ruožas

GUI LABELS

XML Tag	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
area	terület	żona	Gebied	obszar	Superfície	zonă	Oblasť	območje	alue	Område	Область	Област
button_back	Vissza	Lura	Terug	Cofnij	Recuar	Înapoi	Späť	nazaj	takaisin	Tillbaka	Назад	Назад
button_cancel	Mégsem	Ikkanċella	Annuleren	Anuluj	Cancelar	Anulează	Zrušiť	prekliči	peruuta	Avbryt	Отменить	Откажи
button_new_ search	Új keresés	Tfittxija ġdida	Nieuwe zoekopdracht	Nowe wyszukiwanie	Nova pesquisa	Căutare nouă	Nové hľadanie	novo iskanje	uusi haku	Ny sökning	Новый поиск	Нова претрага
button_register	Regisztráció	Irreġistra	Registreren	Zarejestruj	Registar	Înregistrare	Registrovať	registracija	Rekisteröidy	Registrera	Регистрация	Регистрација
button_save	Mentés	Issejvja	Opslaan	Zapisz	Guardar	Salvează	Uložiť	shrani	Tallenna	Spara	Сохранить	Снимити
button_search	Keresés	Fittex	Zoeken	Szukaj	Pesquisar	Căutare	Vyhľadať	iskanje	Hae	Sök	Поиск	Претрара
button_view	Megtekint	Ara	Bekijken	Pokaż	Visualizar	Vizualizare	Zobraziť	pogled	Katso	Visa	Просмотр	Преглед
email_address	Email cím	Indirizz tal-posta elettronika	E-mailadres	Adres e-mail	Endereço eletrónico	Adresa de e-mail	E-mailová adresa	e-poštni naslov	sähköpostiosoite	e-postadress	Адрес электронной почты	Електронска адреса
email_service	Email szolgáltatás	servizz tal-posta elettronika	E-maildienst	Usługa e-mail	Correio eletrónico	Serviciu e-mail	E-mailová služba	e-poštna storitev	sähköpostipalvelu	e-posttjänst	услуга электронной почты	Услуга електронске поште
email_service_ register	Regisztráció az email-küldő szolgáltatásra	Reġistrazzjoni tas-servizz tal-posta elettronika	Registreren e-maildienst	Rejstracja do usługi e-mail	Registo correio eletrónico	Înregistrare pentru serviciu e-mail	Registrácia pre e-mailovú službu	storitev za registracijo e-poštnega naslova	Rekisteröidy sähköpostipalveluun	Registrering, e-posttjänst	Регистрация услуг электронной почты	Регистрација сервиса електронске поште
error_validation	Érvényesítési hiba	Żball fil-validazzjoni:	Validatiefout	Błąd walidacji	Erro de validação:	Eroare de validare:	Chyba validácie:	napaka pri potrjevanju	Validointivirhe:	Valideringsfel:	Ошибка валидации:	Грешка у провери:

XML Tag	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
format_code	Kód	Kodiċi	Code	Kod	Código	Cod	Kód	koda	Koodi	Kod	Код	Код
format_pdf	PDF	PDF	PDF	PDF	PDF	PDF	PDF	PDF	PDF	PDF	PDF	PDF
format_select	Válasszon formátumot	Agħżel il-format	Formaat kiezen	Wybierz format	Selecionar formato	Selectaţi formatul	Vyberte formát	izberi format	Valitse formaatti	Välj format	Выберите формат	Изабери формат
format_text	Teljes szöveg	Test sħiħ	Volle tekst	Pełny tekst	Texto integral	Mesaj text integral	Textová správa	celotno besedilo	Kokoteksti	Fulltext	Полный текст сообщения	Цео текст
format_xml	XML	XML	XML	XML	XML	XML	XML	XML	XML	XML	XML	XML
gauge	mérce	kejl	Gauge	Wodowskaz	Gabarito	miră	Vodomerná stanica	merilnik	Vedenkorkeusmittari	Vattenståndsmätare	Водомерный пост	Водомерна станица
ID	Azonosító	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
km_from	Folyó-km-tól	Km tax-xmara minn	Rivier-km vanaf	km rzeki od	Km do rio a partir de	De la kilometrul	Riečny km od	rečni km od	Jokikilometrejä lähtöpaikasta	Från flodkilometer	От км	Речни километар од
km_to	Folyó km-ig	Km tax-xmara sa	Rivier-km tot	km rzeki od	Km do rio até	Până la kilometrul	Riečny km do	rečni km do	Jokikilometrejä kohteeseen	Till flodkilometer	До км	Речни километар до
language	Nyelv	Lingwa	Taal	Język	Língua	Limba	Jazyk	jezik	Kieli	Språk	язык	Језик
language_select	Magyar	Ingliż	Nederlands	polski	Inglês	Română	Slovensky	slovenščina	suomi	Svenska	Русский	српски
message_search	Hírlevelek keresése	Fittex avviżi	Berichten zoeken	Szukaj komunikatu	Pesquisar avisos	Caută avize	Vyhľadať správy	išči obvestila	Viestihaku	Sök meddelanden	Поиск извещения	Претрага Саопштења
message_type	Üzenettípus	Tip ta' messaġġ	Berichttype	Typ wiadomości	Tipo de mensagem	Tip de mesaj	Typ správy	vrsta sporočila	Viestin laji	Typ av meddelande	Тип сообщения	Тип поруке
nts	Hajósoknak szóló információk	Avviżi lill-Kaptani	Berichten aan de scheepvaart	Komunikaty dla kapitanów	Avisos à navegação	Aviz către navigatori	Správy pre veliteľov lodí	obvestila kapitanom	Ilmoitukset kapteenille	Meddelanden till befälhavare	Извещения судоводителям	Саопштење бродарству
password	Jelszó	Password	Wachtwoord	Hasło	Senha	Parola	Heslo	geslo	Salasana	Lösenord	Пароль	Лозинка
password_repeat	Jelszó újra	Irripeti l-password	Wachtwoord herhalen	Powtórz hasło	Repetir senha	Reintroduceţi parola	Zopakovať heslo	ponovno vpiši geslo	Toista salasana	Upprepa lösenord	Пожалуйста, повторите пароль.	Поновите лозинку

XML Tag	HU	MT	NL	PL	PT	RO	SK	SL	FI	SV	RU	SR
title	Cím	Titlu	Titel	Tytuł	Título	Titlu	Názov	naslov	Nimi	Titel	Название	Назив
user_account_management	Felhasználói számla kezelése	Immaniġġja l-kont tal-utent	Gebruikersaccount beheren	Zrządzaj kontem użytkownika	Gerir conta utilizador	Setează cont	Spravovať účet	upravljanje uporabniškega računa	Hallinnoi käyttäjätiliä	Hantera användarkonto	Управление аккаунтом	Управљање корисничким налогом
valid_from	Érvényesség kezdete	Validu minn	Geldig vanaf	Ważne od	Válido de	Valabil din	Platné od	veljavno od	Voimassa … alkaen	Giltigt från och med	Действует с	Важи од
valid_till	Érvényesség lejárata	Validu sa	Geldig tot	Ważne do	Válido até	Valabil până la	Platné do	veljavno do	Voimassa … asti	Giltigt till och med	действительна до	Важи до
waterway	Víziút	Passaġġ fuq l-ilma	Waterweg	Droga wodna	Via navegável	Numele căii navigabile	Vodná cesta	vodna pot	Vesiväylä	Vattenväg	Водный путь	Водни пут
Waterway_section	Víziút szakasz	Sezzjoni ta' passaġġ fuq l-ilma	Waterwegsectie	Odcinek drogi wodnej	Troço via navegável	Secțiunea căii navigabile	Úsek vodnej cesty	odsek vodne poti	Vesiväylän osa	Avsnitt av vattenväg	Участок водного пути	Део водног пута