

**Notices to Skippers Encoding Guide for editors - FTM encoding examples for common situations**

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**Document history**

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# General Information

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 including specific examples as well as explanation of codes.

To support the NtS editors and to achieve uniform encoding of similar events and limitations all over Europe “FTM encoding examples for common situations” have been defined and specified in this document. Competent authorities shall ensure that events described in this document shall be published using the structure and codes as defined in this document.

# FTM encoding examples for common situations

**Situation 1**

Description of the situation:

The General Directorate of the German Waterway and Shipping Administration (GDWS) is implementing an updated regulation for the river Rhine (Rhein) concerning new definitions of navigational water levels (HSW). The new values are valid from 01.01.2016. The new regulations can be downloaded on the internet from the address www.example.com. The filename is hsw\_definitions.pdf.

* Subject: Infoservice
* Validity period of the notice: 01.01.2016 – 01.02.2016 (Recommendation: start date plus one month (this date is interpreted as the display period instead of validity period because the regulations are long lasting but the according information message should not be displayed eternally))
* Source: GDWS
* Communication section:
  + Reporting regime: Information
  + Communication means: Internet
  + Number: [www.example.com](http://www.example.com)
  + Label: hsw\_definitions.pdf
  + Remark: Diese Datei enthält die neuen HSW-Werte (This file contains  
     the new highest navigational water levels)
* Fairway section:
  + Type of geo object: River
  + Local name: Rhein (Gesamtstrecke)
  + Name of the fairway: Rhein
  + Begin and end o.t. sect: 170.0 – 865.5
* Contents: Es gelten neue höchste Schifffahrtswasserstand-Werte  
   (HSW).  
   (new highest navigational water levels are implemented)

**Situation 2**

The Waterways and Shipping Office Berlin (WSA Berlin) announces maintenance works (repair of lock gates) at the entire lock of Wusterwitz at the canal Elbe-Havel-Kanal. There is no alternative route available. The works are carried out on working days between 7 am and 5 pm starting on 02.01.2016 and are planned to be finished on 20.04.2016. There is no additional obligation to report.

* Subject: Announcement
* Validity period of the notice: 02.01.2015 – 20.04.2015
* Source: WSA Berlin
* Reason of the notice: Repair (because of maintenance works)
* Object section:
  + Type of geo object: Lock (whole lock, because there is no alternative passage

available)

* + Name of the object: Wusterwitz
  + Name of the fairway: Elbe-Havel-Kanal
* Limitation section:
  + Period:
    - Date: 02.01.2016 – 20.04.2016
    - Time: 07:00 – 17:00
  + Interval: Monday to Friday except public holidays  
     (This interval is chosen in case there are any public holidays in the respective period. The public holidays within the limitation period should be listed in the free text field  
     “Contents” as a service for the users.)
  + Kind of limitation: Blockage (blockage because the whole lock is

affected and there is no alternative route available)

* Contents: Die Schleusentore werden repariert.  
   Keine Arbeiten am 06.01.2016 (Heilige 3 Könige)  
   sowie vom 25.03.2016 bis 28.03.2016 (Ostern).

(The lock gates will be repaired.  
 No works on 06.01.2016 (Holiday Epiphany)

as well as from 25.03.2016 until 28.03.2016 (Eastern)).  
(The holidays are listed here because of the interval “Monday to Friday except public holidays”)

**Situation 3 (case 1)**

In case there are separate ISRS Codes for each lock chamber and for the whole lock:

The Waterways and Shipping Office Regensburg (WSA Regensburg) announces maintenance works (brickworks) on the left side of the north chamber of lock Kachlet (Danube). The South chamber having the same dimensions is in operation but delays could be possible because the north chamber will be closed. The works start on 02.01.2016 and are planned to be finished on 20.02.2016. The works are carried out daily from 6 am to 6 pm but will not be carried out on 06.01.2016 (public holiday in some parts of Germany). There is no additional obligation to report.

* Subject: Announcement
* Validity period of the notice: 02.01.2016 – 20.02.2016
* Source: WSA Regensburg
* Reason of the notice: Repair (because of maintenance works)
* Object section:
  + Type of geo object: Lock chamber
  + Name of the object: Kachlet
  + Position: North
  + Name of the fairway: Donau
* Limitation section: (‘With the exception of’ 06.01.2016 has to be encoded with two date periods: 1) 02.01. – 05.01.2016 and 2) 07.01 – 20.02.2016)
  + Period (1):
    - Date: 02.01.2016 – 05.01.2016
    - Time: 06:00 – 18:00
    - Interval: Daily
  + Period (2):
    - Date: 07.01.2016 – 20.02.2016
    - Time: 06:00 – 18:00
    - Interval: Daily
  + Kind of limitation: Blockage (blockage because the message refers to the north chamber of lock Kachlet and the whole lock chamber is blocked.)
* Contents: Maurerarbeiten auf der linken Seite der Nordkammer  
   (brickworks on the left side of the north lock chamber)

**Situation 3 (case 2)**

In case there is just a single ISRS Code for the whole lock complex:

The Waterways and Shipping Office Regensburg (WSA Regensburg) announces maintenance works (brickworks) on the left side of the north chamber of lock Kachlet (Danube). The south chamber having the same dimensions is in operation but delays could be possible because the north chamber will be closed. The works start on 02.01.2016 and are planned to be finished on 20.02.2016. The works are carried out daily from 6 am to 6 pm but will not be carried out on 06.01.2016 (public holiday in some parts of Germany). There is no additional obligation to report.

* Subject: Announcement
* Validity period of the notice: 02.01.2016 – 20.02.2016
* Source: WSA Regensburg
* Reason of the notice: Repair (because of maintenance works)
* Object section:
  + Type of geo object: Lock
  + Name of the object: Kachlet
  + Name of the fairway: Donau
* Limitation section: (‘With the exception of’ 06.01.2016 has to be encoded with two date periods: 1) 02.01. – 05.01.2016 and 2) 07.01. – 20.02.2016)
  + Period (1):
    - Date: 02.01.2016 – 05.01.2016
    - Time: 06:00 – 18:00
    - Interval: Daily
  + Period (2):
    - Date: 07.01.2016 – 20.02.2016
    - Time: 06:00 – 18:00
    - Interval: Daily
  + Kind of limitation: Partial obstruction (partial obstruction because the message refers to the whole lock complex and the south chamber of lock Kachlet (having the same dimensions) is still operable
  + Position of limitation: North (the north chamber is affected)
* Contents: Maurerarbeiten auf der linken Seite der Nordkammer  
   (brickworks on the left side of the north lock chamber)

**Situation 4**

Description of the situation:

The Waterways and Shipping Office Koblenz (WSA Koblenz) announces an inspection of the big chamber (usable dimensions 172.0 m x 11.6 m) of the lock of Koblenz (Moselle). The inspection will be conducted by the Association for Technical Inspection. The small chamber (110.0 m x 11.6 m) is in operation. The works on the big chamber will be carried out from 02.02.2016 to 10.02.2016 at day-time. The big chamber is only available during the night. There is an additional obligation to report via VHF channel 20. (Remark: each lock chamber and the whole lock complex have its own ISRS Code).

* Subject: Announcement
* Validity period of the notice: 02.02.2016 – 10.02.2016
* Source: WSA Koblenz
* Reason of the notice: Inspection
* Communication section:
  + Reporting regime: additional duty to report
  + Communication means: VHF
  + Number: 20
* Object section (1):
  + Type of geo object: Lock chamber
  + Name of the object: Koblenz
  + Position: big (the big lock chamber is affected)
  + Name of the fairway: Mosel
* Limitation section (1):
  + Period:
    - Date: 02.02.2016 – 10.02.2016
    - Interval: Day-time (the inspection is conducted at day-time)
  + Kind of limitation: Blockage
* Object section (2):
  + Type of geo object: Lock (the whole lock complex is affected by length

reduction)

* + Name of the object: Koblenz
  + Name of the fairway: Mosel
* Limitation section (2):
  + Period:
    - Date: 02.02.2016 – 10.02.2016
    - Interval: Day-time
  + Kind of limitation: Available length (because the big chamber with

172.0 m is out of work and only the length of the small chamber is available (110 m)

* + Value: 11000
  + Unit: cm
  + Indication: Maximum
* Contents: Die Inspektion wird vom TÜV durchgeführt.  
   (The inspection will be conducted by the German Association  
   for Technical Inspection.)

**Situation 5**

Description of the situation:

The Waterways and Shipping Office Berlin (WSA Berlin) announces changed service at the Schiffshebewerk Niederfinow. There are new (reduced) opening hours from Monday to Friday and Saturday to Sunday. The opening hours are: Mo-Fr from 6 am to 10 pm and Sa and So from 7 am to 7 pm. The new opening hours start on the 01.05.2016.

(For example this message announcing the new service hours could be displayed 2 weeks before and until 2 weeks after the new service hours are valid. It has to be valid at least on the day where the service hours change).

* Subject: Announcement
* Validity period of the notice: 17.04.2016 – 17.05.2016
* Source: WSA Berlin
* Reason of the notice: Limitation
* Object section:
  + Type of geo object: Ship lift
  + Name of the object: Niederfinow
  + Name of the fairway: Oder-Havel-Wasserstraße
* Limitation section:
  + Period (1):
    - Date: 01.05.2016
    - Time: 06:00 – 22:00
    - Interval: Monday to Friday

(This interval is chosen in case there are no public holidays in the respective period or the limitation will also be present on the date(s) of the public holiday(s). Otherwise the interval “Monday to Friday except public holidays is to be chosen.”)

* + Period (2):
    - Date: 01.05.2016
    - Time: 07:00 – 19:00
    - Interval: Saturday and Sunday
  + Kind of Limitation: Changed service
* Contents: Reduzierte Betriebszeiten wegen Personalmangels  
   (Reduced service hours due to lack of personnel)

**Situation 6**

Description of the situation:

The Navigation Surveillance Vienna (Schifffahrtsaufsicht Wien) warns the skippers that there will be inspection works at the bridge of Reichsbrücke at the Danube. The clearance height is reduced by 2 meters by a movable maintenance cage that is in operation at the left bridge opening (downstream traffic) on 02.06.2016 and 03.06.2016 daily between 8 am and 4 pm. On the 06.06.2016 and 07.06.2016 it is in operation on the right bridge opening (upstream traffic) daily between 7 am and 3 pm. The skippers have to be very careful because of the workers in the cage. There is an additional duty to report via channel 10 VHF. (Remark: every bridge opening has its own ISRS Location Code).

* Subject: Warning
* Validity period of the notice: 02.06.2016 – 07.06.2016
* Source: Schifffahrtsaufsicht Wien
* Reason of the notice: Inspection
* Communication section:
  + Reporting regime: Additional duty to report
  + Communication means: VHF
  + Number: 10
* Object section (l): (Left opening)
  + Type of geo object: Bridge opening
  + Name of the object: Reichsbrücke
  + Position: Left
  + Name of the fairway: Donau
* Limitation section (1l):
  + Period:
    - Date: 02.06.2016 – 03.06.2016
    - Time: 08:00 – 16:00
    - Interval: Daily
  + Kind of limitation: Clearance height
  + Position of limitation Variable (because the cage is moving)
  + Value 200 (the clearance height is reduced by 2 meters -)
  + Unit: cm
  + Indication code: Reduced by
  + Target group section (1l):
    - Target group: All
    - Direction: Downstream
* Limitation section (2l):
  + Period:
    - Date: 02.06.2016 – 03.06.2016
    - Time: 08:00 – 16:00
    - Interval: Daily
  + Kind of limitation: Special caution
  + Target group section (2l):
    - Target group: All
    - Direction: Downstream
* Object section (r): (Right opening)
  + Type of geo object: Bridge opening
  + Name of the object: Reichsbrücke
  + Position: Right
  + Name of the fairway: Donau
* Limitation section (1r):
  + Period:
    - Date: 06.06.2016 – 07.06.2016
    - Time: 07:00 – 15:00
    - Interval: Daily
  + Kind of limitation: Clearance height
  + Position of limitation Variable (because the cage is moving)
  + Value 200 (the clearance height is reduced by 2 meters)
  + Unit: cm
  + Indication code: Reduced by
  + Target group section (1r):
    - Target group: All
    - Direction: Upstream
* Limitation section (2r):
  + Period:
    - Date: 02.06.2016 – 03.06.2016
    - Time: 07:00 – 15:00
    - Interval: Daily
  + Kind of limitation: Special caution
  + Target group section (2r):
    - Target group: All
    - Direction: Upstream
* Contents: Inspektion durch einen beweglichen Korb  
   (inspection by a movable maintenance cage)

**Situation 7**

Description of the situation:

The Waterways and Shipping Office Dresden (WSA Dresden) warns that there are repair works at the bridge Waldschlößchenbrücke (river Elbe km 52.7). It is expected that there are flying sparks due to welding of steel. Convoys and vessels carrying dangerous cargo are not permitted to pass when work is in progress. The works are carried out on Monday-Thursday between 8 am and 6 pm and on Fridays between 8 am and 3 pm from 02.01.2016 until 23.01.2016. The official traffic regulation is published by navigation police ordinance #23/2016 and available for download on the Internet (www.example.com/police\_ordinance\_2016\_23.pdf)

* Subject: Warning
* Validity period of the notice: 02.01.2016 – 23.01.2016
* Source: WSA Dresden
* Reason of the notice: Repair
* Target group section (1):
  + Target group: Convoys with dangerous goods
  + Direction: All directions
* Target group section (2):
  + Target group: Vessels with dangerous goods
  + Direction: All directions
* Communication section:
  + Reporting regime: Information
  + Communication means: Internet
  + Number: [www.example.com/police\_ordinance\_2016\_23.pdf](http://www.example.com/police_ordinance_2016_23.pdf)
* Object section:
  + Type of geo object: Bridge
  + Name of the object: Waldschlösschenbrücke
  + Name of the fairway: Elbe
* Limitation section:
  + Period (1):
    - Date: 02.01.2016 – 23.01.2016
    - Time: 08:00 – 18:00
    - Interval: Monday
  + Period (2):
    - Date: 02.01.2016 – 23.01.2016
    - Time: 08:00 – 18:00
    - Interval: Tuesday
  + Period (3):
    - Date: 02.01.2016 – 23.01.2016
    - Time: 08:00 – 18:00
    - Interval: Wednesday
  + Period (4):
    - Date: 02.01.2016 – 23.01.2016
    - Time: 08:00 – 18:00
    - Interval: Thursday
  + Period (5):
    - Date: 02.01.2016 – 23.01.2016
    - Time: 08:00 – 15:00
    - Interval: Friday
  + Limitation: Blockage (blockage for Convoys and vessels carrying dangerous goods (see target group of the message)
* Contents: Funkenflug durch Schweißarbeiten  
   (flying sparks due to welding works)

**Situation 8**

Description of the situation:

The RWS Midden Nederland – District Noord announces that due to a cycling event the bridge "Ketelbrug" cannot be opened on the 05.06.2016 from 10 am to 2 pm. Passage under the bridge is still possible with a height of maximum 11.5 m relative to KP. (If only the movable part is not operating and passage under the bridge is still possible, the limitation "no service" has to be selected instead of "blockage" because there is a great difference between those two limitations, especially for routing planners etc.)

* Subject: Announcement
* Validity period of the notice: 05.06.2016 – 05.06.2016
* Source: RWS Midden Nederland - District Noord
* Reason of the notice: Event
* Object section:
  + Type of geo object: Bridge
  + Name of the object: Ketelbrug
  + Name of the fairway: Ketelmeer
* Limitation section (1):
  + Period:
    - Date: 05.06.2016 – 05.06.2016
    - Time: 10:00 – 14:00
    - Interval: Continuous
  + Limitation: No service
* Limitation section (2):
  + Period:
    - Date: 05.06.2016 – 05.06.2016
    - Time: 10:00 – 14:00
    - Interval: Continuous
  + Limitation: Clearance height
  + Value: 1150 (Height of closed bridge)
  + Unit: cm
  + Reference: KP
  + Indication: Maximum
* Contents: Wielrennen  
   (cycling event)

**Situation 9 (case 1)**

Description of the situation:

In case there are separate ISRS Location Codes for each bridge opening and for the whole bridge:

The RWS Midden Nederland - District Noord announces that there are works underside of the movable part of the bridge "Ketelbrug" with a pontoon from the 07.06.2016 to 08.08.2016 on working days from 8 am to 4 pm. Passage under the bridge is still possible, but only under the two fixed openings which have a height of maximum 11.0 m relative to KP.

* Subject: Announcement
* Validity period of the notice: 07.06.2016 – 08.08.2016
* Source: RWS Midden Nederland - District Noord
* Reason of the notice: Work
* Object section (1):
  + Type of geo object: Bridge opening
  + Name of the object: Ketelbrug
  + Name of the fairway: Ketelmeer
  + Position: Movable part (should be filled automatically by NtS application based on RIS Index reference data)
* Limitation section (1):
  + Period:
    - Date 07.06.2016 – 08.08.2016
    - Time: 08:00 – 16:00
    - Interval: Monday to Friday

(This interval is chosen in case there are no public holidays in the respective period or the limitation will also be present on the date(s) of the public holiday(s). Otherwise the interval “Monday to Friday except public holidays is to be chosen.”)

* + Limitation: Blockage
* Object section (2):
  + Type of geo object: Bridge
  + Name of the object: Ketelbrug
  + Name of the fairway: Ketelmeer
* Limitation section (2): (this limitation is added as an information service because the maximum height for the passage of this bridge is reduced, it is not obliged to provide the information about the available dimensions of the fixed part of the bridge within the message)
  + Period:
    - Date: 07.06.2016 – 08.08.2016
    - Time: 08:00 – 16:00
    - Interval: Monday to Friday
  + Limitation: Clearance height
  + Position of limitation: Fixed part
  + Value: 1100 (Height of fixed part)
  + Unit: cm
  + Reference: KP
  + Indication: Maximum
* Contents: werkzaamheden vanaf een ponton  
   (works from a pontoon)

**Situation 9 (case 2)**

Description of the situation:

In case there is just a single ISRS Code for the whole bridge:

The RWS Midden Nederland – District Noord announces that there are works at the underside of the movable part of the bridge "Ketelbrug" with a pontoon from the 07.06 2016 until the 08.08.2016 on working days from 8 am to 4 pm. Passage under the bridge is still possible, but only under the two fixed openings which have a height of maximum 11 m relative to KP.

* Subject: Announcement
* Validity period of the notice: 07.06.2016 – 08.08.2016
* Source: RWS Midden Nederland - District Noord
* Reason of the notice: Work
* Object section:
  + Type of geo object: Bridge
  + Name of the object: Ketelbrug
  + Name of the fairway: Ketelmeer
* Limitation section (1):
  + Period:
    - Date: 07.06.2016 – 08.08.2016
    - Time: 08:00 – 16:00
    - Interval: Monday to Friday

(This interval is chosen in case there are no public holidays in the respective period or the limitation will also be present on the date(s) of the public holiday(s). Otherwise the interval “Monday to Friday except public holidays is to be chosen.”)

* + Limitation: Partial obstruction
  + Position of limitation: Movable part
* Limitation section (2):
  + Period:
    - Date 07.06.2016 – 08.08.2016
    - Time 08:00 – 16:00
    - Interval: Monday to Friday
  + Limitation: Clearance height
  + Position of limitation: Fixed part
  + Value: 1100 (Height of fixed part)
  + Unit: cm
  + Reference: KP
  + Indication: Maximum
* Contents: werkzaamheden vanaf een ponton  
   (works from a pontoon)

**Situation 10**

Description of the situation:

The Prov. Groningen Inspectie Scheepvaart announces that there are works at the underside of the movable part of the bridge "brug Zuidbroek in N33" (canal Winschoterdiep) with a pontoon from 07.06.2016 until 08.08.2016 on working days from 08 am to 4 pm. Because the movable part is the only opening, passage of the bridge is not possible.

* Subject: Announcement
* Validity period of the notice: 07.06.2016 – 08.08.2016
* Source: Prov. Groningen Inspectie Scheepvaart
* Reason of the notice: Work
* Object section:
  + Type of geo object: Bridge
  + Name of the object: Zuidbroek, brug in de N-33
  + Name of the fairway: Winschoterdiep
* Limitation section:
  + Period:
    - Date: 07.06.2016 – 08.08.2016
    - Time: 08:00 – 16:00
    - Interval: Monday to Friday

(This interval is chosen in case there are no public holidays in the respective period or the limitation will also be present on the date(s) of the public holiday(s). Otherwise the interval “Monday to Friday except public holidays is to be chosen.”)

* + Limitation: Blockage
* Contents: werkzaamheden vanaf een ponton  
   (works from a pontoon)

**Situation 11**

Description of the situation:

On the river Danube km 1898.0 (location Wildungsmauer) there was a calamity on 21.06.2016 where a barge sunk on the left side of the fairway. The Navigation Surveillance Hainburg (Schifffahrtsaufsicht Hainburg) announces that passage is prohibited between 9 pm and 5 am. At other times the passage of the accident site is possible on the right side of the fairway. Available width (minimum 60 m) and depth (minimum 17 dm referred to LDC). No passing and overtaking between km 1895.0 and km 1903.0 (between location Wildungsmauer and Haslau). Upstream traffic is only permitted for vessels which are able to reach a speed over ground of at least 4 km/h. There is an obligation to report via VHF canal 10 (call sign SCHIFFFAHRTSAUFSICHT Hainburg). The end date of recovery measures is still unknown. Detailed information are available via telephone (number: +43 1234567890).

* Subject: Announcement
* Validity period of the notice: 21.06.2016 – (the end date has to be set as soon as known)
* Source: Schifffahrtsaufsicht Hainburg
* Reason of the notice: Calamity
* Communication section:
  + Reporting regime (1): Additional duty to report
  + Communication means: VHF
  + Number: 10, SCHIFFFAHRTSAUFSICHT Hainburg
  + Reporting regime (2): Information
  + Communication means: Telephone
  + Number: +43 1234567890
* Fairway section (1):
  + Type of geo object: Fairway
  + Local name: Donau, bei Wildungsmauer
  + Name of the fairway: Donau
  + Begin and end o.t. sect: 1897.9 – 1898.1
* Limitation section (1.1):
  + Period:
    - Date: 21.06.2016 (Start date of blockage)
    - Time: 21:00 – 05:00
    - Interval: Daily
  + Limitation: Blockage
  + Target group: All (not specific – all types of vessels; to be added as there is

another limitation with specific target group)

* + Direction: All (not specific – all directions; to be added as there is

another limitation with specific target group)

* Limitation section (1.2):
  + Period:
    - Date: 21.06.2016 (Start date of possible passage)
    - Time: 05:00 – 21:00
    - Interval: Daily
  + Limitation: Clearance width
  + Position of limitation: Right (available width on the right side of the fairway)
  + Value: 6000
  + Unit: cm
  + Indication: Minimum
  + Target group: All (not specific – all types of vessels; to be added as there is

another limitation with specific target group)

* + Direction: All (not specific – all directions; to be added as there is

another limitation with specific target group)

* Limitation section (1.3):
  + Period:
    - Date: 21.06.2016 (Start date of possible passage))
    - Time: 05:00 – 21:00
    - Interval: Daily
  + Limitation: Available depth
  + Position of limitation: Right (Available depth on the right side of the fairway)
  + Value: 170
  + Unit: cm
  + Reference: Low water level Danube Commission
  + Indication: Minimum
  + Target group: All (not specific – all types of vessels; to be added as there is

another limitation with specific target group)

* + Direction: All (not specific – all directions; to be added as there is

another limitation with specific target group)

* Limitation section (1.4):
  + Period:
    - Date: 21.06.2016 (Start date)
    - Interval: Continuous
  + Limitation: Special caution
  + Position of limitation: Left
  + Target group: All (not specific – all types of vessels; to be added as there is another limitation with specific target group)
  + Direction: All (not specific – all directions; to be added as there is another limitation with specific target group)
* Fairway section (2):
  + Type of geo object: Fairway
  + Local Name: Donau, zwischen Wildungsmauer und Haslau
  + Name of the fairway: Donau
  + Begin and end o.t. sect: 1895.0 – 1903.0
* Limitation section (2.1):
  + Period:
    - Date: 21.06.2016
    - Interval: Continuous
  + Limitation: No passing
  + Target group: All (not specific – all types of vessels; to be added as there is another limitation with specific target group)
  + Direction: All (not specific – all directions; to be added as there is another limitation with specific target group)
* Limitation section (2.2):
  + Period:
    - Date: 21.06.2016
    - Interval: Continuous
  + Limitation: No overtaking
  + Target group: All (not specific – all types of vessels; to be added as there is

another limitation with specific target group)

* + Direction: All (not specific – all directions; to be added as there is

another limitation with specific target group)

* Limitation section (2.3):
  + Period:
    - Date: 21.06.2016
    - Interval: Continuous
  + Limitation: Speed limit
  + Value: 4
  + Unit: km/h
  + Indication: Minimum
  + Target group: All (not specific – all types of vessels)
  + Direction: Upstream
* Contents: Gesunkenes Schiff in der Fahrrinne.  
   Die Minimalgeschwindigkeit bezieht sich auf die  
   Geschwindigkeit über Grund.  
   (sunk barge within the fairway  
   minimum speed refers to

minimum speed over ground.)

**Situation 12**

Description of the situation:

The Waterways and Shipping Office Meppen (WSA Meppen) announces dredging works in the fairway of the canal Dortmund-Ems-Kanal (fairway section "Ortslage Herbrum") between km 212.7 and 213.6. The dredging will be carried out daily from 10.02.2016 to 28.02.2016 between 6 am and 10 pm. The dredging will be carried out by the dredger "Insa". Passing and overtaking during the dredging are prohibited. There is an additional obligation to report via VHF canal 10 (call sign INSA).

* Subject: Announcement
* Validity period of the notice: 10.02.2016 – 28.02.2016
* Source: WSA Meppen
* Reason of the notice: Dredging
* Communication section:
  + Reporting regime: Additional duty to report
  + Communication means: VHF
  + Number: 10, INSA
* Fairway section:
  + Type of geo object: Fairway
  + Local name: Dortmund-Ems-Kanal, Ortslage Herbrum
  + Name of the fairway: Dortmund-Ems-Kanal
  + Begin and end o.t. sect: 212.7 – 213.6
* Limitation section (1):
  + Period:
    - Date: 10.02.2016 – 28.02.2016
    - Time: 06:00 – 22:00
    - Interval: Daily
  + Limitation: No passing
* Limitation section (2):
  + Period:
    - Date: 10.02.2016 – 28.02.2016
    - Time: 06:00 – 22:00
    - Interval: Daily
  + Limitation: No overtaking
* Contents: Baggerarbeiten durch den Schwimmbagger Insa  
   (dredging works carried out by dredger Insa)

**Situation 13**

Description of the situation:

The Waterways and Shipping Office Koblenz (WSA Koblenz) announces an event called "Rhein in Flammen" at the confluence of the river Rhine (Rhein km 586.0 – 594.5) (location Deutsches Eck) and the river Moselle (Mosel km 0.0 – 0.4) (location Deutsches Eck). There are fireworks. Therefore both rivers are blocked on 09.08.2016 6 pm - 10.08.2016 00:00 am (Rhine) respectively 00:30 am (Moselle). Vessels participating in the event as well as local ferries are excluded from the blockage.

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* Subject: Announcement
* Validity period of the notice: 09.08.2016 – 10.08.2016
* Source: WSA Koblenz
* Reason of the notice: Firework
* Fairway section (1):
  + Type of geo object: River
  + Local Name: Rhein, Deutsches Eck
  + Name of the fairway: Rhein
  + Begin and end o.t. sect: 586.0 – 594.5
* Limitation section (1):
  + Period:
    - Date: 09.08.2016 – 10.08.2016
    - Time: 18:00 – 00:00
    - Interval: Continuous
  + Limitation: Blockage
* Fairway section (2):
  + Type of geo object: River
  + Local Name: Mosel, Deutsches Eck
  + Name of the fairway: Mosel
  + Begin and end o.t. sect: 0.0 – 0.4
* Limitation section (2):
  + Period:
    - Date: 09.08.2016 – 10.08.2016
    - Time: 18:00 – 00:30
    - Interval: Continuous
  + Limitation: Blockage
* Contents: Teilnehmende Fahrzeuge an der Veranstaltung "Rhein in

Flammen" sowie regionale Fähren sind von der Sperre

ausgenommen.  
 (Vessels participating in the event as well as local ferries are  
 excluded from the blockage)

**Situation 14**

Description of the situation:

The Waterways and Shipping Office Hann. Münden (WSA Hann. Münden) announces building works on the right side of the fairway of the river Weser between km 110.0 and km 120.0 (between location Bodenwerder and Hajen). There is a diver under the water. The building works are starting on 03.08.2016 on working days (Monday to Friday except public holidays) between 8 am and 4 pm. Overtaking is forbidden. Maximum speed is 8 km/h for all vessels except non-motorized vessels (this section is used by professional scullers for training). It is still unknown when the building works will be finished.

* Subject: Warning
* Validity period of the notice: 03.08.2016 – (the end date has to be set as soon as known)
* Source: WSA Hann. Münden
* Reason of the notice: Diver under water
* Fairway section:
  + Type of geo object: Fairway
  + Local Name: Weser, zwischen Bodenwerder und Hajen
  + Name of the fairway: Weser
  + Begin and end o.t. sect: 110.0 – 120.0
* Limitation section (1):
  + Period:
    - Date: 03.08.2016 – (the end date has to be set as soon as known)
    - Time: 08:00 – 16:00
    - Interval: Monday to Friday except public holidays  
       (This interval is chosen in case there are any public holidays in the respective period. The public holidays within the limitation period should be listed in the free text field  
       “Contents” as a service for the users.)
  + Limitation: No overtaking
  + Target group: All (not specific – all types of vessels; to be added as there is

another limitation with specific target group)

* + Direction: All (not specific – all directions; to be added as there is

another limitation with specific target group)

* Limitation section (2):
  + Period:
    - Date: 03.08.2016 – (the end date has to be set as soon as known)
    - Time: 08:00 – 16:00
    - Interval: Monday to Friday except public holidays
  + Limitation: Speed limit
  + Value: 8
  + Unit: km/h
  + Indication: Maximum
  + Target group: motorized vessels
  + Direction: all directions
* Limitation section (3):
  + Period:
    - Date: 03.08.2016 – (the end date has to be set as soon as known)
    - Time: 08:00 – 16:00
    - Interval: Monday to Friday except public holidays
  + Limitation: Special caution
  + Position of limitation: right (building works are on the right side of the fairway)
  + Target group: All (not specific – all types of vessels; to be added as there is

another limitation with specific target group)

* + Direction: All (not specific – all directions; to be added as there is

another limitation with specific target group)

* Contents: Die Arbeiten finden nicht an den gesetzlichen Feiertagen (siehe:   
   [https://de.wikipedia.org/wiki/Gesetzliche\_Feiertage\_in\_Deut](file:///\\ik\daten\Projektdaten\Web_Auftritte\Extern\Elwis.de\RIS\Standard_V4-0\NtS_40\%09https:\de.wikipedia.org\wiki\Gesetzliche_Feiertage_in_Deut)schland) statt.  
   (The building works will not be conducted on public holidays. For a complete list see: [https://de.wikipedia.org/wiki/Gesetzliche\_Feiertage\_in\_Deutsc](https://de.wikipedia.org/wiki/Gesetzliche_Feiertage_in_Deutsch)hland)  
   (The holidays are linked here because of the limitation period interval “Monday to Friday except public holidays”)

**Situation 15**

Description of the situation:

The Navigation Surveillance Vienna (Schifffahrtsaufsicht Wien) announces that the right bridge opening of the bridge "Reichsbrücke" is blocked due to under water works. All traffic has to go through the remaining left bridge opening. Passing and overtaking is prohibited between river km 1928.0 and 1930.0 from 02.06.2016 until further notice. There is an additional duty to report via channel 10 VHF before entering the area.

* Subject: Announcement
* Validity period of the notice: 02.06.2016 – (the end date has to be set as soon as known)
* Source: Schifffahrtsaufsicht Wien
* Reason of the notice: Diver under water
* Communication section:
  + Reporting regime: Additional duty to report
  + Communication means: VHF
  + Number: 10
* Fairway section:
  + Type of geo object: River
  + Local Name: Donau, im Gebiet Reichsbrücke
  + Name of the fairway: Donau
  + Begin and end o.t. sect: 1928.0 – 1930.0
* Limitation section (1)
  + Period:
    - Date: 02.06.2016 – (the end date has to be set as soon as known)
    - Interval: Continuous
  + Limitation: No overtaking
* Limitation section (2)
  + Period:
    - Date: 02.06.2016 – (the end date has to be set as soon as known)
    - Interval: Continuous
  + Limitation: No passing
* Object section:
  + Type of geo object: Bridge opening
  + Name of the object: Reichsbrücke (Wien)
  + Position: Right
  + Name of the fairway: Donau
* Limitation section
  + Period:
    - Date: 02.06.2016 – (the end date has to be set as soon as known)
    - Interval Continuous
  + Limitation: blockage
* Contents: Arbeiten am Brückenfundament

(works on the bridge foundation)

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**Situation 16**

Description of the situation:

The Waterways and Shipping Office Köln (WSA Köln) announced a blockage of the river Rhine (km 646.0) (location Ortslage Königswinter) because of handling heavy cargo on 10.04.2016, from 8:00 am to 1:00 pm.

Update!

On 08.04.2016 it turns out that the cargo handling will not take place. Therefore there will be no blockage on 10.04.2016 anymore. The notice is withdrawn on 08.04.2016.

* Subject: Notice withdrawn
* Validity period of the notice: 08.04.2016 – 08.04.2016

(originally it was 10.04.2016 – 10.04.2016)

* Source: WSA Köln
* Reason of the notice: Work
* Fairway section:
  + Type of geo object: River
  + Local Name Rhein, Ortslage Königswinter
  + Name of the fairway: Rhein
  + Begin and end o.t. sect: 646.0 – 646.0
* Limitation section:
  + Period:
    - Date: 10.04.2016 – 10.04.2016

(the original limitation period of the message stays unchanged because the situation has not started already (see chapter 4.1 ‘Notice withdrawn’). )

* + - Time: 08:00 – 13:00
    - Interval: Continuous
  + Limitation: Blockage
* Contents: Es finden Schwerlastarbeiten statt.  
   (handling of heavy cargo)