Expert Group

Notices to Skippers

CCNR RIS Workshop
Strasbourg, 13th November 2008
Agenda

- Framework for provision of Notices to Skippers
- Technical Specifications for Notices to Skippers
- Status of NtS implementation in Europe
- Distribution of Notices to Skippers
- Notice to Skippers in operation
- Future focus for Notices to Skippers
Framework for provision of NtS

**EU RIS Directive (2005/44/EC)**

*“what”*
... ensure that NtS, including water level info and ice reports, are provided as standardised, encoded and downloadable messages.

**Commission Regulation 416/2007 concerning the technical specifications for Notices to Skippers**

*“how”*
Technical Specification for provision of standardised and compatible NtS

**CCNR Notices to Skippers for Inland Navigation International Standard (Edition 1.2.1)**

*“who”*
... maintenance / amendments of Technical Specifications; new specifications...

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**Important! To have one common Technical Specification for NtS**
Technical specification I.

- Commission regulation 416/2007 of 22 March 2007 concerning the technical specifications for Notices to Skippers

- Amendment of the NtS Standard submitted to the EC / CCNR (January, April 2008)
  - Weather Related Message (WERM) – change in text, XML and tag fields in reference tables and in Encoding guide
  - Updated XML conforming with the needs of modern technologies, such as web services (CCNR version 2.0)
Technical specification II.

Technical Specification for Notices to Skippers:

• Provides automatic translation of the most important content of notices in up to 24 languages

• Provides a standardised data-structure to facilitate the integration of notices in voyage planning systems and which are compatible with Inland ECDIS navigational charts

• Facilitates data-exchange between different countries

• Uses standard vocabulary in combination with code lists
Technical specification III.

Notice to Skippers

- Fairway and Traffic related messages
  - "FTM" contains messages related to a fairway (link) or an object, e.g. limitations, announcements, ...

- Water level related messages
  - "WRM" contains measurements such as water level, water discharge, vertical clearance, regime code...

- Ice messages
  - "ICEM" contains information about the ice conditions for a fairway (link)

- Weather related messages
  - "WERM" contains information about the weather conditions for a fairway (link), such as wind, waves, air/water temperatures...
Status of implementation in Europe

Results of inventory:

- Different version of specification
- Lack of use of reference data
- Lack of use of geo coordinates
- Encoding of messages

Action:
- Focus on the quality of NtS provision

Status of implementation

- Operational phase (all messages)
- Operational phase (FTM)
- Testing phase
- Implementation phase
- Details not known / n.a.

Status of implementation:

- www.doris.bmvit.gv.at
- www.elwis.de
- http://nts-demo.rsoe.hu
- www.risserver.n
- http://nts.slovris.sk
- http://nts.crup.hr

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Distribution of Notices to Skippers

- Web browser
- E-mail client
- FTP
Distribution of Notices to Skippers

- Web browser
- E-mail client
- FTP
- Web services
Web services: specification & pilot

Croatia - CRUP

Proposal for standardised distribution of NtS via Web-Service

Internet (www)

e-mail text (smtp)

e-mail XML (smtp)

NTS Web Service (national)

NTS valid in Croatia

NTS Web Service (international)

Internet (www)

e-mail text (smtp)

e-mail XML (smtp)

NTS Web Service (national)

NTS valid in Germany

Notice to Skippers in operation

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NACHRICHT
FÜR DIE BINNENSCHIFFFAHRT
Nr. 128/00 aus 2008

gemäß § 24 des Schiffsfrachtgesetzes, BGBl. I Nr. 62/1997 idF BGBl. I Nr. 123/2005

Betr.: Kosten

Es liegt eine neue Nachricht für die Binnenschifffahrt für den Bereich Kosten in Österreich in der Originalsprache Deutsch von der Seite bmvi.at vom 7. November 2008 verfasst vor, die von der Seite bmvi.at vom 7. November 2008 verfasst wurde:

Wasserstraßen- und verkehrsbezogene Nachricht Nummer 128/00 aus 2008, Beleihung Baggerarbeiten

Meldung der/der Schiffsfrachtaufsicht Engelhartstett


Für den Fluss Donau, Strom-km 2200.7 bis 2209.2 gilt in der Zeit vom 24. November 2008 bis 6. Dezember 2008 Montag bis Freitag in der Zeit von 06:00 Uhr bis 20:00 Uhr folgende Beschränkung: Weiterschlag vermeiden im rechten Bereich.

Ergänzender Text in Originalsprache: Arbeitsbereich und -geräte sind mit entsprechenden Schiffsfrachtschriften, sowie Tag- und Nachtfahrzeichen gekennzeichnet.

Für den Bundesminister:
i.V. Dipl.-Ing. Bernd Birkhuber

Ihr(e) Sachbearbeiter(in):
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elektronisch gefertigt

Diese Nachricht für die Binnenschifffahrt wurde automatisiert aus Textblöcken erstellt, welche im internationalen Standard für Nachrichten für die Binnenschifffahrt definiert sind.
Notice to Skippers in operation

Fairway

Sender of the message: via dopus
Country where message is valid: AT
District (Region within country): Wien

Target group code: Partial obstruction
Subject: Repair
Reason of notice: 12-11-2007
Period of validity: 01-12-2007
Name of Geo object: Donau Goose
Kind of limitation: Abguss
Kind of obstruction period: 12-11-2007 - 01-12-2007
Communication channel info section:

Contents: Der linke Rummel des Schleusungssystem mit ... Konservierung der Rummel ergänzt.
Notice source (authority): Via dopus
Future for Notices to Skippers

Goal: Improve safety and efficiency of inland navigation

CRITERIA of quality
- Relevant content in encoded form instead of free text
- Extensive use of ISRS locations codes and geo-coordinates for seamless processing in RIS applications (e.g. Inland ECDIS viewer)
- Coverage of a wide variety of languages
- Conformity of XML messages with the NTS Standard
- Accessibility of the push- and pull-service for distribution – use of modern technologies
- Processes for the creation, approval and publication of Notices to Skippers

“Authority”
Provision of accurate and up-to-date information

“IWT Stakeholders”
Use as part of fairway, traffic information and management and for voyage planning

“Stakeholder”
Use as part of fairway, traffic information and management and for voyage planning
Future for Notices to Skippers

- Quality of Encoding of NtS messages
  - How to achieve higher quality?

- Share of know-how (maintenance of the Notices to Skippers Encoding Guide)
- Use of standardised reference data for NtS
- Introduce modern ways of distribution of NtS
- Increase security with regard to provision of NtS
- Support countries implementing the NtS service
NOTICES TO SKIPPERS EXPERT GROUP

The objective of the Notices to Skippers Expert Group is to adapt the Notices to Skippers standard to technical developments and the requirements of the users and to submit these proposals to the European Commission, the Central Commission for Navigation on the Rhine, the Danube Commission, the UNESCO and other interested international organisations for formalisation.

The Notices to Skippers Expert Group serves as an independent international platform to ensure a harmonized development of the Notices to Skippers standard in the different international organisations.

The working group will support, advise and give input to the European RIS platform regarding a harmonized implementation of Notices to Skippers when requested and on its own initiative.

Every member state of an international organisation, which has adopted the Notices to Skippers Standard or is considering to adopt the standard, is entitled to chair a delegation in the expert group. A delegation may consist of a head of delegation (representative of the competent authorities for the implementation of Notices to Skippers), official members, e.g. from other governmental bodies and experts. All the members of a delegation should have expertise in the field of Notices to Skippers. Representatives of:

1. International governmental organisations in the area of inland navigation,
2. International non-governmental organisations of involved commercial organisations, which have a proven official status and represent at least a membership of more than three European countries and
3. Private companies, which are producing applications for Notices to Skippers in accordance with the standard, are entitled to take part as observers.

CONTACT DETAILS

Chairman
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Vice Chairman
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Thank you for your attention

Expert Group
Notices to Skippers

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