

Inland ECDIS edition 2.4

SC.3/WP.3 2015-06-25

Mandate

- Resolution No. 77 (adopted by the Working Party on Inland Water Transport on 12 October 2012) amending the annex of resolution No. 48 on Inland ECDIS:

The Working Party on Inland Water Transport agrees on the following procedure of any further amendment of Resolution No. 48 and its technical appendices:

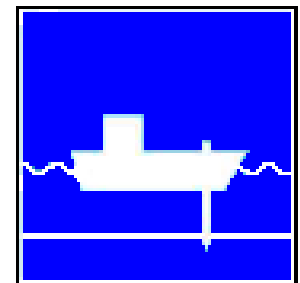
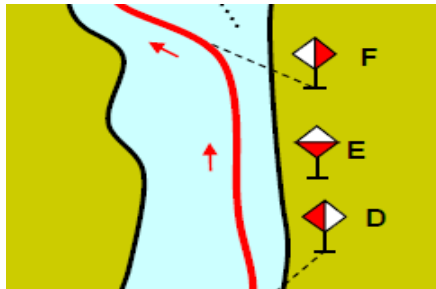
- (a) All future amendments to the text of Resolution No. 48 should be transmitted by the International Inland ECDIS Expert Group in due course for consideration by the Working Party on the Standardization of Technical and Safety Requirements in Inland Navigation and consequent consideration and adoption by the Working Party on Inland Water Transport;

Inland ECDIS edition 2.4

- The Inland ECDIS expert group has adopted an edition 2.4 of the Inland ECDIS standard
- The amendments include:
 - General amendments
 - Minimum requirements for information mode
 - A Product Specification for bathymetric Inland ENC's

General amendments

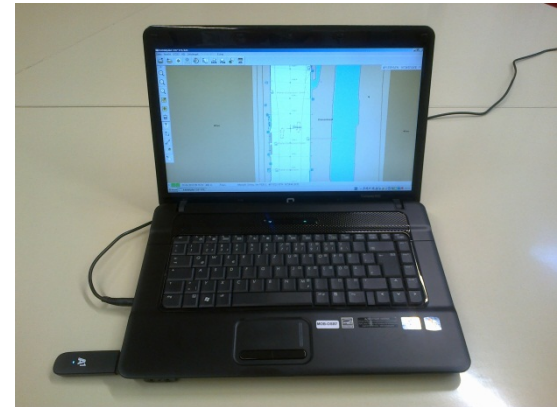
- Updates of the references to other international standards (e.g. of IHO and IEC)
- Implementation of the adopted Change Requests of member states (AT, BE, BR, DE, IT, NL, PL, US), e.g. regarding the marking system on the river Po, retractable bridges, power supply stations on shore, CEVNI rev.5 and additional waterway codes



- Harmonization of the versions of EU, CCNR and UNECE (e.g. uniform use of the term “vessel” instead of “ship” and “vessel”)

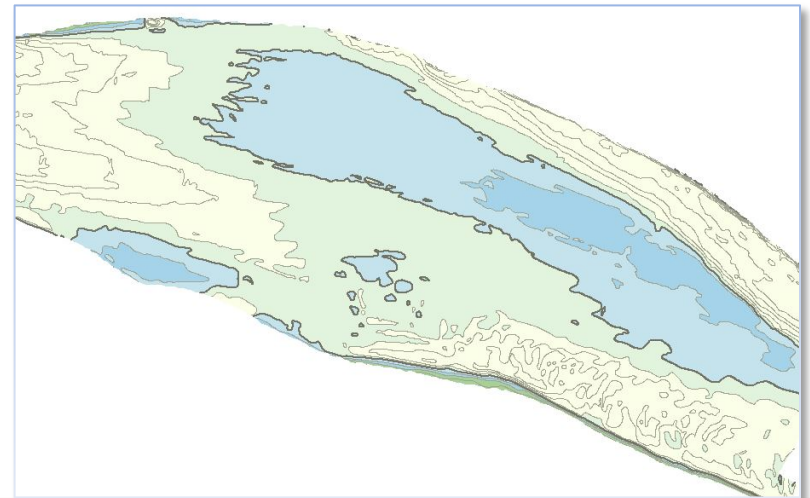
Minimum requirements for information mode

- One country has already introduced a carriage requirement for Inland ECDIS
- The standard is containing requirements for navigation mode, but only recommendations for information mode
- There is the risk of different minimum requirements by different countries, if the standard does not define them
- 2.4 is containing minimum requirements
- A type approval is explicitly not foreseen
- The carriage requirement of CCNR is not affected



Bathymetric Inland ENCs

- Up-to-date depth information is important for safety, efficiency and competitiveness of inland navigation
- IRIS Europe 3 has developed and tested “bathymetric Inland ENCs” as an option to produce updates of depth data in the fastest and most economic way
- The expert group has decided to include this option in the standard
- The three most important application builders have participated in the successful testing
- Chart producers are free to use this option

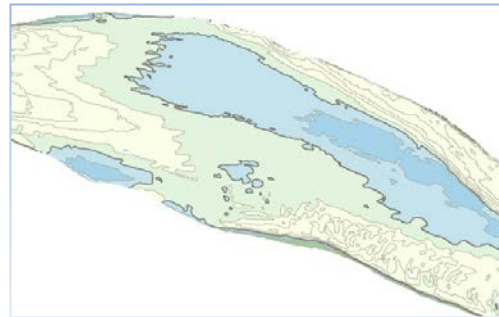


Bathymetric Inland ENC

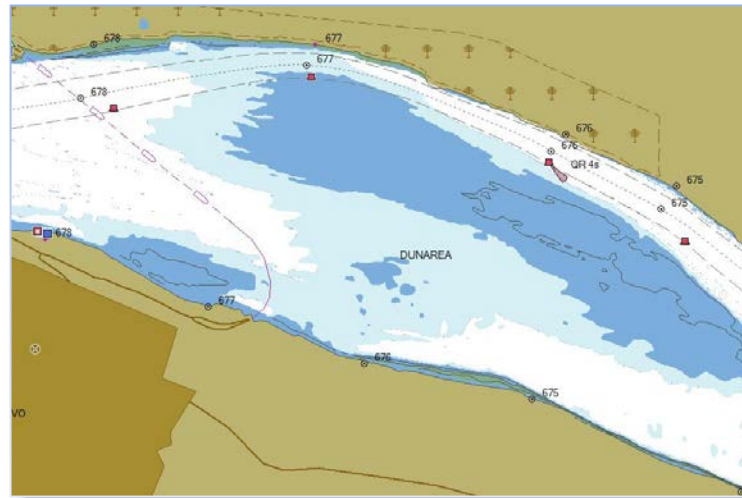
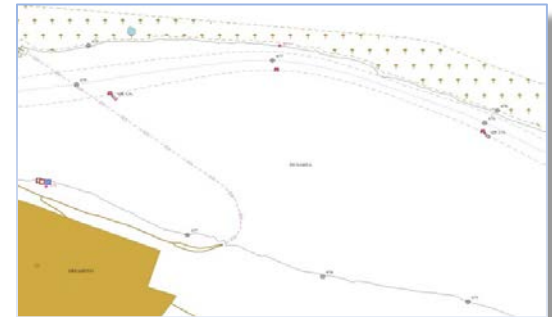
“Skin of the earth”



BIENC



Other iENC data



Edition 2.4, timeline

- The Commission Regulation No. 909/2013 of the European Union on Inland ECDIS is referring to the Appendices of resolution No. 48 of UNECE
- The EU intends to publish updates of all RIS standards in 2016
- The adoption of edition 2.4 by the SC.3 meeting in November is therefore a precondition for the update of the Commission Regulation
- The Inland ECDIS expert group kindly asks SC.3/WP.3 to check the proposal and to forward it to SC.3

Thank you for your attention!

Bernd Birkhuber

Tel.: +43 1 71162 655902

bernd.birkhuber@bmvit.gv.at