

**COMMON PRINCIPLES AND TECHNICAL REQUIREMENTS FOR  
PAN-EUROPEAN RIVER INFORMATION SERVICES (RIS)**

Submitted by the President of the Inland ECDIS Harmonization Group (IENG)

**Ref.: Edition 2.1 of the Inland ECDIS Standard**

1. The Inland ENC Harmonization Group (IEHG) and the European Inland ECDIS expert group have adopted amendments of the Inland ENC Encoding Guide in accordance with the rules of procedure. These amendments include new object classes, attributes and attribute values and, respectively, new combinations of these elements that require a new edition of the Feature Catalogue, Product Specification and digital parts of the Presentation Library.
2. The Inland ECDIS expert group stressed the importance of a harmonized date of application of the new edition in Europe and proposed to set that date on 1 January 2009. If it is not possible to adopt a Commission regulation of the European Union to amend the technical specification for Inland ECDIS before the end of this year, the date of application will have to be postponed.
3. The amendments are only affecting the annexes of the Inland ECDIS Standard, which are published at <<http://ienc.openecdis.org>>, and do not affect the sections 1 to 5 of the main part of the standard, which have been published as ECE/TRANS/SC.3/156/Rev.1.
4. For better clarity and in order to take into account the different structures of the organization of various international organizations it is proposed to publish the amendments as Edition 2.1 of the Inland ECDIS Standard. The following amendments would be necessary in ECE/TRANS/SC.3/156/Rev.1:
  - a) Page 3, footnote 1  
Replace Edition 2.0 with Edition 2.1  
Replace 23.11.2006 with 19.05.2008

b) Page 5

Before The following diagram add The Inland ECDIS Expert Group has transmitted a proposal for Edition 2.1 in May 2008 to the relevant international organisations. Based on this proposal from the group, the UNECE Working Party on Inland Water Transport (SC.3) at its ...th session, decided to update its Resolution No. 48 on Inland ECDIS accordingly.

c) Page 5, second to the last paragraph

Replace Edition 2.0 with Edition 2.1

d) Page 7

Replace Edition 2.0, 23.11.2006 with Edition 2.1, 19.05.2008

e) Page 8

Replace Edition 2.0, 23.11.2006 with Edition 2.1, 19.05.2008

f) Page 19, line 16

Replace edition 2.0 with edition 2.1

g) Page 21, line9

Replace Edition 2.0 with Edition 2.x

h) Page 21, line 16

Replace edition 2.0 with edition 2.1

i) Page 27, line 22

Replace edition 2.0 with edition 2.1

j) Page 41, line 18

Replace edition 2.0 with edition 2.1

k) Page 48, line 12

Replace edition 2.0 with edition 2.1

l) Page 51, line 7

Replace Edition 2.0 with Edition 2.1

5. All parts of the annexes are available at <<http://ienc.openecdis.org>> as it is foreseen in the standard. The following table is providing an overview on the documents and the amendments:

Inland ECDIS Standard Edition 2.1		
File	Content	Amendments
-	Main part of the Inland ECDIS Standard 2.1	See above
IES21_Section2_ProdSpec.pdf ES21_Section2_ProdSpec_trackchange.doc	Product Specification for Inland ENC's 2.1	Amendments resulting from the amendments of the Encoding Guide. All amendments are marked in track-change mode in the Word version of the document
IENC_EG_131.pdf  (due to the size of the file only available at < <a href="http://ienc.openecdis.org">http://ienc.openecdis.org</a> > )	Encoding Guide for Inland ENC's 1.3.1	Based on the change requests that have been adopted until end of April 2008 (a Word version of the document with amendments in track-change mode can be provided on request, file size 20 MB)
IENC_FC_21.pdf IENC_FC_21.xml IENC_FC_21.xsd	Feature Catalogue for Inland ENC's 2.1:  XML-scheme (.xsd), XML-file for application manufacturers (.xml),  PDF version for printouts (.pdf)	Amendments resulting from the amendments of the Encoding Guide and corrections
PresLib21.pdf PresLib21_trackchange.doc	Presentation Library 2.1	No amendment but the change of the version number to "2.1"
Lookup21.zip	Lookup Tables 2.1	Alignment with version 2.1 of the Feature Catalogue
IENC_SYM_21.zip	Symbols 2.1	Alignment with version 2.1 of the Feature Catalogue

6. The amendments are based on the first experiences of the chart producers with edition 2.0. They contain amendments and corrections that are necessary to display all the required objects in Inland ENC's.

7. This information is forwarded to the Working Group in order to prepare the decision on the amendments to Resolution No. 48 for the fifty-second session of the Working Party on Inland Water Transport.

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