

22 October 2008

**Clarifications, Corrections and  
Extensions Document**

**to the**

**Inland ECDIS Standard**

**Transition from Edition 2.0 to Edition 2.1 of the Standard**

The Inland ENC Harmonization Group (IEHG) and the European Inland ECDIS Expert Group, in accordance with the mandate provided for in Edition 2.0 of the Inland ECDIS Standard, decided on changes to the Encoding Guide for Inland ENCs, which among other things include new objects, attributes and attribute values or new combinations of objects, attributes and attribute values. As a result, adjustments to the Feature Catalogue, the Product Specification and the digital parts of the Presentation Library were necessary, which are also included in the given mandate. The Inland ECDIS Expert Group has opted for a single date of application of these changes in Europe and proposed 1 January 2009. Therefore the Central Commission for Navigation of the Rhine strives for a alignment with the date of entry into force of the corresponding Commission Regulation on the technical specification for Inland ECDIS. This alignment could not be achieved yet.

Although the changes only affect the appendices and changes of content in sections 1 through 5 of the Inland ECDIS Standard are not foreseen, for more clarity and with regard to the different structures of various international organizations it is suggested to publish the changes as the Edition 2.1 of the Inland ECDIS Standard.

The changes in the Standard are described in the attached Clarifications, Corrections and Extensions Document of the Central Commission for Navigation of the Rhine to the Inland ECDIS Standard.

All documents of the appendices are – as foreseen in the Standard – available on the website <http://ienc.openecdiss.org>.

The following table provides an overview of the various documents of the appendices and their changes:

Appendices to the Inland ECDIS Standard Edition 2.1		
File	Content	Changes
IES21_Section2_ProdSpec.pdf IES21_Section2_ProdSpec_trackchange.doc	Product Specification for Inland ENC's 2.1	Implementation of the changes in the Encoding Guide. (All changes in the Word version are marked in the track-change-mode.)
IENC_EG_131.pdf (because of the size only available as download at <a href="http://ienc.openecd.org">http://ienc.openecd.org</a> )	Encoding Guide for Inland ENC's 1.3.1	Taking into account all suggestions for amendments and corrections, which were adopted until the end of April 2008. (A Word version with marked changes can be provided by the expert group upon request; 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 software producers (.xml), PDF-Version for printouts (.pdf) (Feature-Catalogue)	Implementation of the changes in the Encoding Guide and corrections.
PresLib21.pdf PresLib21_trackchange.doc	Presentation Library 2.1	No changes except amending the version number to "2.1".
Lookup21.zip	Look up tables 2.1	Adaptation to version 2.1 of the Feature Catalogue.
IENC_SYM_21.zip	Symbols 2.1	Adaptation to version 2.1 of the Feature Catalogue.

The changes are based on the initial experience of the chart producers with Edition 2.0, and include extensions and revisions that are required to present all necessary elements in the Inland ENC's.

**Clarifications, Corrections and Extensions Document of the Central Commission for Navigation  
 of the Rhine to the Inland ECDIS Standard  
 Transition from Edition 2.0 to Edition 2.1 of the Standard**

Part/Section of the Standard	Page	Amendment
Title page		Replace "Edition 2.0" by "Edition 2.1", replace date of decision "21.11.2006" by "22.10.2008".
Page footing	all	Replace "Edition 2.0" by "Edition 2.1", replace date of decision "21.11.2006" by "22.10.2008".
Preface	III	Add the following sentences: "In May 2008, the Inland ECDIS Expert Group presented to the international organizations a proposal for an Edition 2.1, which is based on the amendments of the Inland ENC Encoding Guide adopted by the Inland ENC Harmonization Group (IEHG). The Edition 2.1 was adopted by the Central Commission for Navigation of the Rhine, 22 October 2008, for application from [1 April 2009]."
	V	Replace "Edition 2.0" by "Edition 2.1", replace date of decision "21.11.2006" by "22.10.2008".
Section 1	1	Replace "Edition 2.0" by "Edition 2.1", replace date of decision "21.11.2006" by "22.10.2008".
Section 2	13	Replace "Edition 2.0" by "Edition 2.1", replace date of decision "21.11.2006" by "22.10.2008".
	16	In the last sentence of point 4 replace "Edition 2.0" by "Edition 2.x"; in the first sentence of point 6 replace "Edition 2.0" by "Edition 2.1".
Section 2a	19	Replace "Edition 2.0" by "Edition 2.1", replace date of decision "21.11.2006" by "22.10.2008".
	20	Replace " <a href="http://www.openecdis.org">www.openecdis.org</a> " by " <a href="http://ienc.openecdis.org">http://ienc.openecdis.org</a> " (2 times).
	21	Replace table by the current version from <a href="http://ienc.openecdis.org/?q=node/10">http://ienc.openecdis.org/?q=node/10</a> , replace " <a href="http://www.openecdis.org">www.openecdis.org</a> " by " <a href="http://ienc.openecdis.org">http://ienc.openecdis.org</a> ".
Section 3	23	Replace "Edition 2.0" by "Edition 2.1", replace date of decision "21.11.2006" by "22.10.2008".
	29	Replace "Edition 2.0" by "Edition 2.1".
Section 4	31	Replace "Edition 2.0" by "Edition 2.1", replace date of decision "21.11.2006" by "22.10.2008".
	46	Replace "Edition 2.0" by "Edition 2.1".
Section 4 Appendix A	47	Replace "Edition 2.0" by "Edition 2.1", replace date of decision "21.11.2006" by "22.10.2008".
	54	Replace "Edition 2.0" by "Edition 2.1".
Section 4 Appendix B	55	Replace "Edition 2.0" by "Edition 2.1", replace date of decision "21.11.2006" by "22.10.2008".
Section 5	59	Replace "Edition 2.0" by "Edition 2.1", replace date of decision "21.11.2006" by "22.10.2008".
	60	Replace "Edition 2.0" by "Edition 2.1".