



Hydrographic Services and Standards Committee

Report

to

HSSC-5, November 2013

Status Report on Inland ENC Development and
Standardization

IEHG11 – 2013 Annual Meeting

- ✦ Hosted by the US Army Corps of Engineers in Secaucus, New Jersey, USA, 15-17 October 2013
- ✦ Representatives from Europe, North & South America and Asia were in attendance.
- ✦ Key Topics included:
 - Updates on Inland ENC activities in the various regions
 - Review and acceptance of change requests
 - IEHG alignment with IHO S-100, S-99, S-101 and the GI Registry



Change Requests

- ✦ IEHG has established a process for submitting proposals for amendments (i.e., Change Requests) to Inland ENC standards. This includes the Feature Catalogue, Product Specification, Encoding Guide, and Validation Checks.
- ✦ Every participant in IEHG is entitled to submit proposals. Proposal submission and review is described in Annex A of the IEHG Terms of Reference.
- ✦ At IEHG11, eleven (11) Change Requests were reviewed. Changes which do not affect the Feature Catalogue will go into effect in January 2014. Changes which affect the Feature Catalogue will go into effect with the release of the next edition of the IENC Product Specification (anticipated 2015).



Effective Dates of IENC Standards

Feature Catalogue & Product Spec	Date effective	Encoding Guide	Date effective	IENC Validation Checks	Date effective
2.0		1.0	Oct 2005		
	---	1.1	Oct 2006		
	---	1.2	Dec 2006		
2.1		1.3	Feb 2008		
	---	1.3.1	May 2008	2.1	June 2010
2.2	Feb 2010	2.2.0	Feb 2010		
2.3	Jun 2011	2.3.5	Mar 2013	2.3	Jun 2011
		2.3.6	Jan 2014	2.3 corr. 1	Dec 2013
IEHG-101 (to be aligned with S-101)	TBD				



Alignment of “IEHG-101” with IHO S-101

- ✦ At IEHG 11, several IHO S-101 development-related matters were discussed.
 - The IEHG plans to use complex attributes for the future Inland ENC
 - The new S-101 information type could be used to provide accuracy information about different features
 - The development of an IENC Portrayal Domain will be based on the portrayal domain for S-101 ENCs.
 - The IEHG intends to use the S-100 Feature Catalogue Builder
- ✦ In 2014, the IEHG intends to begin work on the alignment of “IEHG-101” with the draft IHO S-101



Inland ENC Website

- ✦ All Inland ENC publications and functions are hosted at a consolidated Inland ENC site (<http://ienc.openecdis.org>)
- ✦ Key publications include:
 - IENC Product Specification, Ed. 2.1/2.2/2.3 (May 2011)
 - Recommended Validation Checks for Inland ENCs, Ed. 2.1/2.3 (June 2013)
- ✦ The site also contains:
 - Information about the work of the IEHG (Terms of Reference, Annual Meeting Minutes, presentations, etc.)
 - Status of IENC coverage and availability (as reported)



Action required of HSSC

- ✦ Note the activities related to Inland ENC standards development and implementation.

