

## DQWG 4<sup>th</sup> Meeting Helsinki, 14 - 17 June, 2011

### DQWG Work programme

[Approved by the HSSC2 meeting 26-29 October 2010]

#### Annex A

#### DQWG Proposed Work Plan

#### DQWG Tasks

**A** Review ISO 19113, Geographic Information-Quality Principles, ISO 19114, Geographic Information-Quality Evaluation Procedures, and ISO 19115, Geographic Information - Metadata and propose relevant enhancements and amendments for incorporation in S-100.

**B** Monitor and further develop quality indicators for hydrographic data.

**C** Review and revise as needed existing S-57 quality indicators, including the education of both the mariner and the cartographer, and the development of documentation.

**D** Review and revise as needed the presentation of data quality, as provided in S-52 and its Presentation Library.

**E** Investigate ways of ensuring that ECDIS displays provide a clear warning or indication to the mariner on the quality of the underlying survey data, through appropriate use of the attribute CATZOC and/or improvement of the existing display capabilities.

**F** Propose new data quality topics and other applications for consideration by HSSC.

Task	Work Item	Priority H-high M-medium L-low	Next Milestone	Start Date	End Date	Status P-planned O-ongoing C-completed	Contact Person(s)	Affected Pubs/ Standards	Remarks
A	Review ISO documentation	L		2010	-	P	DQWG	S-100	Not yet started. Will start once resource become available.
B.1	Review what quality indicators are routinely populated in ENC's by HOs	H	Questionnaire published to HOs	2009	2010	C	DQWG	-	Obtain base line of what attributes are captured and why others are not <b>Completed CL17/2010.</b>
B.2	Review how CATZOCs are populated by HOs for legacy data	H	Questionnaire published to HOs	2009	2010	C	DQWG	-	Obtain base line of what criteria for historic and current surveys result in what CATZOC allocation <b>Draft sent to IHB August 2010.</b>
C.1	Revise CATZOC definitions	H		2008	2009	C	DQWG	S-57	Completed CL32/2009
C.2	Review Resolution B1.2 of M-3	H		2009	2009	C	DQWG	M-3	Completed CL43/2009
D.1	Identify mariners perception of quality and quality indicators	H		2010	2011	P	DQWG	-	Questionnaire to understand mariners perception of data quality and how they react to it. <b>Suitable mariners being investigated. Draft to be prepared over next few months.</b>
E.1	Investigate ways to portray data quality to the mariner	H	Requires B.1, B.2 and D.1 to be complete	2010	2011	O	DQWG	-	Possible subject for MSc thesis. <b>MSc student has adopted this as his thesis.</b>
E.2	Demonstrate methods to mariners	H	Follows from E.1	2010	2012	P	DQWG	S-57, S-100	Build possible methods into ENC and ECDIS to demonstrate effectiveness
F.1	Investigate areas of quality concern (other than survey / bathymetry)	M		2010	-	P	DQWG	-	Investigate the merit of supplying quality attributes to other elements of ENC and other publications e.g. sailing directions. Paper being presented to HSSC by Sweden.