

8. DQWG WORK PLAN 2014-15

8.1 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 "IHO Universal Hydrographic Data Model" (IHO Task 2.5.2)
B	Monitor and further develop quality indicators for hydrographic data (IHO Task 2.5.2)
C	Maintain and extend as needed existing quality indicators in S-57 "IHO Transfer Standard for Digital Hydrographic Data", including the education of both the mariner and the cartographer, and the development of documentation (IHO Task 2.5.2)
D	Maintain and extend as needed the presentation of data quality, as provided in S-52 "Specifications for Chart Content and Display Aspects of ECDIS" and its Presentation Library (IHO Task 2.5.2)
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 (IHO Task 2.5.2)
F	Propose new data quality topics and other applications for consideration by HSSC (IHO Task 2.5.2)
G	Maintain and extend data quality related elements of S-100 "IHO Universal Hydrographic Data Model" (IHO Task 2.5.2)
H	Maintain and extend data quality related elements of S-101 "ENC Product Specification" and other S-100-based Product Specifications (IHO Task 2.5.2)
I	Conduct the annual meetings of DQWG (IHO Task 2.5.1)

Work Item	Title	Priority H-High M-Medium L-Low	Next Milestone	Start Date	End Date	Status P-Planned O-Ongoing C-Completed S-superseded	Contact Person(s)	Related Pubs / Standards	Remarks
A.1	Review ISO 19113, 19114, 19115 and 19157 and make recommendations for inclusion in S-100	M		2010	Permanent	O	DQWG	S-100	Ongoing task to keep S-100 data quality in line with ISO standards.
B.4	Develop the hierarchy approach by formalizing the hierarchy and the algorithm that drive the display	H	TSMAD 27	2013	2014	O	Mike Prince	S-101	To be completed for submission to TSMAD 28.

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C.4	Investigate possible methods for how to educate practicing mariners on data quality issues.	H	DQWG8	2010	2015	O	DQWG		Investigate in liaison with training institutions the adequacy of existing HOs' documentation on the quality aspects of the practical use of ENCs. IHO CL 51/2013 issued on this topic. To include the recommendations of HSSC5-INF4, interface with IMO/HTW (Action HSSC5/45 refers).
E.1	Develop logic for indicators in current and proposed approaches.	H	DQWG8	2010	2014	O	Mike Prince	-	To be completed for submission to TSMAD 28.
E.2	Demonstrate methods to mariners.	H	Follows S-100 demonstrator	2012	2014	O	DQWG	S-101	Build possible methods into ENC and ECDIS to demonstrate effectiveness.
E.3	Demonstrate methods to mariners	H	Follows E.1	2014	2015	P	C Howlett		Consider using the Singapore Strait Marine Electronic Highways (MEH) project as a test case (Action HSSC5/47 refers).
F.1	Investigate areas of quality concern (other than survey / bathymetry)	M	DQWG8	2010	Permanent	O	Eivind Mong	-	SNPWG has responded, liaison is ongoing.
H.1	Establish contact with other working groups to investigate scope of data quality items for the S-10x standards (e.g. TSMAD for S-102)	M		-	-	P			To specifically seek contact and collaboration with the TWLWG to include data quality elements into dynamic tide / water levels (Action HSSC5/46 refers).

8.2 DQWG Meetings (Task I)

Date	Location	Activity
5 Nov 2010	Rostock, Germany	DQWG 3
14-17 Jun 2011	Helsinki, Finland	DQWG 4
15-18 Nov 2011	IHB, Monaco	DQWG 5
24-26 Jul 2012	Silver Spring, MD, USA	DQWG 6
16-18 Jul 2013	Fredericton, New Brunswick, Canada	DQWG 7
25-27 Mar 2014	Wollongong, Australia	DQWG 8

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