

**IHO HYDROGRAPHIC SERVICES & STANDARDS COMMITTEE (HSSC)
1st Meeting, Singapore, 22-24 October 2009**

LIST OF ACTIONS FROM HSSC1 AND STATUS

AGENDA ITEM	SUBJECT	ACTION No.	ACTIONS (in bold, action by)	STATUS (Mar.10)
3	Product Specification for Digital Paper Charts	HSSC1/1	IHB/TSMAD Chair to remove Task A.9 “ <i>Develop S-57 to paper chart functionality and Print-on-Demand (POD) file transfer guidelines</i> ” from the TSMAD Work Plan.	Done
3	Data Supply Chain Certification	HSSC1/2	RTCA Correspondence Group (RTCA, Germany, Canada, Australia, USA, UK, Chile, Portugal, and Norway) invited to continue studies on Data Supply Chain Certification and provide a further report to HSSC2 with any compelling evidence on its necessity, particularly for value-added products, and a proposal for implementation within the IHO.	In progress; to be reported to HSSC2.
3	Length of coastlines	HSSC1/3	France invited to continue to lead a correspondence group on the development of a standardised approach to the determination of the length of coastlines and report to HSSC2.	In progress; to be reported to HSSC2.
3	S-66 <i>Facts about Electronic Charts and Carriage Requirements</i>	HSSC1/4	IHB to complete the revision of <i>Facts about Electronic Charts and Carriage Requirements</i> , and circulate it as an IHO publication as soon as possible	Done (CL 05/2010). Published as S-66.
4.2	Virtual Aids to Navigation and AIS Binary Messages	HSSC1/5	IHB to monitor the development of virtual Aids to Navigation and AIS Binary Messages, in liaison with IALA, and report to HSSC2.	In progress; IHB will prepare a paper for HSSC2.
4.2	Cooperation with IOC-WMO JCOMM	HSSC1/6	IHB to write a letter to the IOC-WMO Joint Committee on Oceanography and Marine Meteorology (JCOMM) to encourage working relations with HSSC on matters of common interest, e.g. S-100.	Done (IHB Letter of 24 October 2009)
6.1	MEP Product Specification	HSSC1/7	IHB/TSMAD Chair to remove Work Item D “ <i>Develop Marine Environment Protection Programme based on S-100</i> ” from the TSMAD Work Plan.	Done
6.1	MEP Product Specification	HSSC1/8	IHB/SNPWG Chair to include a new low priority Work Item in the SNPWG Work Plan to address the remaining work in former TSMAD Work Item D “ <i>Develop Marine Environment Protection Programme based on S-100</i> ”.	Done
6.1	UN-DOALOS Product Specification	HSSC1/9	TSMAD to continue assisting UN-DOALOS in the development of an S-100 compliant product specification for a Law of the Sea feature code directory.	In progress; to be reported to HSSC2.
6.1	UN-DOALOS Product Specification	HSSC1/10	TSMAD Chair to inform the Secretary of ABLOS of the ongoing development of an S-100 compliant product specification on a Law of the Sea feature code directory.	Not known
6.1	Recommendations for Consistent ENC Data Encoding	HSSC1/11	IHB to include in S-65, Annex A, Appendix 1, the revised “ <i>Specific SCAMIN Step Values for Object and Attribute Combinations</i> ”, as contained in Annex B to HSSC1-06.1A, and seek MS approval of the resulting new edition of S-65. (see also Action HSSC1/34)	Done (CLs 80/2009 and 13/2010)
6.1	ToR/RoP for TSMAD	HSSC1/12	IHB to include in IHO Publication M-3 “ <i>Resolutions of the IHO</i> ”, the revised TSMAD Terms of Reference (TR K2.21), as contained in Annex A to HSSC1-06.1A.	Done
6.1	Geospatial Information Infrastructure (GII)	HSSC1/13	TSMAD to develop as a high priority work item detailed operational processes and business rules for S-100 register management and report to HSSC2.	In progress; to be reported to HSSC2.
6.1	Maintenance of IHO Standards	HSSC1/14	IHB to seek MS approval of the revised IHO Resolution A1.21 “ <i>Principles and Procedures for Making Changes to IHO Technical Standards and Specifications</i> ”, based on Annex C of HSSC1-06.1B, taking into account the discussions held at HSSC1 on the Hydrographic Dictionary, and other special cases, such as S-4.	To be discussed further at HSSC2.

AGENDA ITEM	SUBJECT	ACTION No.	ACTIONS (in bold, action by)	STATUS (Mar.10)
6.1	Publication of S-100	HSSC1/15	IHB to seek MS approval of S-100 " <i>Universal Hydrographic Data Model (UHDM)</i> " as an active standard to be effective from 1 January 2010.	Done (CLs 70/2009 and 83/2009)
6.1	Auxiliary Informational Layer Integration	HSSC1/16	IHB/TSMAD Chair to add to the TSMAD Work Plan the following medium priority Work Item: " <i>Develop an S-10X product specification for 'Auxiliary Informational Layer Integration'</i> ".	Done
6.1	Grid referencing system for S-100	HSSC1/17	IHB/TSMAD Chair to add to the TSMAD Work Plan the following low priority Work Item: " <i>Investigate a suitable grid referencing system for S-100</i> "	Done
6.1	Standard for the transmission of real-time tidal data	HSSC1/18	IHB/TWLWG Chair to add to the TWLWG Work Plan the following high priority Work Item " <i>Develop a Standard for the transmission of real-time tidal data</i> ".	Done
6.3	New edition of S-52	HSSC1/19	IHB to seek MS approval of Edition 6 of S-52.	Done (CLs 87/2009 and 24/2010)
6.3	Maintenance of the IHO Presentation Library	HSSC1/20	IHB to arrange contract support to continue the maintenance / improvement of the IHO Presentation Library on ECDIS and the development of the S-100 Portrayal Register.	Ongoing
6.3	ToR/RoP for DIPWG	HSSC1/21	IHB to include in IHO Publication M-3 " <i>Resolutions of the IHO</i> ", the revised DIPWG Terms of Reference (TR K2.26), as contained in Annex D to HSSC1-06.3A.	Done
6.3	Maintenance of the IHO Presentation Library	HSSC1/22	IHB/DIPWG Chair to release Colours & Symbols Maintenance Document No. 7.	Done (IHB letter S3/8151/DIPWG of 12 November 2009 to ECDIS stakeholders)
6.3	Traditional symbols for ECDIS and Portrayal of nautical publications in ECDIS	HSSC1/23	IHB/DIPWG Chair to add to the DIPWG Work Plan the following Work Items " <i>Investigate enhancing the appearance of existing traditional paper chart symbols used in ECDIS by modifying their size, shape and colour</i> " (low priority) and " <i>Develop symbology for portrayal of nautical publications in ECDIS</i> " (medium priority)	Done.
6.5	ToR/RoP for regional charting groups	HSSC1/24	IHB/ CSPCWG Chair to incorporate the Terms of Reference and Rules of Procedure for Regional International Charting Coordination Working Groups (ICCWG), as contained in HSSC1-06.5C, in S-11 Part A, taking into account the comments made by the Committee.	Done (CLs 86/2009 and 23/2010)
6.5	Updating the INT Chart Catalogue	HSSC1/25	IHB , on behalf of HSSC, to write to INT chart coordinators, encouraging them to forward to the IHB updates to S-11 part B " <i>Catalogue of INT Charts</i> ".	Done (CL 86/2009)
6.6	DQWG WP	HSSC1/26	Sweden invited to compile a list of parameters other than bathymetry, for DQWG to address, and report to HSSC2.	In progress; to be reported to HSSC2.
6.7	Guidance to HOs on Marine SDIs	HSSC1/27	IHB to seek MS' approval of new IHO Publication " <i>Spatial Data Infrastructures: The Marine Dimension - Guidance for Hydrographic Offices</i> ", as contained in Annex 1 to HSSC1-06.6A.	Done (CLs 78/2009 and 09/2010). Published as C-17.
6.7	SDI Capacity Building material	HSSC1/28	IHB to post on the IHO website the MSDI supporting information contained in Annexes 2, 3, 4 and 5 of HSSC1-06.5A.	Done
6.7	ToR/RoP for MSDI	HSSC1/29	IHB to include in IHO Publication M-3 " <i>Resolutions of the IHO</i> ", the revised MSDIWG Terms of Reference (TR K2.45), as contained in Annex G of the HSSC1 Minutes.	Done
6.9	HDWG membership	HSSC1/30	IHB to invite MS to nominate representatives for HDWG.	Done (CL 73/2009)
6.9	Inland Navigable Waters	HSSC1/31	IHB to seek MS approval of the definition for " <i>Inland Navigable Waters</i> ", as contained in Annex D to HSSC1-06.9A, as amended.	Done (CLs 74/2009 and 91/2009)

AGENDA ITEM	SUBJECT	ACTION No.	ACTIONS (in bold, action by)	STATUS (Mar.10)
6.9	HDWG procedure	HSSC1/32	IHB to seek MS approval of amended Resolution K3.3 "Hydrographic Dictionary (S-32)", as contained in Annex A to HSSC1-06.9B. IHB to adjust proposed revision of resolution A1.21 (Action HSSC1/14) to agree with amended K3.3.	First part done (CL 26/2010). Second part: see Action HSSC1/14.
6.9	ToR/RoP for HDWG	HSSC1/33	IHB to include in IHO Publication M-3 "Resolutions of the IHO", the revised HDWG Terms of Reference (Resolution K2.32), as contained in Annex C to HSSC1-06.9A.	Done
6.10	Guidelines for encoding T & P ENC updates	HSSC1/34	IHB to include in S-65, as a new Annex B, the "Guidelines for encoding Temporary and Preliminary ENC updates", as contained in Annex B to HSSC1-06.10A, and seek MS approval of the resulting new edition of S-65. (see also Action HSSC1/11)	Done (CLs 80/2009 and 13/2010)
6.10	Appendix 1 of S-52	HSSC1/35	EUWG to develop a revised version of Appendix 1 to S-52 "Guidance for ENC Updating", for inclusion in S-65.	In progress; to be reported to HSSC2.
6.10	ToR/RoP for EUWG	HSSC1/36	IHB to include in IHO Publication M-3 "Resolutions of the IHO", the revised EUWG Terms of Reference (TR K2.47), as contained in Annex A to HSSC1-06.10B.	Done
6.10	Use of S-57 New Objects in place of CNTARE	HSSC1/37	IHB/TSMAD Chair to add to the TSMAD Work Plan the following medium priority Work Item: "Study the possibility to encode information features as New Objects (see S-57 supplement) to avoid caution area objects (CNTARE) in some cases, e.g. to encode T&Ps"	Done
6.10	EUWG membership	HSSC1/38	IHB to invite MS to nominate suitably experienced representatives for the new work of the EUWG.	Done (CL 04/2010)
7.2	Generic Product Specification for MIO	HSSC1/39	IHB/TSMAD Chair to add to the TSMAD Work Plan the following medium priority Work Item: "Develop a template Product Specification for Marine Information Overlays (MIO)"	Done
7.3	ToR/RoP for ABLOS	HSSC1/40	IHB to include in IHO Publication M-3 "Resolutions of the IHO", the revised ABLOS Terms of Reference (TR K2.20), as contained in Annex C to HSSC1-07.3A.	Done
9.	HSSC WP	HSSC1/41	IHB to update the HSSC Work Plan (HSSC1-09A) to include all relevant decisions of HSSC1, and post it on the IHO website.	Done
10.	ToR/RoP for all HSSC WGs – nine weeks clause	HSSC1/42	IHB to include in all HSSC WG terms of reference the "nine week moratorium" clause, as contained in Annex A to HSSC1-10A, and amend IHO Publication M-3 "Resolutions of the IHO" accordingly.	Done
11.	TALOS Manual and S-44	HSSC1/43	IHB to include C-51 "TALOS Manual" and S-44 "IHO Standards for Hydrographic Surveys" in the next issue of the "Status Report on IHO Publications on Standards, Specifications and Guidelines"	Done (see HSSC2-INF1)
12	Next meeting	HSSC1/44	IHB and Germany to coordinate the organization of HSSC2 (Rostock, Germany, 28-30 October 2010).	In progress