## 2<sup>nd</sup> IHO-HSSC Meeting Rostock, Germany, 26-29 October 2010

## LIST OF ACTIONS FROM HSSC1 AND STATUS

| AGENDA<br>ITEM | SUBJECT   | ACTION<br>No. | ACTIONS<br>(in bold, action by)  | STATUS<br>(Oct.10)                       |
|----------------|---|---------------|--|--|
| 3              | Product<br>Specification for<br>Digital Paper Charts                  | HSSC1/1       | <b>IHB/TSMAD Chair</b> to remove Task A.9 "Develop S-57 to paper chart functionality and Print-on-Demand (POD) file transfer guidelines" from the TSMAD Work Plan.   | Done                                     |
| 3              | Data Supply Chain<br>Certification                                    | HSSC1/2       | <b>RTCA Correspondence Group</b> (RTCA, Germany,<br>Canada, Australia, USA, UK, Chile, Portugal, and<br>Norway) invited to continue studies on Data Supply<br>Chain Certification and provide a further report to<br>HSSC2 with any compelling evidence on its necessity,<br>particularly for value-added products, and a proposal for<br>implementation within the IHO. | Done. See HSSC2-03C.                     |
| 3              | Length of coastlines  | HSSC1/3       | <b>France</b> 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.   | Done. See HSSC2-03D.                     |
| 3              | S-66 Facts about<br>Electronic Charts<br>and Carriage<br>Requirements | HSSC1/4       | <b>IHB</b> to complete the revision of <i>Facts about Electronic</i><br><i>Charts and Carriage Requirements</i> , and circulate it as<br>an IHO publication as soon as possible  | Done (CL 05/2010).<br>Published as S-66. |
| 4.2            | Virtual Aids to<br>Navigation and AIS<br>Binary Messages              | HSSC1/5       | <b>IHB</b> to monitor the development of virtual Aids to<br>Navigation and AIS Binary Messages, in liaison with<br>IALA, and report to HSSC2.  | Done. See HSSC2-07.1A.                   |
| 4.2            | Cooperation with<br>IOC-WMO JCOMM                                     | HSSC1/6       | <b>IHB</b> to write a letter to the IOC-WMO Joint Committee<br>on Oceanography and Marine Meteorology (JCOMM) to<br>encourage working relations with HSSC on matters of<br>common interest, e.g. S-100.  | Done (IHB Letter of 24<br>October 2009)  |
| 6.1            | MEP Product<br>Specification  | HSSC1/7       | <b>IHB/TSMAD Chair</b> to remove Work Item D "Develop<br>Marine Environment Protection Programme based on S-<br>100" from the TSMAD Work Plan.   | Done                                     |
| 6.1            | MEP Product<br>Specification  | HSSC1/8       | <b>IHB/SNPWG Chair</b> to include a new low priority Work<br>Item in the SNPWG Work Plan to address the remaining<br>work in former TSMAD Work Item D " <i>Develop Marine</i><br><i>Environment Protection Programme based on S-100</i> ".   | Done                                     |
| 6.1            | UN-DOALOS<br>Product<br>Specification                                 | HSSC1/9       | <b>TSMAD</b> 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<br>Product<br>Specification                                 | HSSC1/10      | <b>TSMAD Chair</b> 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<br>for Consistent ENC<br>Data Encoding                | HSSC1/11      | <b>IHB</b> to include in S-65, Annex A, Appendix 1, the revised<br>"Specific SCAMIN Step Values for Object and Attribute<br>Combinations", as contained in Annex B to HSSC1-<br>06.1A, and seek MS approval of the resulting new<br>edition of S-65. (see also Action HSSC1/34)  | <b>Done</b> (CLs 80/2009 and 13/2010)    |
| 6.1            | ToR/RoP for<br>TSMAD  | HSSC1/12      | <b>IHB</b> 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<br>Information<br>Infrastructure (GII)                     | HSSC1/13      | <b>TSMAD</b> to develop as a high priority work item detailed operational processes and business rules for S-100 register management and report to HSSC2.  | Done. See HSSC2-05.1B.                   |

| AGENDA<br>ITEM | SUBJECT   | ACTION<br>No. | ACTIONS<br>(in bold, action by)   | STATUS<br>(Oct.10)   |
|----------------|---|---------------|---|--|
| 6.1            | Maintenance of IHO<br>Standards   | HSSC1/14      | IHB to seek MS approval of the revised IHO Resolution<br>A1.21 "Principles and Procedures for Making Changes<br>to IHO Technical Standards and Specifications", based<br>on Annex C of HSSC1-06.1B, taking into account the<br>discussions held at HSSC1 on the Hydrographic<br>Dictionary, and other special cases, such as S-4.                   | To be discussed at HSSC2.<br>See HSSC2-04B   |
| 6.1            | Publication of S-100  | HSSC1/15      | <b>IHB</b> 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.   | <b>Done</b> (CLs 70/2009 and 83/2009)  |
| 6.1            | Auxiliary<br>Informational Layer<br>Integration   | HSSC1/16      | <b>IHB/TSMAD Chair</b> 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<br>system for S-100  | HSSC1/17      | <b>IHB/TSMAD Chair</b> 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      | <b>IHB/TWLWG Chair</b> to add to the TWLWG Work Plan<br>the following high priority Work Item "Develop a<br>Standard for the transmission of real-time tidal data".   | 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<br>IHO Presentation<br>Library   | HSSC1/20      | <b>IHB</b> 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<br>DIPWG  | HSSC1/21      | <b>IHB</b> 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<br>IHO Presentation<br>Library   | HSSC1/22      | <b>IHB/DIPWG Chair</b> to release Colours & Symbols Maintenance Document No. 7.   | Done (IHB letter<br>S3/8151/DIPWG of 12<br>November 2009 to ECDIS<br>stakeholders) |
| 6.3            | Traditional symbols<br>for ECDIS and<br>Portrayal of nautical<br>publications in<br>ECDIS | HSSC1/23      | <b>IHB/DIPWG Chair</b> to add to the DIPWG Work Plan the<br>following Work Items "Investigate enhancing the<br>appearance of existing traditional paper chart symbols<br>used in ECDIS by modifying their size, shape and<br>colour" (low priority) and "Develop symbology for<br>portrayal of nautical publications in ECDIS" (medium<br>priority) | Done.  |
| 6.5            | ToR/RoP for<br>regional charting<br>groups  | HSSC1/24      | IHB/ CSPCWG Chair to incorporate the Terms of<br>Reference and Rules of Procedure for Regional<br>International Charting Coordination Working Groups<br>(ICCWG), as contained in HSSC1-06.5C, in S-11 Part A,<br>taking into account the comments made by the<br>Committee.   | <b>Done</b> (CLs 86/2009 and 23/2010)  |
| 6.5            | Updating the INT<br>Chart Catalogue   | HSSC1/25      | <b>IHB</b> , 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      | <b>Sweden</b> invited to compile a list of parameters other than bathymetry, for DQWG to address, and report to HSSC2.  | Done. See HSSC2-05.6B.   |
| 6.7            | Guidance to HOs on<br>Marine SDIs   | HSSC1/27      | <b>IHB</b> to seek MS' approval of new IHO Publication<br>"Spatial Data Infrastructures: The Marine Dimension -<br>Guidance for Hydrographic Offices", as contained in<br>Annex 1 to HSSC1-06.6A.   | <b>Done</b> (CLs 78/2009 and 09/2010). Published as C-17.                          |
| 6.7            | SDI Capacity<br>Building material   | HSSC1/28      | <b>IHB</b> to post on the IHO website the MSDI supporting information contained in Annexes 2, 3, 4 and 5 of HSSC1-06.5A.  | Done   |

| AGENDA<br>ITEM | SUBJECT  | ACTION<br>No. | ACTIONS   | STATUS<br>(Oct.10)  |
|----------------|--|---------------|---|---|
| 6.7            | ToR/RoP for MSDI                                   | HSSC1/29      | (in bold, action by)<br>IHB to include in IHO Publication M-3 "Resolutions of   | Done (Oct. 10)  |
| 0.7            | TOR/ROP for MSDI                                   | HSSC 1/29     | <i>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      | <b>IHB</b> to invite MS to nominate representatives for HDWG.   | Done (CL 73/2009)   |
| 6.9            | Inland Navigable<br>Waters                         | HSSC1/31      | <b>IHB</b> to seek MS approval of the definition for " <i>Inland</i><br><i>Navigable Waters</i> ", as contained in Annex D to HSSC1-<br>06.9A, as amended.  | <b>Done</b> (CLs 74/2009 and 91/2009)                                 |
| 6.9            | HDWG procedure                                     | HSSC1/32      | <b>IHB</b> to seek MS approval of amended Resolution K3.3<br><i>"Hydrographic Dictionary (S-32)"</i> , as contained in Annex<br>A to HSSC1-06.9B. <b>IHB</b> to adjust proposed revision of<br>resolution A1.21 (Action HSSC1/14) to agree with<br>amended K3.3.                | First part done (CL 26/2010).<br>Second part: see Action<br>HSSC1/14. |
| 6.9            | ToR/RoP for HDWG                                   | HSSC1/33      | <b>IHB</b> to include in IHO Publication M-3 <i>"Resolutions of the IHO"</i> , the revised HDWG Terms of Reference (Resolution K2.32), as contained in Annex C to HSSC1-06.9A.  | Done  |
| 6.10           | Guidelines for<br>encoding T & P<br>ENC updates    | HSSC1/34      | <b>IHB</b> to include in S-65, as a new Annex B, the<br><i>"Guidelines for encoding Temporary and Preliminary ENC updates"</i> , as contained in Annex B to HSSC1-<br>06.10A, and seek MS approval of the resulting new<br>edition of S-65. (see also Action HSSC1/11)          | <b>Done</b> (CLs 80/2009 and 13/2010)                                 |
| 6.10           | Appendix 1 of S-52                                 | HSSC1/35      | <b>EUWG</b> to develop a revised version of Appendix 1 to S-<br>52 " <i>Guidance for ENC Updating</i> ", for inclusion in S-65.   | In progress. See HSSC2-<br>05.10A.                                    |
| 6.10           | ToR/RoP for EUWG                                   | HSSC1/36      | <b>IHB</b> to include in IHO Publication M-3 <i>"Resolutions of the IHO"</i> , 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<br>Objects in place of<br>CNTARE   | HSSC1/37      | <b>IHB/TSMAD Chair</b> to add to the TSMAD Work Plan the following medium priority Work Item: " <i>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&amp;Ps"</i> | Done  |
| 6.10           | EUWG membership                                    | HSSC1/38      | <b>IHB</b> to invite MS to nominate suitably experienced representatives for the new work of the EUWG.  | Done (CL 04/2010)   |
| 7.2            | Generic Product<br>Specification for<br>MIO        | HSSC1/39      | <b>IHB/TSMAD Chair</b> to add to the TSMAD Work Plan the following medium priority Work Item: " <i>Develop a template Product Specification for Marine Information Overlays (MIO)</i> "   | Done  |
| 7.3            | ToR/RoP for<br>ABLOS                               | HSSC1/40      | <b>IHB</b> to include in IHO Publication M-3 <i>"Resolutions of the IHO"</i> , the revised ABLOS Terms of Reference (TR K2.20), as contained in Annex C to HSSC1-07.3A.   | Done  |
| 9.             | HSSC WP  | HSSC1/41      | <b>IHB</b> 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<br>HSSC WGs – nine<br>weeks clause | HSSC1/42      | <b>IHB</b> to include in all HSSC WG terms of reference the<br><i>"nine week moratorium"</i> clause, as contained in Annex A to HSSC1-10A, and amend IHO Publication M-3<br><i>"Resolutions of the IHO"</i> accordingly.  | Done  |
| 11.            | TALOS Manual and S-44                              | HSSC1/43      | <b>IHB</b> to include C-51 "TALOS Manual" and S-44 "IHO<br>Standards for Hydrographic Surveys" iin the next issue<br>of the "Status Report on IHO Publications on Standards,<br>Specifications and Guidelines"  | Done (see HSSC2-INF1)   |
| 12             | Next meeting                                       | HSSC1/44      | <b>IHB and Germany</b> to coordinate the organization of HSSC2 (Rostock, Germany, 28-30 October 2010).  | Done  |