

**27th TSMAD Meeting  
IHB, Monaco (2-5 December 2013)  
List of Actions**

| No | Reference | Action  | By       | Status |
|----|-----------|---|----------|--------|
| 1  | 4.1.1     | TSMAD to take into consideration the comments reported in paper HSSC5-INF2 (Appendix to Annex A), for inclusion in the next edition of the Use of the Object Catalogue (S-57, Appendix B.1, Annex A). BG noted that TSMAD needs to develop a paper for the next HSSC dealing with NEWOBJ. |          |        |
| 2  | 4.1.1     | TSMAD to finalize the draft edition 3.0.0 of S-64 at TSMAD-27 (December 2013)   | TR / BG  |        |
| 3  | 4.1.1     | TSMAD Chair to provide IHB with a clean copy of the draft edition 3.0.0 of S-64 for posting on the IHO website as a familiarization version.  | BG       |        |
| 4  | 4.1.1     | IHB to seek HSSC approval of the draft edition 3.0.0 of S-64 by correspondence through HSSC Circular Letter before end of October 2014 (in line with the publication of the new edition of IEC 61174). (IHB)  | IHB      |        |
| 5  | 4.1.1     | TSMAD to finalize the draft edition 5.0.0 of S-58 at TSMAD27, in accordance with the guidance provided at HSSC-5. (RF)  | RF       |        |
| 6  | 4.1.1     | TSMAD, in liaison with DIPWG, to provide the IHB with a statement of requirements for developing a feature catalogue builder. (JP)  | JP       |        |
| 7  | 4.1.1     | TSMAD Chair to incorporate in the draft S-101 Value Added Roadmap the comments expressed during HSSC-5. Needs a few minor changes? (JP)   | JP       |        |
| 8  | 4.1.1     | TSMAD chair to include an additional item in the TSMAD work plan to review the S-101 Value Added Roadmap annually. (JP)   | JP       |        |
| 9  | 4.1.1     | TSMAD chair to include an additional item in the TSMAD work plan to review the S-100 Master Plan annually. Needs to be completed and will be reviewed annually at HSSC. (BG / IHB)  | BG / IHB |        |
| 10 | 4.1.1     | TSMAD chair to consider the impact of the recommendations contained in HSSC5-05.1F (S-101 impact study) on the S-101 Value Added Roadmap. The paper submitted to HSSC5 is to be completed with some modifications. (BG / JP)  | BG / JP  |        |
| 11 | 4.1.1     | TSMAD to include the KHOA S-101 test bed program as part of the TSMAD S-101 test plan strategy. (JP).   | JP       |        |
| 12 | 4.1.1     | TSMAD to assist the TWLWG in the development of a tidal product specification for navigational surface and for tidal data transfer; that could be used for generating dynamic water levels and navigational surfaces in ECDIS. (??)   | ???      |        |
| 13 | 4.1.1     | TSMAD to consider the impact of introducing Service Lifecycle Management (SLM) in the S-101 Roadmap and S-100 Master Plan. To be discussed at the next (TSMAD27) meeting (BG).  | BG       |        |
| 14 | 4.1.1     | Commence work on the S-58 checks for S-101, and provide a report and recommendation if the checks should be part of S-101 or a separate document for consideration at the TSMAD28 meeting (RF).   | RF       |        |
| 15 | 4.4.3A    | Refer the issue concerning digital signatures (that are to be used for the authentication process in S-101) to the DPSWG for their consideration and report back. This should also take account of other S-100 based product specifications. (BG)   | BG       |        |

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| 16 | 4.4.3A | Develop a paper outlining the options for S-101 catalogue versioning in ECDIS. The paper should be based on the the concepts in paper TSMAD26-10.5 and should be for consideration at the TSMAD28 meeting. (BG).                        | BG                      |  |
| 17 | 4.4.7  | Insert the agreed to specifications on multiple dataCoverages for S-101 into the draft document. There should be no more than 3 data coverages per cell. Investigate using a step approach. (JP)  | JP                      |  |
| 18 | 4.5.1  | Request the DPSWG chairman to extend the proposals on implementing auxiliary files in S-101, (that was reported as TSMAD26 action item 33). This is to be submitted to the TSMAD 28 meeting. (DPSWG Chair / RF)                         | DPSWG<br>Chair /<br>RF  |  |
| 19 | 4.5.1  | TSMAD sub WG is to be formed to investigate producing documentation on the implementation and use of compositions, aggregations and associations for inclusion in the DCEG and S-101. (AT, JP, JW).                                     | AT / JP /<br>JW         |  |
| 20 | 4.5.2A | Report to the DQWG that the proposals in paper TSMAS27-4.5.2.A have been accepted by TSMAD and request DQWG to use the proposed concepts as the baseline for developing the portrayal of quality information in ECDIS. (SL)             | SL                      |  |
| 21 | 4.5.2A | Develop paper for the next TSMAD/DIPWG meeting proposing how Lakes, Rivers, Canals, Lock Basins and Dock areas on LNDARE should be encoded and portrayed. (FR)  | FR                      |  |
| 22 | 4.5.2A | Remodel the concept for inshore and offshore (structures on the land and on the sea). (JW/RF)   | JW / RF                 |  |
| 23 | 4.5.2A | Amend the UOC for coastline references dock area. (JW)  | JW                      |  |
| 24 | 4.5.2A | Develop a paper on how to deal with overlapping survey areas (including swept areas). The paper is for submission to the March 2014 DCEG meeting. (SL)  | SL                      |  |
| 25 | 4.5.2B | A sub WG is to be formed to complete the work on modeling lights information for S-101. This work is to be based on paper TSMAD27-4.5.2B and must be coordinated with the IALAs modeling work for lights information. (JW, SL, GU, HA). | JW / SL<br>/ FR /<br>HA |  |
| 26 | 4.7.1  | Provide the IHB with the final text of S-58 Edition 5. Circulate the new edition to Member States for approval (RF / IHB).  | RF / IHB                |  |
| 27 | 4.8.1A | Include a revised version of the table from the S-58 Logical Consistency check 1780, in the UOC. (JW) The table is to expanded to include the "attribute value" and "name". (JP)  | JP                      |  |
| 28 | 4.8.1B | Revise paragraph 1 of the UOC section 6.3.2 to make it consistent with the proposed amendment to the UOC section 6.2.1 that are proposed in paper TSMAD27-4.8.1. (JW / RF)  | JW / RF                 |  |
| 29 | 4.8.1B | Produce an Encoding Bulletin providing guidance on "areas to be avoided" as proposed in paper TSMAD27-4.8.1B. (JW)  | JW                      |  |
| 30 | 4.8.2  | Write a requirements specification for how the DCEG should be managed in the future. (JP / JW).   | JP / JW                 |  |
| 31 | 4.3.1A | Completed S-100 Edition 2.0 as proposed in paper 4.3.1.A for consideration by HSSC6. (BG).  | BG                      |  |
| 32 | 6.1    | The S-102 sub WG is to implement the changes identified in the latest version of the BAG specification (by the Open Navigational Surface WG). WL to lead the sub-WG, and TSMAD members invited to contribute.                           | WL                      |  |

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| 33 | INF1   | Discuss the issues raised in the INF 1 paper (on data quality) with their home offices and report any comments they may have to the DQWG. | ALL |  |
| 34 | 4.11.1 | The S-100 maintenance group are to ensure that FOID is made optional in S-100 and ISO 8211.   | HB  |  |
| 35 | 4.3.3  | Refer the new metadata Part 4 (in paper 4.3.3) to the S-100 maintenance working group for inclusion in S-100 Edition2.0.                  | JP  |  |