Hydrographic Services and Standards Committee

Report of the

TSMAD WG – 2012

Barrie Greenslade

UKHO, Chair TSMAD WG

Principal activities and achievements

✦ Meetings

– TSMAD 23 – Wellington, NZ

– TSMAD 24 – Monaco

– Joint TSMAD/IALA e-Nav Workshop – UK

– TSMAD DCEG Sub-WG Meeting – Wollongong, Australia

– TSMAD DCEG Sub-WG Meeting –, Monaco

✦ S-102 ed 1.0.0 was published April 2012

✦ New version of the Use of the Object Catalogue completed

Problems or outstanding issues

✦ The absence of a S-100 Portrayal module will potentially delay S-101. In addition to this there are other organizations taking up S-100 who will have the same problem

✦ Available resources versus expectations

Status of Work Items

✦ S-100

  – Interest in and use of continues to increase

  – Intention of a version 2.0.0 in 2013 to include

    – Corrections based on development of product specification

    – Part 9 Portrayal

✦ S-102 - Bathymetric Surface Product Specification

  – Published April 2012

Status of Work Items

- S-101
  - Phase 1 – complete
  - Phase 2 – complete
  - Phase 3 – complete
  - Phase 4 – ongoing, anticipated completion date January 2013, but dependant on the completion of S-100 Part 9 – Portrayal
  - Data Classification and Encoding Guide (Equivalent to S-57 UoC)
    - A significant part of S-101 which will be completed on time, but will be subject to constant review during the test period
    - Implementation Rules is an annex which will document how data must be used or displayed in ECDIS

Status of Work Items

✦ S-101 Impact Study

– On line survey closes end of October

– Returns for the survey to date are:

  – HOs = 50

  – Software Producers = 20

  – Mariners = 49

  – ECDIS Manufactures = 21

  – RENCs and VARs =10

  – Ship Owners = 29

– Full report will follow after TSMAD have reviewed the results

Status of Work Items

- **S-57 - Appendix B1, Annex A Use of the Object Catalogue**
  - New version prepared to include numerous encoding bulletins published since the last edition

- **S-64 - IHO Test Data**
  - New edition in preparation including a more comprehensive set of test data.
  - Meeting with stakeholders in October to discuss new framework
  - Two polar data sets will be available shortly for stakeholder review and comment before including in the new edition.

Status of Work Items

✦ S-58 Recommended ENC Validation Checks

- 425 Checks restructured into Critical Errors, Minor Error and Warnings

- 75% of checks reworded using programmatic syntax

- 80% of 425 checks encoded in new test data sets

- Ongoing consideration is being given on how to ensure ENCs are validated to a minimum standard based on the Critical Error category of checks

- Scheduled to be completed for endorsement by HSSC5

Status of Work Items

* Liaison with other organizations

  - IALA

    - IHB hosted e-Navigation workshop, Feb 2012.

    - TSMAD assist the development of a draft guide to developing S-100 based product specifications

  - EU BLAST Project

    - UK TSMAD rep presented on S-100 at BLAST Conference in Belgium

  - Singapore e-Navigation Workshop

    - UK TSMAD rep presented on S-100 at workshop hosted by Norwegian Coastal Administration and the Singapore MPA

  - ISO TC211

    - IHO sign MOU with ISO

    - TSMAD through IHB rep continues to attend and monitor activities

Action requested of HSSC

* The HSSC is invited to

    - note this report and approve the continuance of the Work Plan.

    - **endorse** S-57 Appendix B1 Annex A(UoOC) edition 3.1.0.

    - **recommend** to MS that S-57 Appendix B1 Annex A(UoOC) edition 3.1.0 be adopted forthwith to replace the existing edition 3.0.0 dated January 2011