

**7th CSPCWG MEETING  
Simon's Town, South Africa 23-26 November 2010**

**Report from HSSC2 – Notes by CSPCWG Chairman  
(Chart Standardization and Paper Chart Working Group)**

**Submitted by:** Chairman

**Executive Summary:** A brief summary report noting items of principal interest

**Related Documents:** Report and Actions List of HSSC2, Rostock, October 2010 (IHO CLxx/2010 to be issued).

**Related Projects:** CSPCWG Work Plan

**Introduction / Background**

1. These notes provide a brief summary report of the second meeting of the Hydrographic Standards and Services Committee (HSSC2), hosted by Germany, 26-29 October 2010. They are for information only and limited to those issues that are most closely related to CSPCWG's activities.
2. This report is not intended to summarise all the matters discussed, nor to replace the official meeting Record and Actions List that will be distributed to Member States (MS) by IHO Circular Letter.
3. Where possible, technical WG Chairmen represent their respective WGs at HSSC, whilst attending as part of their national delegations. For HSSC2, a number of WG chairmen delivered their reports by proxy or, for EUWG, remotely by telephone.
4. CSPCWG's report was presented by the Chairman (see CSPCWG7-04.1A).
5. The meeting was attended by 26 IHO MS including some national hydrographers. A further 9 participants came from industry and international affiliated bodies.

**Analysis/Discussion**

6. The following HSSC2 items are brought to CSPCWG's attention:
  - 6.1 All previous actions placed on CSPCWG have been completed or are incorporated into the Work Plan. In particular:
    - CHRIS Action 20/24: CSPCWG to develop guidelines for preparation & maintenance of small / medium scale ENC schemes.

= Work Plan item B3

Unfortunately, little substantive progress has been made to date on this work item. All are requested to forward any documents &/or references known to them that may assist the Chairman in progressing this work item. (RCG / ICCWG Coordinators will also be approached shortly.)

## **ACTION (repeat of CSPCWG6 action 4)**

- HSSC Action 1/24: IHB/CSPCWG to incorporate Terms of Reference and Rules of Procedure for Regional International Charting Coordination WGs (ICCWG), into S-11 Part A.

= Completed by edition 2.003, March 2010

(CLs 86/2009 and 23/2010 refer).

ICCWG TORs have been adopted by Baltic Sea HC, North Sea HC and are anticipated to be shortly by MACHC and SWPHC.

### 6.2 The Committee HSSC2:

- Accepted the Chairman's report
- Endorsed the continued activity of CSPCWG
- Endorsed the CSPCWG's Work Plan (reviewed in detail at CSPCWG6, December 2009, and updated to August 2010).

The Work Plan will be subject to further review and revision at agenda item 13.

6.3 In respect of the applicability of V-AIS technology for Aids to Navigation (AtoN), several observers (RCTA, IALA, CIRM) questioned whether this would gain IMO approval. IALA convened a workshop in January 2010; another is planned for January 2012.

6.4 Working Groups' Terms of Reference (TOR) and impact of HSSC2-04B proposal (further to IHO Resolution 2/2007 - formerly A1.21).

- CSPCWG TOR continue to include (at paragraph 2 of CSPCWG TOR, Authority) its procedural mechanism to directly and efficiently obtain MS' approval, via IHB, by IHO Circular Letter. According to the HSSC proposal, S-4 is now the only exception (paragraph 19 of HSSC2-04B) to the requirement of explicit HSSC approval for changes to IHO technical standards. This 'special case' exists until we complete the current major revision of S-4 (in ~2012?). Our TOR will need an annotated comment such that, in the future, we acknowledge the requirements of this HSSC2 approval mechanism, assuming it is approved by MS.
- Procedures for technical standards classifies changes as 'new edition', 'revision' and 'clarification'. (Most CSPCWG revisions likely to be classed as 'revisions'.) May need to amend format of edition numbering to ed x.x.x
- The role of HSSC is to endorse standards and changes to them, to ensure they have been achieved safely and appropriately (eg process, consultation).
- IHB will prepare for MS approval by CL.

### **Noted for Agenda Item 5**

6.5 HSSC's input to the Strategic Planning process was sought in advance of the 2012 IH Conference, for the plan 2012-17. Also, the means of monitoring the IHO's performance through defined Performance Indicators. View was to keep simple and limited in number acknowledging there is lots of good activity already occurring (eg WG meetings, CLs, levels of participation, location of meetings etc).

6.6 TSMAD reported:

- The prospective S-58 draft edition 4.2, for Dec 10 (Recommended ENC Validation Checks - including EXPSOU / EB27)
- S-99 Operational Procedures for GI Registry v1.0.0 Jan 2011 (a plain language explanation of S100 guidelines and principles; Registry, registers and control bodies; product specifications such as S-101); to satisfy not just hydro but potentially other wider user communities and domains (eg Port, Inland, Ice, IALA)
- Procedures for dealing with encoding issues particularly for safety-related issues (the relevance of EB, CL, NAVAREA, email)
- Reopening the Use of the Object Catalogue (UOC) was approved

6.7 Good liaison from CSPCWG acknowledged by DIPWG chairman (Digital Imagery Portrayal).

6.8 SNPWG (Nautical Publications) reported their use in S-64 (Test ENC datasets for ECDIS) of INT3 ('Micklefirth') to model NP-type data. Thus an external need to maintain INT3 for new features and amendments following our S-4 revision.

**Noted for Agenda Item 11**

6.9 DQWG (Data Quality) making steady but slow progress on quality presentation issues, including further discussions at meeting after Hydro2010. A CL will be issued to seek enhanced support for this WG with a meeting planned for June 11, probably in Helsinki.

6.10 HDWG (Hydrographic Dictionary) reported:

- Revised entries for S-32. IHB emphasised that HSSC was to consider whether 'due process' had been undertaken, and not the detail of the individual terms and definitions, which were the remit of the WG itself. I envisage a similar process will be appropriate for CSPCWG revisions when brought under the remit of change procedures for all IHO technical standards.
- 'Index numbers' used in printed versions of S-32 are no longer to be quoted in other documents as these are now obsolescent.

**Secretary reports that there are none in S-4**

6.11 EUWG (ENC Updating) reported:

- Although WG deemed 'temporary', its work remains ongoing (review of S-52 App1), thus need to continue and report to HSSC3
- Its primary task is to look at updating methods (eg status of the application of T&P NMs in ENCs where users may be confused by different approaches of HOs', relationship of S-65 and UOC). IHB will confirm by CL.
- Improved guidance is now able to cite the principles in the recently published S-4 B-600 (Chart Maintenance section), edition 4.000 September 2010, where applicable to both paper and digital charting

6.12 A number of invited HSSC2 INF (Information) Papers may be of interest:

- INF4 (The Port ENC) Dieter Seefeldt, Port of Hamburg (DE) describing a concept between the maritime and the inland ENC. Requires high

precision and accuracy (>S-44 special order, +0.1m, scale ~1:500) (eg for quay walls, fenders); maybe a new Product Specification; new objects (eg for dockyard infrastructure, including detailed 'topography')?

- INF5 (A 3D Nautical GIS) Thomas Porathe, University of Malardalen (SE) describing the 'pros and cons' of a 3D (slant), egocentric, conning, head-up view compared to the conventional chart's exocentric, north-up, plan view. His dissertation is available at [www.diva-portal.org](http://www.diva-portal.org). US stated the former 'Harbour View' is now 'Global Port Infrastructure Data'.
- INF8 (Anomalies in ECDIS) citing ECDIS-user experiences made known to UK as examples of a complex system and its maintenance. Paper co-sponsored for IMO MSC will raise profile further.

### **Justification and Impacts**

7. CSPCWG Chairman to continue representing the WG at HSSC:
  - by providing a report of the WG's activities;
  - seeking endorsement of the WG's Work Plan, including new work items and relative priorities;
  - raising issues of wider interest for the Committee's attention, as required.

### **Action required of CSPCWG**

8. The CSPCWG is invited to note this report.