



Hydrographic Services and Standards Committee

Report of the Nautical Cartography Working Group
to HSSC8

14-18 November 2016, Monaco

Mikko Hovi, Chair NCWG

Principal activities and achievements (1)

- ✦ Membership

- 29 Member States
- 4 Expert Contributor Organisations

- ✦ Meetings

- NCWG2, April 2016, Monaco



Principal activities and achievements (2)

- ✦ Maintain and extend S-4 (A), Development of new (and revised) symbology (D)
 - Edition 4.6.0 published, April 2016
 - Edition 4.7.0 proposed
 - Includes ca. 18 revised and 14 clarified clauses
 - Action Required: HSSC to approve the new and amended clauses (revisions) for S-4 (HSSC8-05.5B)
 - Further revisions and clarifications being discussed



Principal activities and achievements (3)

✦ Emerging topics

- Portrayal of depth quality indicators for bathymetry on ECDIS
- Portrayal of newly modelled concepts/features in S-101



Principal activities and achievements (4)

- ✦ Maintenance of S-4 supplementary publications INT 1, 2 & 3 (E)
 - INT1 English version (DE), Edition 8, July 2015
 - INT1 French version (FR), Edition 6, April 2016
 - INT1 Spanish version (ES), Edition 5, November 2015
 - Edition 6 planned 2017



Principal activities and achievements (5)

- INT2, Edition 4, 2007 (NL)
- INT3, Edition 5, 2011 (UK)
 - No longer to be printed
 - Continues to be available as PDF



Principal activities and achievements (6)

- ✦ Maintain and extend S-11 Part A (B)
 - A draft edition has been developed to include guidance on ENC Scheming
 - HSSC7 considered the draft, but determined that further work was required to restructure it
 - NCWG has revised the draft for HSSC to approve (HSSC8-05.5C)



Principal activities and achievements (7)

- ✦ S-11 Part A, edition 3.0.0
 - New structure
 - Section 100 Guidance for the Preparation and Maintenance of International (INT) Chart Schemes
 - Section 200 Guidance for the Preparation and Maintenance of ENC Schemes
 - Aimed to serve especially the regional INT Chart Coordinators / ICCWGs as 'the one' publication



Principal activities and achievements (8)

- ✦ Other items regarding S-11 Part A
 - NCWG proposes to retain S-11 Part A, Annexes A (Potential Printer Nations) and B (Paper sizes), however these should be moved to S-11 Part B
 - NCWG proposes to move from bilingual S-11 Part A to separate English and French versions, to be consistent with other IHO publications



Principal activities and achievements (9)

✦ Progress on HSSC Action Items

- HSSC7/18 – Ongoing
- HSSC7/20 – Ongoing
- HSSC7/21 – Done
- HSSC7/22 – Done
- HSSC7/40 – Done



Problems or outstanding issues

- ✦ Retirement of both the Chair and Vice-Chair may impact continuity
- ✦ The future of the paper chart (A16)
 - Half day discussion session held after NCWG2
 - Former chair took an action to collate the factors discussed. Unfortunately this action has not been completed.



Any Other Items to Note for Consideration

- ✦ Use of English for Notices to Mariners
 - Complaints received that some countries only publish NMs in their national language
 - NMs should also be issued in English, in compliance with IHO S-4 B-631.4 and B-510.4 and IMO SOLAS Regulation V/14
 - Recommendation: A reminder of this should be included in the IHO CL reporting on the outcome of HSSC8



Any Other Items to Note for Consideration

- ✦ Basic quality assurance check list for review of INT charts
- ✦ INT1 Symbol Repository



Action requested of HSSC (1)

- ✦ The HSSC is invited to:
 - Note this report
 - Endorse the continued activity of the WG
 - Approve the Work Plan
 - Approve the proposed revisions to S-4 Edition 4.6.0 at paper HSSC8-05.5B; and submission of Edition 4.7.0 to IHO Member States via IHO CL for approval to publish



Action requested of HSSC (2)

- ✦ The HSSC is invited to:
 - Approve the draft revision of S-11 Part A as included in paper HSSC8-05.5C for submission to IHO Member States for publication
 - Agree to move the current S-11 Part A Annexes to S-11 Part B, and publish separate English and French versions of S-11 Part A
 - Agree to issue a reminder to Member States of the use of English for Notices to Mariners

