



Hydrographic Services and Standards Committee

Report of the NCWG

(IHO Nautical Cartography Working Group)

to HSSC 7

09-13 November 2015, Busan, Republic of
Korea

Prepared by Mr Jeff Wootton (NCWG Chair)

Principal activities and achievements

- ✦ Maintained high level of engagement in the WG
 - 30 Member States represented + 3 industry representatives (Annex A)
 - > 20 responses to CSPCWG Letters (18 Letters in reporting period)
- ✦ Meetings
 - NCWG1, Rostock, Germany, April 2015
 - INT1 Sub-WG (short meeting in conjunction with NCWG1)
- ✦ CSPCWG → NCWG
 - Election of Officers
 - Revised Terms of Reference and Procedures (Annexes B and C)



Principal activities and achievements (2)

✦ S-4

- Preparation of Edition 4.6.0 (HSSC6-05.6D)

✦ INT1 revision (DE, ES, FR, WG Secretary)

- English (DE) Oct 2015; Spanish Nov 2015; French Jan 2016

✦ S-11 Part A

- Draft prepared by NSEHWG and submitted for NCWG review April 2015.
- NCWG review conducted by correspondence (NCWG Letters 6 and 14/2015 and Letter from IHB the INT Chart Coordinators/ICCWG).
- Feedback from Chile – advice required from HSSC (HSSC7-05.6E).



Problems or outstanding issues

- ✦ Data Quality: Indicators for chart users
- ✦ S-4 and IHO Resolution 2/2007
- ✦ Information Overlay Services (new Work Items approved at HSSC6).
- ✦ The future of the paper chart
- ✦ The future of S-4 as the chart specifications of the IHO



Future work programme

- ✦ Standards, symbols, specifications: e.g. “light pipe” aids to navigation; sub-categorisation of restricted areas (previously discussed by TSMAD); suspended underwater pipelines; INT1 Section V
- ✦ S-11 Part A (including its Annexes)
- ✦ Lessons learned from marine incidents
- ✦ Advice: ICCWGs; MS; capacity building
- ✦ Meeting NCWG2, IHB, Monaco, April 2016



Action requested of HSSC

- ✦ **Note** the NCWG Report to HSSC7: HSSC7-05.6A
- ✦ **Endorse** continued activity of the WG supporting:
 - Standardisation and currency of nautical charts
 - Guidance to chart compilers, including Capacity Building
 - Nautical cartography principles across chart formats
 - Forward-looking review of status of the paper chart
- ✦ **Approve** the draft Terms of Reference at Annex B
- ✦ **Approve** the CSPCWG Work Plan at Annex E
- ✦ **Approve** the proposed revisions to S-4 Edition 4.5.0 at paper HSSC7-05.6D; and submission of Edition 4.6.0 to IHO Member States via IHO CL for approval to publish.



Action requested of HSSC (2)

- ✦ **Discuss** the draft revision of S-11 Part A as included in paper HSSC7-05.6E and related response from Chile, and **advise** NCWG of a way forward.
- ✦ **Note** the concerns of the NCWG over the interpretation and application of IHO Resolution 2/2007
- ✦ **Note** that recommendation 3 included in paper HSSC6-05.5D is not within the remit of the NCWG, and is being addressed by the WENDWG and the IRCC.
- ✦ **Approve** the establishment of a Project Team under the NCWG, operating under the draft Terms of Reference and Work Plan at Annex D, to further investigate the future style and content of S-4 (to be activated post-HSSC8).



Action requested of HSSC (3)

- ✦ **Approve** the addition of a new Work Item in the NCWG Work Plan to investigate the options for subdividing the categories and associated restrictions of restricted area in association with former TSMAD Work Item.

