

Hydrographic Services and Standards Committee

Report of the Nautical Cartography WG

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International Hydrographic Organization
Organisation Hydrographique Internationale

HSSC-11, Cape Town, South Africa, 6 - 9 May 2019

Main Tasks

- Maintain and extend S-4 [A]
- Develop new and revised symbology [D]
- Maintain INT1, INT2, INT3 [E]
- Maintain and extend S-11 Part A [B]
- Provide technical assistance to other IHO working groups and support regarding the implementation of S-100 Product Specifications [H]
- Conduct meetings of NCWG [G]



Membership and Meetings

- Membership
 - 29 Member States
 - 3 Expert Contributor Organizations
- Meetings [G]
 - NCWG4, 6 - 9 November 2018 , The Hague, NL
 - Next meeting NCWG5, 5 - 8 November 2019, Stockholm, SE



Principal activities and achievements (1)

- Maintain and extend S-4 [A], Development of new (and revised) symbology [D]
 - Edition 4.8.0 published, October 2018
 - Available in English, French and Spanish
 - Updated guidance on vertical datums (ref amended Res 3/1919) [A30]
 - Revised guidance on digital repromats [A31]
 - Future of the paper chart [A16]
 - Ref. HSSC11-05.4B
 - New and revisited topics considered at NCWG4 included
 - Submarine cables (ICPC)
 - Satellite derived bathymetry
 - Ballast water management areas
 - Offshore solar parks
 - Minimum size of isolated shoals
 - Fixed-and-flashing light characters
 - Distinction between foul ground and obstruction
 - Definition of wreck's depth and swept depth over it



Principal activities and achievements (2)

- Maintenance of S-4 supplementary publications INT 1, 2 & 3 [E]
 - INT1 [E1]
 - English version (DE), Edition 9, August 2018
 - French version (FR), Edition 6, April 2016
 - Publication of next edition in progress
 - Spanish version (ES), Edition 6, April 2018
 - New Section V on data quality under consideration [E9]
 - Included now in UK NP5011
- INT2, Edition 4, 2007 (NL)
- INT3, Edition 5, 2011 (UK)



Principal activities and achievements (3)

- Progress on HSSC Action Items
 - HSSC10/6 – In progress [H2]
 - HSSC10/42 – Done (IHO CL40/2018)
 - HSSC10/43 – In progress [A26]
 - HSSC10/44 – Done
 - HSSC10/47 – In progress (NCWG)
 - HSSC10/56 – Done [A29]



Problems or outstanding issues

- Germany has expressed a wish to handover their responsibility for the English language version of INT1 a new volunteer HO
 - See also HSSC11-05.4C



Other items to note: Marine Incidents

- Grounding of Nova Cura
 - NCWG observations
 - Importance of passing new information to primary charting authority
 - Limitations on depicting light sectors on ECDIS with S-57 ENC
- Grounding of Muros
 - NCWG observations
 - Possible relation between alarm fatigue and ENC encoding practices



Work Plan 2019-2020

- Updated work plan
 - Items completed
 - A30 - Check the impact of the IHO Resolution 3/1919 as amended on S-4 when it is approved
 - A31 – Revise S-4 A-500 for digital repromat
- Action required: HSSC to approve the Work Plan



Action requested of HSSC

- HSSC is invited to
 - **Note** this report
 - **Approve** the Work Plan

