



Hydrographic Services and Standards Committee

# Report of the SCWG

to HSSC 7

November 2015

# Principal activities and achievements

- ✦ The 3<sup>st</sup> and last meeting of the SCWG took place at the Office of the Hydrographic and Oceanographic Department of Japan Coast Guard (JHOD) in Tokyo, from 13 to 15 May 2015.
- ✦ The meeting was attended by 16 representatives from 7 IHO Member States, the IHB and expert contributors from the Center for Coastal and Ocean Mapping of the University of New Hampshire (UNH), SPAWAR Atlantic, Jeppesen and SevenCs/Chartworld.



# Principal activities and achievements

- ✦ The SCWG received presentations on:
  - JHOD current information service, the current prediction software and the S-111.
  - Surface Current Data Product Specification - test-bed software developed by the Korean Hydrographic and Oceanographic Administration (KHOA),
  - The oceanographic forecast service of the Service Hydrographique et Océanographique de la marine (SHOM),
  - Surface current rendering and development work on S-111 and visualization by SPAWAR Atlantic,
  - Bridge systems and external data provision to support EDCDIS and ENC's by Jeppesen.



# Principal activities and achievements

- ✦ The majority of the meeting was devoted to the revision and further development of the draft S-111 Product Specification document.
- ✦ The SCWG devoted significant time to the revision of the metadata and harmonization with ISO and S-100 standards.
- ✦ It was agreed that trial S-111 compatible surface current datasets in the HDF5 format should be produced later this year for further testing and evaluation.



# Problems or outstanding issues

- ✦ As a result of the reorganization of the subordinate bodies of the HSSC, the 3rd meeting was the last meeting of the SCWG before its work is taken forward as part of the expanded Tides, Water Level and Currents Working Group (TWCWG)
- ✦ Some coordination effort to continue in 2016-2017 to join SCWG and TWLWG in order to establish TWCWG.
- ✦ TWCWG proposed TOR now includes physical oceanographic data in addition to tides, water levels and currents
- ✦ Having one group to look after S-111 and S-112 will ensure product specifications are coherent.



# Future work programme

- ✦ The future members of TWCWG established a Work Plan for the period 2016-2017 inline with proposed TWCWG Terms of Reference , all of which are submitted to HSSC 7 for endorsement.



# Action requested of HSSC

- ✦ a. note this report
- ✦ b. approved the proposed amendments to the TWCWG Terms of Reference
- ✦ c. appoint the TWCWG to commence its work under the revised Terms of Reference
- ✦ d. endorse the draft Work Plan

