

IHO S-100 Working Group

# Report of the Nautical Cartography WG

Mikko Hovi, Chair NCWG



# Membership and Meetings

---

- Membership

- 27 Member States
- 4 Expert Contributor Organizations

- Meetings

- NCWG3, 16 - 19 May 2017 , Redlands, CA, US
- Next meeting NCWG4, 6 - 9 November 2018, The Hague, NL



# Main Tasks

---

- Maintain and extend S-4
- Develop new and revised symbology
- Maintain INT1, INT2, INT3
- Maintain and extend S-11 Part A
- Provide technical assistance to other IHO working groups and support regarding the implementation of S-100



# S-4

---

- Edition 4.7.0 published, July 2017
- Edition 4.8.0 submitted for HSSC10 for endorsement
  - Includes 6 revisions and 5 clarifications



# Select S-4 amendments (4.8.0)

---

- Revised clauses (pending HSSC approval)
  - Extended use of 'yacht' symbol
  - New islet symbol
  - Magnetic variation
  - Planes of reference
- Deleted clause (pending HSSC approval)
  - LORAN



# Select S-4 amendments (4.8.0)

---

- Clarifications (approved by NCWG)
  - Colour of floodlighting
  - Anchor berths
  - Limits of larger scale (ENC) chart
  - Compass roses



# S-4 supplementary publications INT 1, 2 & 3

---

- INT1
  - English version (DE), Edition 8, July 2015
  - French version (FR), Edition 6, April 2016
  - Spanish version (ES), Edition 5, November 2015
  - Publication of next editions planned for 2018
  - New Section V on data quality
- INT2, Edition 4, 2007 (NL)
- INT3, Edition 5, 2011 (UK)



# S-11 Part A

---

- Edition 3.0.0 published, June 2017
  - Extended to include guidance on ENC Scheming
  - 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
- Edition 3.1.0 published, February 2018
  - Includes the ‘Basic quality assurance check-list for review of INT charts’





# Other topics

---

- The future of the paper chart
  - In progress, target HSSC11
- New S-101 symbols
  - Task to identify possible features that require new symbols to be created
- Rule-based cartography
  - Stronger emphasis will be given to the ability to automate chart production
  - This will be done on an on-going basis when developing new and revised guidance



# Action requested of S100WG

---

- HSSC is invited to
  - **Note** this report

