

# Hydrographic Services and Standards Committee

## Report of the ENC Display Sub Working Group

Activities since ENCWG2 (March 2017, Genoa, Italy)



# Brief history of the ENC Display Sub WG (ENCD-SWG)

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- Paper S-100WG2-11.7\_ENC\_Display\_Issues.pdf submitted by France at S-100WG2, ENCWG2 (March 2017) and NCWG2 (May 2017).
  - Creation of the ENCD-SWG (led by France – Christian Mouden).
- Welcomed by HSSC9 (Nov. 2017) which placed it under the ENCWG (Decision – HSSC9/14).
- Creation of a Basecamp (May 2017) to share file and discussions.
- 22 organizations:
  - ✓ 13 Hydrographic Offices (Australia, Brazil, Canada, France, Denmark, Estonia, Finland, Italy, Japan, Korea, Norway, UK, USA);
  - ✓ IHO Secretariat;
  - ✓ 2 RENCs: IC-ENC, PRIMAR;
  - ✓ 3 OEMs: Furuno, Sevenc's, Transas;
  - ✓ 3 Expert Contributors: IALA, IIC Technologies, Geomod.
- Basecamp open to voluntary participants (contact: christian.mouden@shom.fr)



# Activities

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- Screenshots (S-52 PL 4.0.2) and comments collected until 10 March 2018.
- All issues and comments gathered in an XLS sheet.
- XLS sheet was the base for paper ENCWG3-5.1: *"Improvement of ENC display on ECDIS"*.
- Issues that could only be solved in S-101 have been excluded from the paper (passed to the S-101PT).
- 24 issues in paper ENCWG3-5.1 (2 general + 22 specific)



# Scope of the ENCD-SWG

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- A major action is to decide what are going to produce:
  - ✓ New edition of the S-57 UOC?
  - ✓ A guidance document for the HOs?
  - ✓ A new edition of the S-52 Presentation Library?
- A new edition of the S-52 Pres\_Lib?
  - ✓ In favour: S-57/S52 ENCs on the market for at least 15 years.
  - ✓ Against: a new edition is a long and heavy process.

Should ENCD-SWG ask advice from HSSC?



# General issues

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- General issue 1: ENC content

- ✓ ENC content  $\neq$  from paper chart content (“ENC First” scenario?)
- ✓ How should we set SCAMIN? Should we change the current UOC rule?
- ✓ How should CSCL be set? (change recommendation in the UOC?)
- ✓ Need for ECDIS view in the production tools.

- General issue 2: SCAMIN

- ✓ Different rules between HOs.
- ✓ Manual population of SCAMIN based on case by case study?
- ✓ Too many SCAMIN steps?



# Specific issues

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See details in paper ENCWG3-5.1

Will be discussed in a break-out session



# Actions required from ENCWG

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- Decide (or refer to HSSC) the scope of the changes (S-57 UOC, S-52 Presentation Library?) to be considered by the ENC Display SubWG;
- Discuss in detail the general and specific issues identified;
- Ask the ENC Display SubWG to draft (work by correspondence) the changes needed.
- Consider the future work of the ENCD-SWG.
- Consider the relations between the ENC Display SubWG and the S-101PT.



# ANY QUESTIONS?

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# THANK YOU

Any questions?

