

Agenda for 5th NCWG MEETING
5-8 November 2019, Stockholm, Sweden

Please assemble at 0915 for 0930 start (Tuesday) and 0845 for 0900 start (other days).
 Close by approximately 1630 (1300 on Friday).

1. **Welcome, Introductions and Administrative Arrangements**
2. **Approval of Agenda**
Docs: NCWG5-02A – Agenda v1.3
3. **Status of Actions from NCWG4**
Docs: NCWG5-03A – Status of actions (Sec)
4. **Matters arising from HSSC**
 - 4.1. Notes from HSSC11 **(Chair)**
 - 4.2. Actions from HSSC11 **(Chair)**
 - 4.3. Report from S-100WG **(Chair)**
 - 4.4. Report from ENCWG **(Chair)**
 - 4.5. Report from NIPWG **(IHO Sec)**
 - 4.6. Report from DQWG **(DQWG Chair)**
Docs: NCWG5-4.6A Report from DQWG
NCWG5-04.6B Using data quality for safe navigation
5. **NCWG Administration and Work Plan**
 - 5.1. Review of Terms of Reference and Detailed Procedures **(Chair)**
 - 5.2. Summary of progress, items completed **(Sec)**
Doc: NCWG5-05.2A Work plan: Summary of progress
6. **S-4 Chart Specifications, New and revised symbology**
 - 6.1. Future of Paper Chart [Work item A16] **(Harmon)**
Docs: NCWG5-06.1A Future of Paper Chart (Colby)
NCWG5-06.1B Future of paper chart: Management plan (Colby)
NCWG5-06.1C Results of the Future of the paper nautical chart Survey of IHO member states. (Colby)
NCWG5-06.1D Discussion on the future of the paper chart from another perspective (CN)
 - 6.2. Future of S-4 [A28] **(Chair)**
 - 6.3. Protocol for considering portrayal requirements [A26] **(Chair)**
 - 6.4. Update INT charting region D and E limits **(FI)**
Docs: NCWG5-06.4A Proposal to update limit between charting region D and Charting Region E to S-4, A204.8 (FI)
 - 6.5. Automated production of paper charts from ENC's **(Chair)**
 - 6.6. Consider issue of distinguishing between obstructions and foul ground **(FR, AU)**
Docs: NCWG5-06.6A Distinction between obstructions and foul grounds (AU)
 - 6.7. Swept wreck depths **(NL)**
 - 6.8. Emergency contact details **(IN)**
Docs: NCWG5-06.8A Recommendation to add emergency contact details to charts. (IN)
 - 6.9. IALA FFL light characteristics **(US /Sec / IHO)**
 - 6.10. WIG Craft **(KO)**
Docs: NCWG5-06.10A WIG Craft (KO)
 - 6.11. Portrayal of Indonesia ASL in TSS **(ID)**
Docs: NCWG5-06.11A Portrayal of Indonesia ASL in TSS (ID)
 - 6.12. Guidelines for coloured CATZOCS **(NL)**

Docs: NCWG5-06.12A Guidelines for coloured CATZOCS (NL)

7. INT 1 / 2 / 3

- 7.1. Report from Secretary of INT1 subWG [E1] **(Sec)**
Docs: NCWG5-07.1 Report from INT 1 subWG (Sec)
- 7.2. Future options for INT 1 **(Sec)**
Docs: NCWG5-07.2 Future options for INT 1 (Sec)

8. S-11 Part A

9. Liaison with other working groups

- 9.1. S-101 Portrayal **(Chair)**
- 9.2. Harmonised portrayal between data products used in the interoperability mode of ECDIS **(Chair)**
Docs: NCWG5-09.2A Portrayal harmonisation (Chair)
- 9.3. Mariners Guide to Accuracy of Depth Information ENCS **(Chair)**
Docs: NCWG5-09.3A – S-67 Mariners guide to Accuracy of depth information in Electronic navigational charts (Chair)

10. Lessons learned from Marine Incidents

11. Review of Actions and Work Plan

- 11.1. Review of Meeting Actions
- 11.2. New items for Work Plan

12. INF papers, reports and Any Other Business

- 12.1 Unexploded Ordnance **(UK)**
Docs: NCWG5-12.1A INF Definition of exceptional circumstances to chart unexploded ordnance (UK)
- 12.2 Paper chart maintenance efficiency improvements presentation **(UK)**
Docs: NCWG5-12.2A INF – UKHO's omission of detail program (UK)
- 12.3 ICA Marine Cartography Commission **(ICA)**
- 12.4 International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers **(ICA)**
- 12.5 US plans for future of US paper chart series **(US)**
Docs: NCWG5-12.5A INF- US plans for future of NOAA paper charts (US)
NCWG5-12.5B INF – NOAA Custom Chart application (US)
- 12.6 Paper charts from ENCs – the need for a new standard **(AU)**
Docs: NCWG5-12.6A INF – Paper charts from ENCs – The need for a new standard (AU)
- 12.7 S-100 portrayal harmonization project **(KO)**
Docs: NCWG5-12.7A INF- S100 portrayal harmonization project (KO)
- 12.8 Seaweed cultivation – **(UK)**
Docs: NCWG5-12.8A INF – Seaweed cultivation (UK)

13. Date and location of next meetings

NCWG6 - November 2020 – Cadiz, Spain
NCWG7 - November 2021 (tbd)

14. Closure of meeting