## 5. ENCWG WORK PLAN 2022-23

**Tasks**

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| A | Maintain S-52 “Specifications for Chart Content and Display Aspects of ECDIS” and its associated “Presentation Library” (IHO Task 2.4.1) |
| B | Maintain S-57 “IHO Transfer Standard for Digital Hydrographic Data”, including ENC Product Specification (IHO Task 2.4.2) |
| C | Maintain S-58 “Recommended ENC validation checks” (IHO Task 2.4.3) |
| D | Maintain S-61 “Product Specification for Raster Navigational Charts” (IHO Task 2.4.4) |
| E | Maintain S-64 “IHO Test Data Sets for ECDIS” (IHO Task 2.4.6) |
| F | Maintain S-65 “ENC Production, Maintenance and Distribution Guidance” (IHO Task 2.4.7) |
| G | Assess the impact of other IHO standards on S-52 display specifications (IHO Task 2.4.1) |
| H | Liaise with the NIPWG and the NCWG (IHO Task 2.1) |
| I | Maintain the ENC production and portrayal sections of the IHO website (IHO Task 2.4) |
| J | Conduct the 2021 and 2022 meetings of ENCWG and its sub-group(s) and project team(s) (IHO Task 2.1) |
| K | Maintain S-66 “Facts about electronic charts and carriage requirements – (IHO Task 2.4.8) |
| L | Consider the development of high density contour lines related to ENCs (IHO Task 2.4) |
| M | Maintain and monitor the existing S-63 standard (IHO Task 2.4.5) |
| N | Develop IHO Cyber Security Guideline |

**Work items**

| **Work item** | **Title** | **Priority** H-high M-medium L-low | **Next milestone** | **Start**  **Date** | **End**  **Date** | **Status** P-planned O-ongoing C-completed S-Superseded | **Contact Person(s)** | **Related Pubs / Standard** | **Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A.1 | Maintain S-52 - Specifications for Chart Content and Display Aspects of ECDIS | H | Next meeting |  | Permanent | O | Chair/Sec ENCWG | S-57 |  |
| A.2 | Resolve any problems or errors identified in the current editions of S-52 Presentation Library and S-64 ENC Test Datasets | H |  |  | Permanent | O | Chair/Sec ENCWG | S-57, S-64 | Generally OEMs going through type approval with ECDIS will identify areas for clarification or correction |
| B.1 | Maintain S-57 “IHO Transfer Standard for Digital Hydrographic Data, including ENC Product  Specification” | H |  |  | Permanent | O | Chair/Sec ENCWG | S-52, S-58 |  |
| B.2 | Resolve any problems or errors identified in the current edition of S-57 | H |  |  | Permanent | O | Chair ENCWG | S-57 |  |
| B.4 | Maintain the ENC portrayal sections of the IHO website. | M |  |  | Permanent | O | Chair/Sec ENCWG |  |  |
| B.5 | S-57 to S-101 Conversion. Improving encoding rules with additional attribution to support automated conversion tools | H |  | Oct 2020 |  | C | Christian Mouden  Jonathan Pritchard | S-57 UOC | Edition 1.0 added to S-65 as Annex B |
| C.1 | Resolve any problems or errors identified in the current edition of S-58 | H |  |  | Permanent | O | Richard Fowle |  |  |
| C.2 | Monitor the implementation of the new edition of S-58 and keep the recommended checks up to date | H |  | Oct-2020 |  | C | Richard Fowle | S-57 | New work item, HSSC 12 approved NE of S-58  Edition 7.0.0 ready for publication |
| E.1 | Resolve any problems or errors identified in the current edition of S-64 | H |  |  | Permanent | O | Chair/Sec ENCWG |  |  |
| F.1 | Monitor and assess proposals for amending S-65 | L |  |  | Permanent | O | Chair/Sec ENCWG |  |  |
| G.1 | Liaise with IEC TC80 to ensure that future editions of IEC 61174 are compatible with standards maintained by ENCWG | M |  |  | Permanent | O | Chair/Sec ENCWG | S-52, IEC 61174 |  |
| H.1 | Liaise with the NIPWG and the NCWG | H |  |  | Permanent | O |  |  |  |
| I.1 | Maintain the ENC production and portrayal sections of the IHO website, and support FAQ and Encoding Bulletins | H |  |  | Permanent | O | Chair / IHO Sec |  |  |
| K.1 | Maintain S-66 Publication |  |  |  | Permanent | O | Chair / IHO Sec |  |  |
| M.1 | Maintain and monitor the existing S-63 Data Protection Scheme | M |  | 2016 | Permanent | O | Chair, RENCs, Industry and IHO Sec. | S-63 |  |
| M.2 | Assessment of S-63 impact study and potential production of a new edition of S-63. | H |  | 2019 | 2021 | C | Chair, RENCs, Industry and IHO Sec. | S-63 | Closed HSSC 13 agreed to draft new Cyber security guideline |
| N.1 | Develop IHO Cyber Security Guideline | M |  | 2021 | 2023 |  | Chair, OEMs | S-63 | Proposed inclusion in S-67 |

**Meetings** (Task J)

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| **Date** | **Location** | **Activity** |
| 10-12 June 2019 | Monaco | ENCWG-4 |
| 15 - 16 July 2020 | VTC | ENCWG-5 |
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