**WENDWG Work Programme 2019-20 (to be approved at IRCC-11)**

**Objectives (**[WENDWG TORs](https://www.iho.int/mtg_docs/com_wg/TOR/WENDWG-TOR_E_June2018.pdf) refer)

1. Monitor the development of adequate ENC coverage to meet carriage requirements for ECDIS;

2. Develop proposals for speeding up ENC production and ensuring uniform ENC quality and consistency, and for making data available worldwide, including SENC distribution, taking advantage of any offers for production assistance, or other ways of mutual assistance and co-operation;

3. Advise MS, where appropriate, on the need, as well as on methods and tools for validating the data, and on any assistance which could be offered by the RENCs; 4. Monitor the implementation of the WEND, in response to Decision 21 of the XVIIth IHC, and advise IRCC of appropriate measures for speeding-up the implementation process;

5. Assist in harmonizing the policies of regional ENC Coordinating Centres (RENC) with respect to matters related to administration, legality, finances, technical processes, et cetera.

6. Develop options to expand the value of the Worldwide ENC Database to all marine data users applying data management principles

7. Develop WEND-like Principles, if appropriate, in order to support the production and dissemination of S-101 ENCs and the first generation of S-100 based products

**Tasks**

|  |  |
| --- | --- |
| A | To assess overlapping ENC data issues within ECDIS and make progress to solve them |
| B | To finalise paper on Guidelines on Assessing and Eliminating the Risk of Overlapping ENC Cells |
| C | To progress on RENC Harmonization Issues |
| D | To continue working to attract ENC producer nations to join the RENCs or distribute their ENCs through a RENC |
| E | To ensure data quality and consistency |
| F | To monitor and report ENC coverage report to WENDWG |
| G | *Left blank intentionally* |
| H | To progress the development of the IHO ENC catalogue |
| I | To provide support on capacity Building activities, as appropriate |
| J | To propose way ahead for assessing the long term consequences of not achieving full implementation of the WEND Principles |
| K | To address the relevance of information overlay services and their status in the global IHO ENC Programme |
| L | To support non-ECDIS maritime community through license management of ENC data |
| M | To support Seabed 2030 Initiative |
| N | To prepare the “WEND-like” component of the S-100 Implementation Strategy |

| **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). Participants** | **Deliverable** | **Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| B.3 | Monitor the implementation of the IHO Resolution on the Elimination of overlapping ENC data in areas of demonstrable risk to the safety of navigation | M | IRCC11 | 2018 | 2020 | **O** | Chair, RHCs, RENCs, IHO Sec | No ENC overlap that is navigationally-significant in 2020 | IHO Resolution 1/2018 inforce (IHO CL 19/2018 refers). Actions C2/27 and C2/28 |
| B.4 | Make available a Worldwide AIS traffic density database to the IHO Member States through the IHO GIS System (INToGIS II,…) | M | June 2019 | 2018 | 2020 | O | US, ~~NO, FI~~, IHO Sec. | INToGIS II additional layer at the disposal of ICCWGs | For ENC gap coverage assessment |
| C.2 | Report on RENC Harmonization issues and progress made | M | WENDWG10 | -- | Permanent | O | RENCs |  | Done for 2018.  EAHC RECC has joined. |
| D.3 | Monitor ENC Producers who distribute their ENCs through a RENC | M | WENDWG10 | 2014 | Permanent | O | RENCs, RHCs, IHO Sec. | Updated ENC Data Flow Diagram | IHO CL 59/2014 refers.  ~~Action WENDWG7/12 (second part)~~ |
| F.1 | Monitor global and regional ENC Coverage | H |  | 2014 | Permanent | O | UK, RHCs | Annual statistics | Done for 2018.  Reports are now made by RHCs Rep. at WENDWG meetings |
| F.2 | Using risk assessment methodologies, identify and consider ENC Gaps | H |  | 2014 | Permanent | O | RHCs, IHO Sec. | Improved coverage (and supporting survey plans where needed) | To be continued and improved by RHCs. Reports are now made by RHCs Rep. at WENDWG meetings |
| F.3 | Update the List of Ports (and moorings) database | M | WENDWG10 | 2014 | Permanent | O | US, RHCs |  | Action WEND9/06 |
| F.4 | Provide relevant SPIs and WPIs on ENC adequate Coverage and ENC Producers | L |  | **2017** | Permanent | O | Chair (supported by UK), RENCs, IHO Sec | IHO Annual Report | On hold (waiting for SPRWG outcome) |
| H.1 | Continue the development of the IHO ENC Catalogue | H |  | 2014 | **Permanent** | C | IHO Sec., UKHO, RENCs |  | New version welcomed at WENDWG9 (Decision WENDWG8/10) |
| H.3 | Develop approved ENC schemes in every charting regions (S-57 ENCs, then S-101 ENCs), at least for small scales | H | WENDWG10 | -- | Permanent | O | RHCs | ENC Schemes available online | Action WENDWG7/08 and WENDWG9/15 & 9/16 Top priority identified in C-1 |
| I.1 | Provide support to CBSC on request for compelling requirements in the scope of the WENDWG activities | M |  | 2015 | -- | P | RHCs |  | As appropriate |
| J.5 | Improve ENC full accessibility | H | WENDWG10 | 2016 | ~~WENDWG9~~  Permanent | O | Myanmar, Sri Lanka, Thailand, UK, Viet Nam |  | Action ~~WENDWG7/12WENDWG8/13~~  Action WENDWG9/09 |
| L.1 | Consider possibility of offering a licence management service for non-SOLAS class vessels | M |  | 2018 | ~~WENDWG9~~  WENDWG10 | O | RENCs |  | Action WENDWG9/13 |
| M.1 | Consider supporting the Seabed 2030 Initiative through the IHO DCDB with ENC data | M |  | 2018 | WENDWG10 | P | ENC Producers, RENCs | Bathymetric information extracted from RENC databases | Action WENDWG9/12 |
| N.1 | Develop new WEND-like Principles in support of the production and dissemination of S-101 ENCs and the 1st generation of S-100 based products | M |  | 2019 | WENDWG11 | P | Chair, US | WENS Principles (name to be confirmed) | Actions WENDWG9/21 & 9/22 (depending on the outcome of Action WENDWG9/23) |