## 4. NIPWG WORK PLAN 2023-24

**Tasks**

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| D | Maintain Publication S-12 “Standardization of List of Lights and Fog Signals” (IHO Task 2.8.1) |
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| F | Establish and monitor, in liaison with the S-100WG, the project teams required to specify and develop nautical information layers for use in ECDIS (IHO Task 2.3) |
| G | Develop high level specifications for ~~a~~ maritime services as defined by IMO in the context of e-navigation covering the provision of hydrographic services to mariners in accordance with the IMO e-navigation strategy implementation plan (IHO Task 2.5.2) |
| H | Develop a test and implementation plan for the development of the maritime services as defined by IMO (IHO Task 2.5.2) |
| I | Maintain IHO Resolutions in M-3 relating to Nautical Publications as required (IHO Task 2.1) |
| J | Liaise with other HSSC WGs and other IHO and international bodies (IHO Task 2.1.8) |
| K | Conduct the 2023 and 2024 meetings of the NIPWG and its sub-group(s) and project team(s) (IHO Task 2.1) |

**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 L-low | **Next Milestone** | **Start Date** | **End Date** | **Status**  P – Planned O – Ongoing C – Completed  S – Superseded | **Contact Person(s)** | **Related Pubs / Standard** | **Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| D.1 | Monitor and assess proposals for amending S- 12 | M | Next meeting | 2014 | Permanent | O | Chair Team | S-12 | In close liaison with IALA; see J.5.1 |
| F.1 | Assess the progress and perspectives of developing S-100 product specifications for NP data and propose the way forward for consideration by HSSC | H | Next meeting | 2015 | Permanent | O | Chair Team |  | To be considered in the context of the IMO e-navigation strategy implementation.  NIPWG to consider establishing one or more project team(s) in liaison with S-100WG as required (see J.3), in particular to continue the development of Product  Specifications currently assigned to the NIPWG. |
| F.2 | Investigate the interaction between S-100 based Nautical Publication products and ENC in ECDIS | H | Next meeting | 2015 | Permanent | O | Chair Team |  | In close liaison with the S-100 WG  Encourage national testbeds. |
| F.3 | Model the NP data where required. | H | Next meeting | 2004 | Permanent | O | Chair Team |  | S-100 related.  To be included in Hydro domain of the FCD Register. |
| F.4 | Review of objects and attributes.  Propose amendments to HYDRO domain of the GI Registry. | H | Next meeting | 2004 | Permanent | O | Raphael Malyankar / Chair Team |  | S-100 related.  Incorporate in GI Registry if appropriate. |
| F.8.1 | Develop S-1xx Nautical Information Product Specification |  |  |  |  |  |  |  |  |
| F.8.1.3 | For Marine Aids to Navigation (AtoN) | L | Next meeting | 2013 | 2023 | O | Sewoong Oh | S-125 | In progress. IALA developing draft, see J.5.1 |
| F.8.1.4 | For Marine Physical Environment | L |  |  |  | S | Chair Team | S-126 | No task group lead identified |
| F.8.1.6 | For Catalogue of nautical products | H | Next meeting | 2016 | 2024 | O | Izzy Kim | S-128 | In progress.  Development continued by KHOA. |
| F.8.1.7 | For Marine Harbour Infrastructure | H | Next meeting | 2020 | 2023 | O | Sarah Rahr | S-131 | Seeking approval to release edition 1.0.0 at HSSC 15.  Ongoing development in relation to S-131 database project. |
| F.8.2 | Draft Data Classification and Encoding Guides |  |  |  |  |  |  |  | Document for NPs similar to: Use of the Object Catalogue. |
| F.8.2.3 | For Marine Aids to Navigation (AtoN) | L | Next meeting | 2013 | 2023 | O | Sewoong Oh | S-125 | In progress. IALA developing draft, see J.5.1 |
| F.8.2.4 | For Marine Physical Environment | L |  |  |  | S | Chair Team | S-126 | No task group lead identified |
| F.8.2.6 | For Catalogue of nautical products | H | Next meeting | 2016 | 2024 | O | Izzy Kim | S-128 | In progress.  Development continued by KHOA. |
| F.8.2.7 | For Marine Harbour Infrastructure | H | Next meeting | 2020 | 2023 | O | Sarah Rahr | S-131 | Seeking approval to release edition 1.0.0 at HSSC 15.  Ongoing development in relation to S-131 database project. |
| F.8.3 | Monitor and Maintain NIPWG Product Specifications |  |  |  |  |  |  |  |  |
| F.8.3.1 | For Marine Protected Areas | M | Next meeting | 2023 | 2024 | O | Jonathan Pritchard | S-122 | In progress.  Edition 2.0 in development. |
| F.8.3.2 | For Marine Radio Services | M | Next meeting | 2022 | 2024 | O | Bridget Gagné | S-123 | In progress.  Edition 2.0 in development. |
| F.8.3.5 | For Marine Traffic Management | M | Next Meeting | 2022 | 2024 | O | Ed Kuwalek | S-127 | In progress.  Edition 2.0 in development. |
| G.1 | Monitor the requirements for, and provision of, nautical information in e-navigation testbeds.  Produce NP1 sample data sets. | M |  |  |  | O | Mike Kushla |  | According to the tasks assigned by HSSC4. Collection of information to be modelled. |
| G.3 | Rules and guidelines for displaying nautical information in ECDIS and in maritime services as defined by IMO |  |  |  |  |  |  |  |  |
| G.3.1 | Develop basic display principles for NP data intended for use in ECDIS (NP3) | M |  | 2008 |  | O | Chair Team |  | Close co-operation with NCWG and S-100WG required. Interoperability Spec to be considered. |
| G.3.2 | Monitor and contribute to the development of IMO guidelines showing how navigation information received by communications equipment can be displayed in a harmonized way and what equipment functionality is necessary. | M |  | 2015 | Permanent | O | Stefan Engström |  | NIPWG has a permanent rep with the EGDH.  e-nav IMO Strategy Implementation Plan, Task T13 (HSSC6-07.1A refers)  Interim guidelines released by IMO. Continue to monitor development. |
| I.1 | Maintain and extend resolutions in M-3 relating to Nautical Publications. | M | Next meeting | 2012 | Permanent | O | Chair Team | M-3 | A review is required due for the harmonization of M-3 information and potential Prod Specs content. |
| J.3 | Liaise with other HSSC WG | M |  | 2004 | Permanent | O | Chair Team |  |  |
| J.3.1 | Liaise with the NCWG | M |  |  | Permanent | O | Chair Team |  | Establish joint project teams as required and endorsed by HSSC. |
| J.3.2 | Liaise with the ENCWG | L |  |  | Permanent | O | Chair Team |  |  |
| J.3.3 | Liaise with the S-100WG | H |  |  | Permanent | O | Chair Team |  | Establish joint project teams as required and endorsed by HSSC. |
| J.4 | Liaise with IRCC |  |  |  |  |  |  |  |  |
| J.4.1 | Liaise with WWNWS Sub-Committee |  |  |  |  |  |  | S-124 | Monitor developments of S-124 Project Team. |
| J.5 | Liaise with other international bodies which contribute to nautical information | H |  | 2015 | Permanent | O | Chair Team |  |  |
| J.5.1 | Liaise with IALA | H |  | 2013 | Permanent | O | Chair Team |  | IALA ARM and ENAV Committees. |
| J.5.2 | Liaise with International Harbor Masters’ Association (IHMA) | M |  | 2015 | Permanent | O | Chair Team |  |  |
| J.5.3 | Liaise with International Cable Protection Committee (ICPC) | L |  | 2016 | Permanent | O | Chair/Sec NIPWG |  |  |

**Meetings** (Task K)

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| **Date** | **Location** | **Activity** |
| Sept 2023 | Monaco | NIPWG10 |
| Sept 2024 | Poland (tbc) | NIPWG11 |
| Sept 2025 |  | NIPWG12 |

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Top three work items:

* Develop S-128 (Catalogue of Nautical Products) product specification
* Continue to develop all S-1xx nautical information product specifications
* Coordinate the IHO contributions to the definition and harmonisation of maritime services as defined by IMO within the remit of IHO