## 3. S-100WG WORK PLAN 2018-19

**Tasks**

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| A | Maintain and extend S-100 “IHO Universal Hydrographic Data Model” (IHO Task 2.3.2) |
| B | Maintain and extend S-99 “Operational Procedures for the Organization and Management of the S-100 Geospatial Information Registry” (IHO Task 2.3.3) |
| C | Maintain and extend the S-100 GI Registry (IHO Task 2.3.1) |
| D | Supervise/Advise and support the development and maintenance of S-100-based product specifications (IHO Task 2.3.5) |
| E | Monitor the development of other related international standards (IHO Task 2.1) |
| F | Provide outreach and technical assistance regarding the implementation of S-100 (IHO Task 2.3.5) |
| G | Maintain the S-100 section of the IHO website (IHO Task 2.3) |
| H | Conduct the 2017 and 2018 meetings of the S-100WG 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L-low | **Next milestone** | **Start**  **Date** | **End**  **Date** | **Status** P-planned O-ongoing C-completed S-Superseded | **Contact Person(s)** | **Related Pubs / Standard** | **Remarks** |
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| A.1 | Maintain and Extend S-100 | H | HSSC 10 | 2010 | Permanent | O | Julia Powell (NOAA) |  | Edition 5.0.0 at HSSC12 |
| A.2 | Develop and Extend of S-98 Interoperability Specification | H |  | 2015 | Permanent | O | Julia Powell (NOAA) |  | Draft Edition 1.0.0 submitted at HSSC-12 in May 2020 |
| A.3 | Monitor the protection scheme (S-63 equivalent component, S-100 Part 14) of S-100 based-products | M |  | 2016 | Permanent | P | Jonathan Pritchard (IIC)  Robert Sandvik (Primar) |  |  |
| A.4 | Develop and Extend S-97 Guidebook for developing S-100 Product Specifications | M |  | 2018 | Permanent | O | Julia Powell |  | Draft Edition 1.0.0 submitted at HSSC-11 in May 2019 |
| B.1 | Update S-99 and the S-100 Registry pages for the registration of S-100 product specifications in accordance with HSSC6-05B rev1 | M |  | 2015 | 2019 | P | Jeff Wootton |  |  |
| B.2 | Establish and maintain and expert group for the hydro domain: | M |  | 2016 | Permanent | P | Julia Powell (US) |  | Action HSSC8/14 (membership and TORs) |
| C.1 | Maintain and Extend the S-100 GI Register in alignment with S-100 (includes Portrayal) | H |  | 2015 | Permanent | O | Yong Baek (KHOA) |  |  |
| C.2 | Develop and Maintain the S-100 Feature Catalogue Builder | H |  | 2015 | Permanent | O | Yong Baek (KHOA) |  |  |
| C.3 | Develop and Maintain the S-100 Portrayal Catalogue Builder | H |  | 2015 | Permanent | O | Yong Baek (KHOA) |  |  |
|  |  |  |  |  |  |  |  |  |  |
| D.1 | Review the S-100 Master Plan annually | M |  | 2014 | Permanent | O | Julia Powell (NOAA) | S-100 | Include monitoring the need to revise existing S-100-based PS (e.g. S-102) and or to develop new S-100-based PS. |
| D.2 | Review the S-101 Value Added Roadmap annually | H |  | 2013 | Permanent | O | Al Armstrong (NGA) | S-101 |  |
| D.3 | Develop Edition 2.0.0 of S-101 | H |  | 2015 | 2021 | O | Al Armstrong (NGA) |  | Operational Edition of S-101 will be at 3.0.0 |
| D.4 | Monitor the implementation of the S-101 ENC product specification (post Edition 2.0.0) | H |  | 2015 |  | P | Julia Powell (NOAA) |  | Action HSSC8/19 (Impact on IMO Performance Standards ?) |
| D.5 | Develop and Maintain an S-100/S-101 Test Strategy and Test Bed | H |  | 2013 | Permanent | O | Julia Powell (NOAA) |  |  |
| D.6 | Maintain S-102 Bathymetric Content Specification. | H |  | 2014 | 2021 | P | Dave Brazier (NAVO) |  | Submit Edition 2.0.0 to HSSC11 |
| D.7 | Develop and maintain S-129 Product Specification for Underkeel Clearance Management (UKCM) Information. | M |  | 2016 | 2020 | P | Nick Lemon (AMSA) |  | Decision HSSC8/17  Edition 1.0.0 submitted to HSSC11 |
| D.8 | Develop S-121 Product Specification for Maritime Limits and Boundaries | H |  | 2016 | 2018 | O | Mark Alcock (Geoscience Australia) |  | Action HSSC8/16  Undergoing MS and WG review prior to release (ref HSSC10 report) |
|  |  |  |  |  |  |  |  |  |  |
| E.1 | Monitor the development of other related international standards | M |  |  | Permanent | O | Julia Powell (NOAA) |  |  |
| E.2 | Monitor and coordinate interactions with OGC and IOGP, to ensure proper harmonization in the development of standards. | M |  | 2016 | Permanent | P |  |  | Standards such as IOGP SSDM SeabedML (Action HSSC6/37) |
| E.3 | Monitor the development of the IMO guidance on maritime cyber security and advice on possible future actions | L |  | 2016 | Permanent | P | Hannu Peipponen (IEC) |  |  |
| F.1 | Liaise with IHO subsidiary bodies and subordinate organs, e.g. WWNWS-SC, NIPWG, ENCWG, SCUFN, etc. | H |  |  | Permanent | O | Julia Powell (NOAA) |  | Establish joint project teams as required and support the UFN Project Team, see Doc. HSSC8-07.1C INF3 |
| F.2 | Liaise with non-IHO constituents, e.g. IALA E-nav Committee, IEHC, JCOMM Expert Teams, DGIWG, ISO, ICPC, marine navigation and GIS industry, etc. | H |  | 2004 | Permanent | O | Julia Powell (NOAA) |  | Clarification of the relations between IALA and IHO product specifications (e.g. sector lights modelling, encoding and portrayal in S-101 and S-201)  Actions HSSC8/58, HSSC8/66 |
| G.1 | Maintain the S-100 section of the IHO website | H |  | 2003 | Permanent | O | Tony Pharaoh (IHO Sec.) |  |  |

**Meetings** (Task H)

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| **Date** | **Location** | **Activity** |
| 15-18 March 2017 | Genoa, Italy | S-100WG-2 |
| 19-21 Sept 2017 | Virginia, USA | S-100 TSM-5 |
| 10-13 April 2018 | Singapore | S-100WG-3 |
| 18-20 Sept 2018 | Busan, Korea | S-100 TSM-6 |
| 28 Feb – 1 Mar 2019 | Aalborg, Denmark | S-100WG-4 |
| 23-26 Sept 2019 | Monaco | S-100 TSM-7 |

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