**Nautical Information Provision Working Group (NIPWG)**

**7th Monthly dedicated S-128 Meeting**

**13th March 2024 – VTC, Worldwide**

Annex A: List of Action items

Annex B: Agenda

Annex C: List of Attendees

1. **Review of Action Items**
* See Annex A.
* **3rd S-128 VTC Action Item 2**:

BG: So far 3 quarters of the definitions have been completed out of roughly 200. Quiet a few of the definitions appear to be better replaced by definitions that already existing in the Registry. Once the last 50 or so definitions are complete then the task group will reconvene to do a final review and ask any question to the S-128 PT of any definitions where they group is unsure what they are referring to.

* **6th S-128 VTC Action Item 1**:
* EM: With S-128 Edition 1.2.0 requiring a revised version following initial feedback comments. A stable version and the definition work complete, before passing anything to the DQWG. Chair team to work out when the right time is to submit S-128 to DQWG.
1. **Update Status of the S-128 Product Specification**
* NIPWG noted the update.
1. **S-128 Impact Study**
* EM: Currently in a situation of working out what an impact study should do for Edition 2.0.0. trying to anticipate what the implementers will do with the impact study; therefore, it is light version. All should review the study and a look at the section (Stakeholders) that applies to them and see if the impact study answers relate to themselves. If the are any comments or concerns for what has been captured to raise them so the study can be amended as necessary.
* HP: Looking at the list of stakeholders, the list is missing the ECDIS user.

**ACTION ITEM 1: ‘**ECDIS user’ to be added to the list of Stakeholders and impact questions. JSC. 8th April 2024.

1. **Outstanding Items before S-100 5.2 is implemented in S-128**
* EM: This item is motivated from the discussions at TSM10 and what is the future role of S-128. Its two primary usages was for the up to dateness status of all products available and the other being product discovery, including non S-100 products, physical products and some kind of statement from the producers on the equivalency between traditional products and S-100 type products (as requested by the manufacturers and users). Feature catalogues or Portrayal catalogues could be captured as a status or as products available from somebody and there isn’t enough attribution in the S-128 data model to cover feature catalogues or portrayal catalogues. Call for requests of items that need to be done before Edition 2.0.0.
* HP: Question: Equivalency, is there something included for equivalency between S-101 and S-57?
* EM: Yes, this has already been included, however it will be up to the producers to populate the data.

The plan is to run the working group review in parallel with submission to HSSC, to gain sometime and if required only submit a revision to HSSC. The current biggest issue is the outstanding registry items, over 200 and it takes a minimum of 60 days to go through the registry. This means there will be some kind of amendment to the feature catalogue to the version submitted to HSSC.

* JPL: S-100 5.2.0 is not due to get full approval until after or right before HSSC16, therefore HSSC legally cannot approve S-128 until S-100 5.2.0 is approved by the IHO member states. All the other S-100 products are not submitting their 2.0 version to HSSC16 because of this, which the HSSC chair is aware of. All the phase 1 S-100 products will be submitted to after HSSC16, and the HSSC chair is going to issue an HSSC letter to do the approval along with a consolidated impact study. Does S-128 want to follow this similar path to the other phase 1 products.
* EM: NIPWG are looking for conditional approval/endorsement of S-128.
* JPL: Recommend that NIPWG follows all the other phase 1 product specifications to buy some more time.
* EM: There is no visibility of the timeline required, is September when it should be submitted?
* JP: S-128 is needed for S-164, and it would be very useful to have something that is very close to the operational version as possible. The practical solution would be that at HSSC16, S-128 is labelled as 2.0.0 but is not actually endorsed by HSSC. It can be used to create S-164 test data which can then be modified if required after all the reviews. It allows the exploration all the scenarios, use cases and data life cycle etc, which is currently is missing in S-164.
* EM: In conclusion, the plan is to stick with the plan to get to edition 2.0.0 for HSSC endorsement in end of May. This means what is submitted on the April 8th HSSC16 deadline is a tentative submission which will be revised in the timeframe up to the HSSC16 meeting. S-128 is needed for S-164, which is not due until 2025, however if S-164 does not have sufficient content then it will be difficult to get S-164 to an operational version in 2025.

Priority is for the comments and feedback on Edition 1.2.0 to be reviewed and digested, S-100 5.2.0 changes applied to S-128, definitions review to be completed and submitted to the Registry to use the IHO infrastructure to create a feature catalogue.

* YB: See letter: [HSSC Chair Letter Outcome S-100WG8 November 2023.pdf (iho.int)](https://iho.int/uploads/user/Services%20and%20Standards/HSSC/LETTERS/2023/HSSC%20Chair%20Letter%20Outcome%20S-100WG8%20November%202023.pdf)
1. **Close & Next meetings**
* Next Dedicated S-128 VTC: 4th April 2024 12:00 UTC.

**Table of names & initials:**

|  |  |
| --- | --- |
| BG | Bridget Gagné |
| EM | Eivind Mong |
| HP | Hannu Peiponen |
| JSC | Jens Søe Christiansen |
| JPL | Julia Powell |
| JP | Jonathan Pritchard |
| YB | Yong Baek |

**Annex A: Action Items**

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| **#** | **Action Item** | **Agenda Item** | **Assigned** | **Status** |
| **3rd Dedicated S-128, Dec 2023 – Hybrid Meeting** |
| 1 | List of all missing items to be passed to task group to create definitions | 1 | HS | ~~22~~~~nd~~ ~~December 2023~~COMPLETE |
| 2 | Task group to create definitions for the items that require submission to the registry. | 1 | EM(Lead), JSC, BG, RB | ~~End of Jan 2024~~On going |
| **4th and 5th Dedicated S-128, January 2024 – Hybrid Meeting** |
| 2 | UKHO to draft section to be added into S-128 PS and examples for the DCEG | 4 | AR & MK | ~~6~~~~th~~ ~~S-128 VTC5th Feb 2024~~On Going |
| 3 | UKHO to review analysis on mandatory metadata against the latest model and distribute to group. | 5 | MK | 6th S-128 VTC~~5th Feb 2024~~On going |
| 4 | S-128 Edition 1.2.0 to be sent to DQWG for comment/review | 6 | S-128 PT/Chair Team | ~~Middle Feb 2024(once 1.2.0 is available)~~Chair team to decide. |
| **6th Dedicated S-128, Feb 2023 – Hybrid Meeting** |
| 1 | NIPWG invited to test and review S-128 1.2.0 when ready and to provide feedback. All comments via Elena Armanino. | 1 | All  | ~~8~~~~th~~ ~~March 2024~~15th March 2024 |
| **7th Dedicated S-128, March 2023 – Hybrid Meeting** |
| 1 | **‘**ECDIS user’ to be added to the list of Stakeholders and impact questions. | 3 | JSC | 8th April 2024 |

**Annex B: Agenda**

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| **1.0** | **Review of Action Items** | James Weston |
|  | **Update Status of the S-128 Product Specification** | HyunSoo Choi |
| **3.0** | **S-128 Impact Study** | Eivind Mong |
| **4.0** | **Outstanding Items before S-100 5.2 is implemented in S-128** | Eivind Mong |
| **5.0** | **Close & Next meetings** | James Weston |

**Annex C: List of Attendees**

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| **Name** | **Country** | **Organization / Company** |
| Jamie Murphy | Australia | Australian Hydrographic Office |
| Alper CELEBI | Australia | Australian Hydrographic Office |
| Bridget Gagné | Canada | Canadian Hydrographic Service (CHS) |
| Eivind Mong | Canada | Canadian Coast Guard - Chair |
| Deanna Sokoloski | Canada | Canadian Hydrographic Service (CHS) |
| Tetsuichiro Yabuki | Japan | Hydrographic Department, Japan Coast Guard |
| Herman Schouten van der Velden  | Netherlands | Hydrographic Service - Royal Netherlands Navy (NLHO) |
| Richard Flapper | Netherlands | Hydrographic Service - Royal Netherlands Navy (NLHO) |
| Caroline JOHANSSON | Sweden | SJOFARTSVERKET (SWEDISH MARITIME ADMINISTRATION)  |
| James Weston | UK | UK Hydrographic Office (UKHO) - Secretary |
| Thomas Mellor | UK | UK Hydrographic Office (UKHO) |
| Alison Contreras | UK | UK Hydrographic Office (UKHO) |
| Jason STROM | USA | National Geospatial-Intelligence Agency (NGA) |
| **INDUSTRY & TECHNICAL EXPERTS** |
| Petri Tissari |  | FURUNO |
| Hannu PEIPONEN |  | FURUNO |
| Jonathan PRITCHARD |   | IIC Technologies |
| Su Marks |  | IC-ENC |
| Hyunsoo Choi |   | KRISO |
| Shwu-Jing Chang |   | NTOU |
| Svein Skjaeveland |   | PRIMAR / ECC |
| Hugh ASTLE |   | Teledyne Geospatial |
| Participants of TSM10 (2024) |