

WEND WG

Report to USCHC

By Doug Brunt



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Meetings Held During Reporting Period

- WENDWG12 – 22-24 February 2022 – Monaco / Hybrid
- Project team meetings
 - S-101 Scheming Guidelines
 - Implementation Guidelines



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HD ENC Survey and Outcome

- Survey conducted between July and September 2021 (CL 26/2021)
- 37 Member States participated in the survey
- WG noted that HD ENCs were not an IHO strategic objective so does not consider it appropriate for the IHO to develop specific production guidelines for them at this time, nor to create a new strategic performance indicator for assessing the level of HD ENCs production



S-101 Scheming Guidelines

- During the VTC WENDWG 11, the Group established a team to investigate options for helping to manage the transition from S-57 and S-101
- The Group noted that the consensus for a Global Common Grid Scheme could not be reached yet due to significant objections
- The WEND also agreed to revisit this issue during WENDWG 13
- Thank you to Japan for leading the Group!!

S-1xx Implementation Guidelines

- WENDWG 11 established an ad hoc team to work on the implementation guidelines for S-1xx (including S-102, 104, 111, 124, 128 and 129)
- The team focused on “SOLAS” products for the first version of the Guidelines and agreed to submit them in time for IRCC-14 (see IRCC14-07D2) – version 1 with more to come
- Thank you to the Netherlands for leading the team!!!



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INToGIS II Development

- The WENDWG commended KHOA and other contributors on the work done to date on the development of INToGIS II!!!
- Agreed on the proposed way forward on the development of INToGIS III which will use S-128, as much as is practical, to allow hydrographic offices and other users to visualize S-1xx product coverage in the future
- Pleased to note the US (NGA) update on the World Port Index and looks forward to a status report on the traffic density layer later this year



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CATZOC values and Strategic Performance Indicators

- As part of INTToGIS, an additional CATZOC layer is available to IHO Member States only (Manager Mode)
- For the automated implementation of some SPIs, for maintaining the CATZOC layer in INTToGIS, the WENDWG Chair and IHO Secretariat request that Member States reconsider their position on providing CATZOC layers and to allow the distribution of their CATZOC data to the Secretariat



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WEND-100 Product Matrix UN-GGIM IGIF

- Agreed to build a WEND-100 Product Matrix to help ensure that UN-Integrated Geospatial Information Framework pathway principles are being considered as new S-1xx products become available
- Matrix is being developed in accordance with the IGIF's nine strategic pathways
- Agreed (Action WENDWG12/33) that the inclusion of a standing agenda item in forthcoming RHC conferences/meetings that facilitates the development of UN-GGIM Integrated Geospatial Information Framework (IGIF) compliant assessments of S-1xx top priority products, along with the nomination of Regional S-100 Coordinators, would be an important step in helping to advance progress on the S-100 Implementation Roadmap



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	A	D	E	F	G	H	I	J	K
1									
2		S-102 (Bathy Surface)	Score	S-104 (Water Levels)	Score	S-111 (Surface Currents)	Score	S-122 (Marine Protected Areas)	Score
3	Governance and Institutions	Governance and Institutions (D): Product has been produced, but there is no documented product governance plan, no agreement at the RHC level, no recognized product custodian.	3.00	Governance and Institutions (A): The product is part of a documented national or regional institutional plan, custodianship (a managing organization) has been identified and has accepted the management responsibility. All has been agreed at the national authority and RHC level.	11.10	Governance and Institutions (A): The product is part of a documented national or regional institutional plan, custodianship (a managing organization) has been identified and has accepted the management responsibility. All has been agreed at the national authority and RHC level.	11.10	Governance and Institutions (A): The product is part of a documented national or regional institutional plan, custodianship (a managing organization) has been identified and has accepted the management responsibility. All has been agreed at the national authority and RHC level.	11.10
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6	Financial	Financial (A): The product is supported by a business model that includes current funding sources, obligations, financial risks, and future investments has been completed. An agreed upon business case that justifies funding and investment has been completed. The product has a documented, well defined socio-economic value. All is agreed upon at the national and RHC levels.	11.10	Financial (A): The product is supported by a business model that includes current funding sources, obligations, financial risks, and future investments has been completed. An agreed upon business case that justifies funding and investment has been completed. The product has a documented, well defined socio-economic value. All is agreed upon at the national and RHC levels.	11.10	Financial (A): The product is supported by a business model that includes current funding sources, obligations, financial risks, and future investments has been completed. An agreed upon business case that justifies funding and investment has been completed. The product has a documented, well defined socio-economic value. All is agreed upon at the national and RHC levels.	11.10	Financial (A): The product is supported by a business model that includes current funding sources, obligations, financial risks, and future investments has been completed. An agreed upon business case that justifies funding and investment has been completed. The product has a documented, well defined socio-economic value. All is agreed upon at the national and RHC levels.	11.10
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9	Partnerships	Partnerships (A): The product is distributed through a Regional ENC Center (RENC). Product principles (transboundary arrangements) have been agreed upon at the RHC level. Product stakeholders have been included in product development.	11.10	Partnerships (A): The product is distributed through a Regional ENC Center (RENC). Product principles (transboundary arrangements) have been agreed upon at the RHC level. Product stakeholders have been included in product development.	11.10	Partnerships (A): The product is distributed through a Regional ENC Center (RENC). Product principles (transboundary arrangements) have been agreed upon at the RHC level. Product stakeholders have been included in product development.	11.10	Partnerships (A): The product is distributed through a Regional ENC Center (RENC). Product principles (transboundary arrangements) have been agreed upon at the RHC level. Product stakeholders have been included in product development.	11.10
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8	Standards	5.70	Innovation (B): Product is globally available for use to influence technological advances, innovation, and academic uses for a cost and with use limitations.		Innovation (C): Product is available only for national governmental use to influence national technological advances, innovation, and academic uses.		Innovation (D): Product has been produced, but is NOT available for use to influence national technological advances, innovation, and academic uses.		Innovation (E): This product is not being considered by any hydrographic office in the region.
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ENC Regional Chart Coordinator Reports

- WEND WG received reports from a number of ENC Regional Chart Coordinators and discussed the expanding role of the Coordinators. The Working Group decided to propose that the IRCC recommend new S-1xx Coordinator roles to be established in the RHCs either as separate from the Chart Coordinator or as an additional duty of the Coordinator
- Tew position would be responsible for considering the progress and coordination of S-1xx products as they become available, starting with the pathways outlined in the WEND Product Matrix



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Action Required of USCHC

- Note HD Survey and Outcome
- Note the report on S-101 Scheming Guidelines
- Note the progress on the S-100 Implementation Guidelines as v.1 (IRCC14-07D2)
- Note that the WENDWG was provided an opportunity to comment on the DF-Governance document
- Note the progress made by KHOA to advance INTToGISII and invite IHO Member States (ENC producers) to allow the provision of CATZOC to the IHO Secretariat for SPIs' calculation if appropriate and completing the coverage of CATZOC layers in INTToGIS



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Action Required of USCHC

- Plan to use the WEND S-100 Product Matrix as a tool for USCHC to gage business model maturity for S-100 products
- Establish an S-100 Coordinator role
- Apply Action WENDWG12/33 (WEND-100 Product Matrix will be made available on the WENDWG Repository webpage when finalized).
- Note this report



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Thank You Very Much



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