



Meeting name

S-128 Catalogue of Nautical Products

Agenda Item 4.6.2A

NIPWG VTC, 7th June 2022



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INTRODUCTION / BACKGROUND

International
Hydrographic
Organization

- **S-128 PS Package 1.0.0 Progress**
 - Updated S-128 PS package was released in NIPWG 8 VTC (Mar. 2021)
 - Following NIPWG 8, new comments has been submitted by MS (May, 2021)
 - KHOA improved the S-128 PS package to satisfy level of version 1.0 (Aug. 2021)
 - Report to stakeholders about improved S-128 PS package 1.0 (Sep. 2021)
 - Circulate to NIPWG Members and combined review comments (Jan. 2022)
 - Updates and finalize S-128 PS package 1.0 (Mar. 2022)
- **New S-128 PS Package 1.0.0**
 - Including PS DOC Catalogues, DCEG, GML Schema, Human readable FC



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DEVELOPMENT DETAILS

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- Comments from stakeholders and MS
 - 33 comments were submitted about S-128 PS Package 1.0.0 review
 - Minor editorial items, Inconsistency in product specification, UML extension
 - Policy and Regulation for hydrographic data release and publication (Next Ed.)
- S-128 PS Package 1.0.0(11 March)
 - Name of classes/attributes aligned with UML and PS DOC, FC and S 100 GI Registry
 - Some of values aligned with other product specification (ex Date of week)
 - Solved inconsistency and discrepancy in S-128 PS Package components



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S-128 AT HSSC 14

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- S-128 Edition 1.0.0
 - NIPWG is developing the S-128 product specification as a Catalogue of nautical products with KHOA' support
 - The development has reached a sufficiently mature stage as Edition 1.0.0.
 - HSSC14 approved the S-128 Edition 1.0.0 for testing purpose (HSSC14/51, CL in June)
- New Executive summary of S-128 (HSSC14/51)
 - Product Specification for the exchange of catalogues of printed and digital nautical product; applications for navigational purposes; online services and e-Navigation services; and all available S-100 based products and services to assure up-to-dateness of the products and its services within a defined geographic areas.(draft)



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FUTURE WORKS OF S-128

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- Test Ed. 1.0.0
 - Produce the S-128 dataset using metadata of nautical products
 - Test the S-128 PS with the S-100 testbed
 - Encourage IHO member states to produce the S-128 dataset of their national products
- Improve the package
 - Update the package in align with S-100 Ed. 5.0
 - Revisit proposed comments that were not included in the Ed. 1.0.0
 - Product type classification
- Extend the scope of the PS for its service
 - Identify S-128 regarding responsibility of stakeholders in production and distribution of the product
 - NIPWG to provide an input paper to WENDWG13(HSSC14/52)
 - Find a way to guarantee up-to-dateness of available products



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DISCUSSIONS ON S-128

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- Is it necessary to create mechanisms that make it so that S-100-based navigational data services cannot operate without a S-128 service?, example of S-128 distribution
- One aggregator for up-to-dateness S-128? And how?
- Categories of S-128 service as navigational/non-navigational ?