

13th Meeting of the Hydrographic Services and Standards Committee

Report on IHO GI Registry Management

Agenda Item 05.1B

HSSC-13, Remote Meeting, 03-07 May 2021

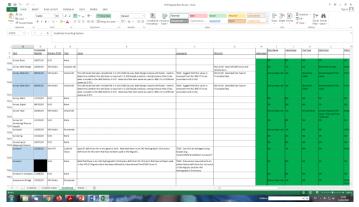


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IHO PRINCIPAL ACTIVITIES AND ACHIEVEMENTS

- Registry content standardization and consistency check completed
 - FCD Register content standardized (format, syntax, item field consistency)
 - Standardization based on decisions at IHO GI Registry Workshop (February 2019)
- Harmonization of Producer Code Register content with S-62 Database completed
 - Additional Register interface functionality identified completed
- Migration of FCD Register content to Concept Register ("Beta" Registry) completed
- Promotion of Concept Register content to Data Dictionary Register ("Beta" Registry) to duplicate FCD Register data modelling – completed
- Registration of IHO Hydrographic Dictionary terms in Concept Register to facilitate single-point management of terms and definitions – completed



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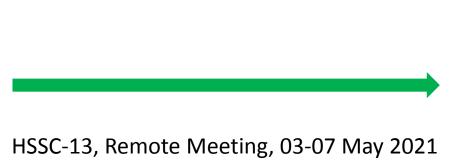




IHO PRINCIPAL ACTIVITIES AND ACHIEVEMENTS (2)

- Commissioning of current "Beta" Registry as operational IHO GI Registry (version 3.1) (completed)
- Enable full Domain Control Body (DCB) functionality (May 2021)
- Activate Producer Code Register as interface for IHO Publication S-62 (as replacement for the current active S-62 database (Pending)
- Align Producer Code Register to S-100 requirements (in progress)
- Align draft Part 2 of S-100 Edition 5.0.0 to new GI Registry structure and functionality (In progress)
- Complete IHO GI Registry user guidelines (S-99 Annex A) (In progress)
- IALA request for an IALA Domain within the Portrayal Register (New)







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IHO PRINCIPAL ACTIVITIES AND ACHIEVEMENTS (3)

- Outreach (Ongoing)
 - Engage with all Registry Stakeholders on the role and functionality of the IHO GI Registry; resolve remaining conflicts in Registry content (in progress)
 - Educational sessions; possible 2nd IHO GI Registry Workshop
- Statistics:
 - Concept register: 7321 valid items (NOTE: Items still to be registered for some PSs).
 - Data Dictionary Register: 366 Features; 26 Information; 667 Attributes; 92 Complex Attributes; 2273 Enumerates; 117 Codelist Values.
 - Portrayal Register: 1015 Symbol/Line/Area Fill; 309 Portrayal Management items.
 - Product Specification Register: 10 (published); 6 (in development (testbed)).
 - Producer Code Register: 392 items.

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a (*	14	Encoding Conventions	encodingConventions	In ECDIS, a set of rules to be followed when encoding data for a particu	Valid	2020-10-22		Limit of the Continental S.,	OuterumitOfTheContinentalShelf	A limit comprising the seabed and subsoil of the submarine areas t	HO Hydro Valid	E 2020-07-14	Ge 2nd Gi Registry(Ok) < D	\Leftrightarrow	SIGFLT010	Signal float - on position	symbol	Valid	2019-08-26		10	5-401	mand the Product Specification	1.0.0
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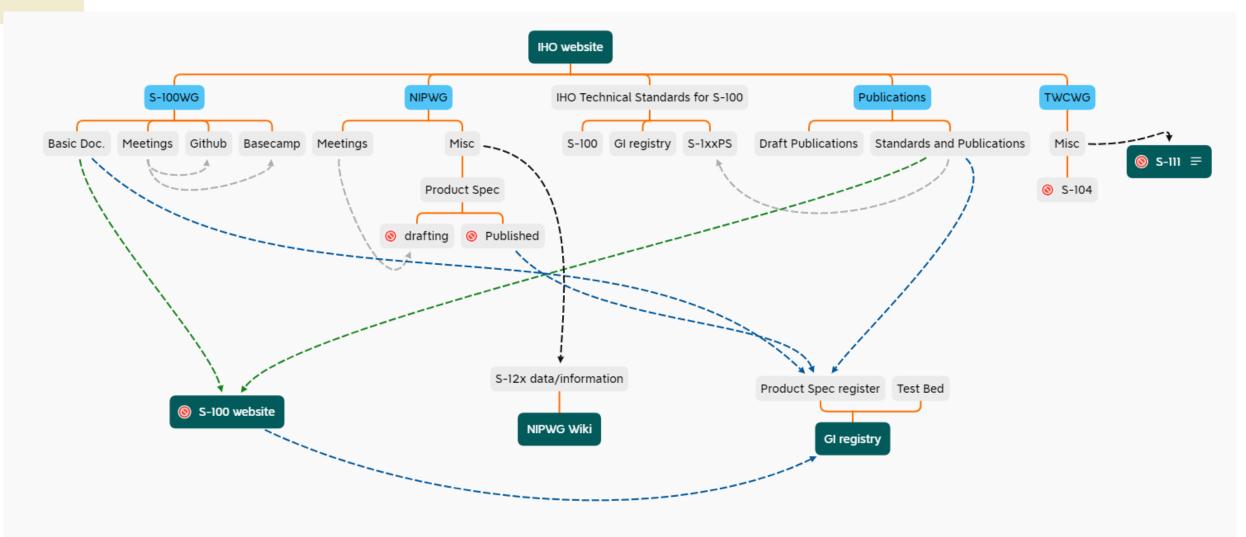
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IHO MANAGING S-100 MATERIALS (1/2)

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Complexity to search S-100 materials and versions

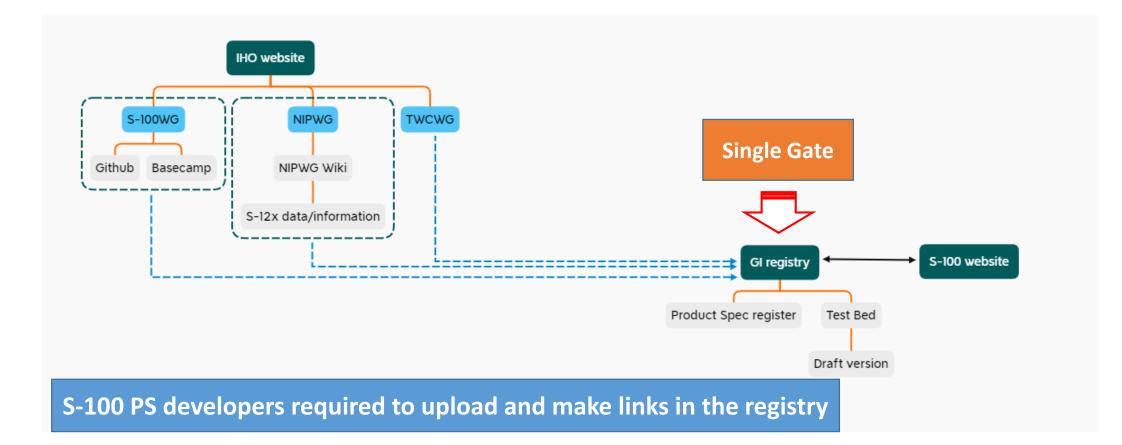




IHO MANAGING S-100 MATERIALS (2/2)

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• Single gateway to search S-100 latest information and data.





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IHO ACTIONS REQUESTED OF HSSC

- Note this report.
- Approve the addition of an IALA Domain to the Portrayal Register of the IHO GI Registry.
- Encourage Product Specification developers to register their items, if not already registered.



IHO FURTHER INFORMATION

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http://registry.iho.int/main/main.do

Contact IHO GI Register Manager:

jeff.wootton@iho.int

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