

S-100WG-VTC2 Catch-Up Meeting

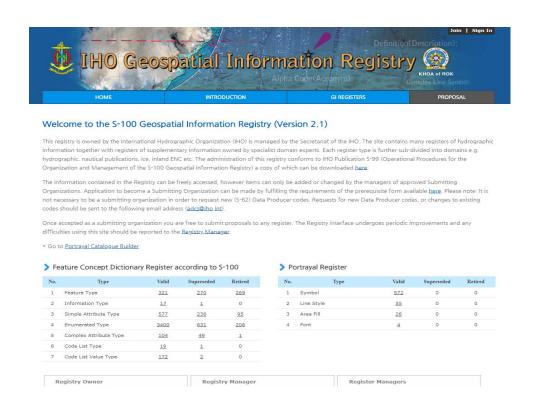
S-100 Part 2 – Management of IHO Geospatial Information Registers Review

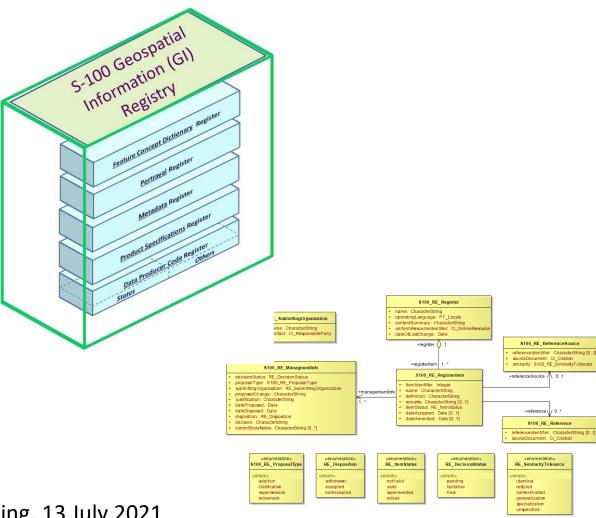
Agenda Item 03



IHO S-100 PART 2 REVIEW (1)

International Hydrographic Organization • S-100 Part 2 for Edition 4.0.0 based on IHO Geospatial Information (GI) Registry Version 2.1.



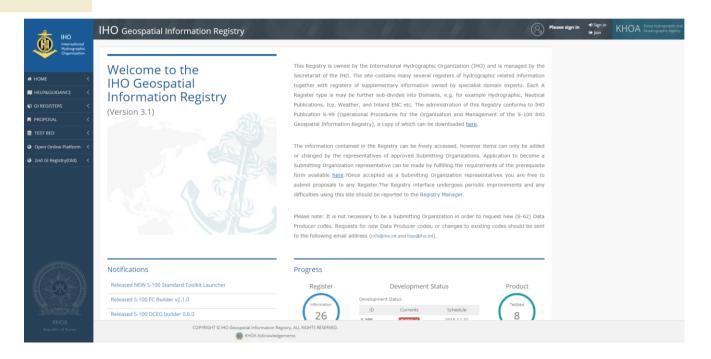


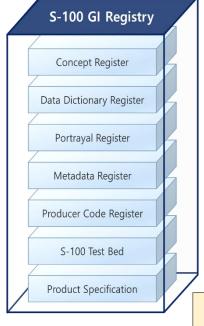


| S-100 PART 2 REVIEW (2)

International Hydrographic Organization

• IHO GI Registry Version 3.1 operational from November 2020.





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PRINCIPLE CHANGES (1)

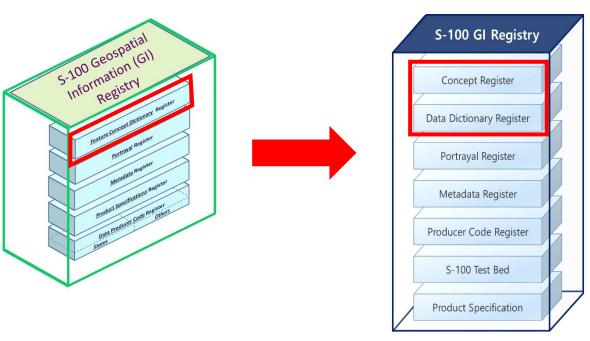
International Hydrographic Organization

- Former Feature Concept Dictionary (FCD) Register separated out to Concept Register ("stateless" Register of hydrographic-related terms and definitions) and Data Dictionary Register (assignment to Domain, type, concept bindings).
- S-100 Edition 5.0.0:
 - Former Part 2a Feature Concept Dictionary Registers renamed to Concept Register;
 - "New" Part 2b Data Dictionary Register;
 - Former Part 2b *Portrayal Register* renumbered to Part 2c.





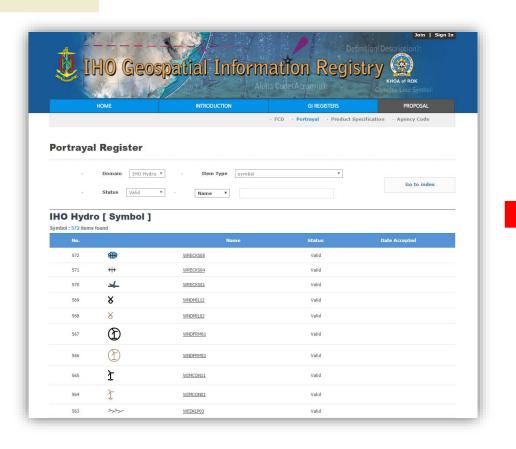


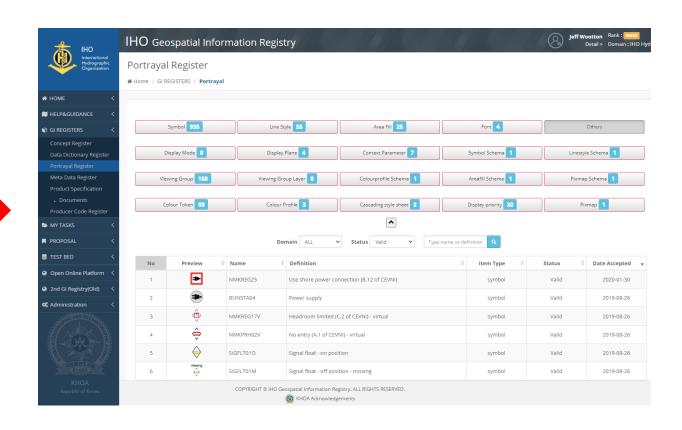




PRINCIPLE CHANGES (2)

International Hydrographic Organization Addition of new data types (Portrayal Register).

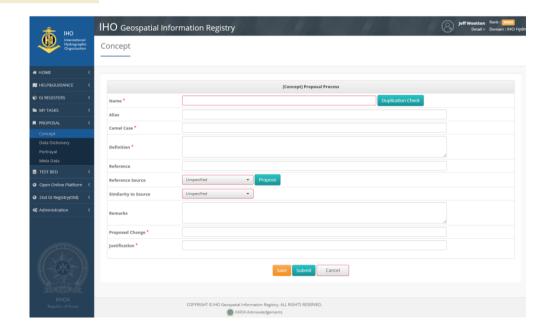


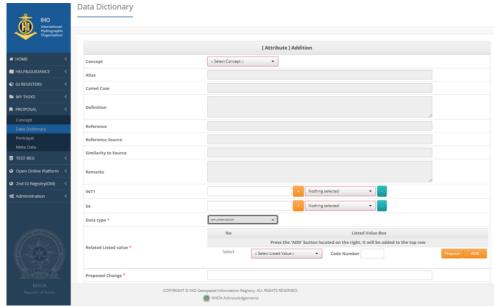




PRINCIPLE CHANGES (3)

International Hydrographic Organization Changes introduced to Registry table structures and processes based on experience since the initial commissioning of the IHO GI Registry in 2016.



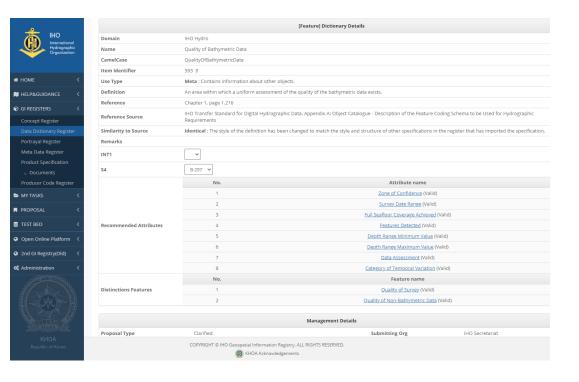


NOTE: There are other pending changes to the GI Registry that will also need to be incorporated in the revised S-100 Part 2, such as new proposed itemIdentifier (Agenda item 07) and inclusion of items to support implementation of Alerts and Indications.



OTHER CONSIDERATIONS

International Hydrographic Organization Ensure compatibility between the GI Registry and Feature and Portrayal Catalogue models.



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RECOMMENDATIONS

International Hydrographic Organization

• S-100WG to approve the establishment of a small group of Subject Matter Experts to conduct a review of the revised S-100 Part 2 for submission to the S-100WG for inclusion in S-100 Edition 5.0.0.



ACTIONS REQUESTED OF S-100WG

International Hydrographic Organization

- **Approve** the establishment of an S-100 Part 2 Review Sub-Group for S-100 Edition 5.0.0.
- **Request** volunteers from IHO Member States and Expert Contributors to participate in the S-100 Part 2 Review Sub-Group, if approved.