S-100WG-VTC2 Catch-Up Meeting

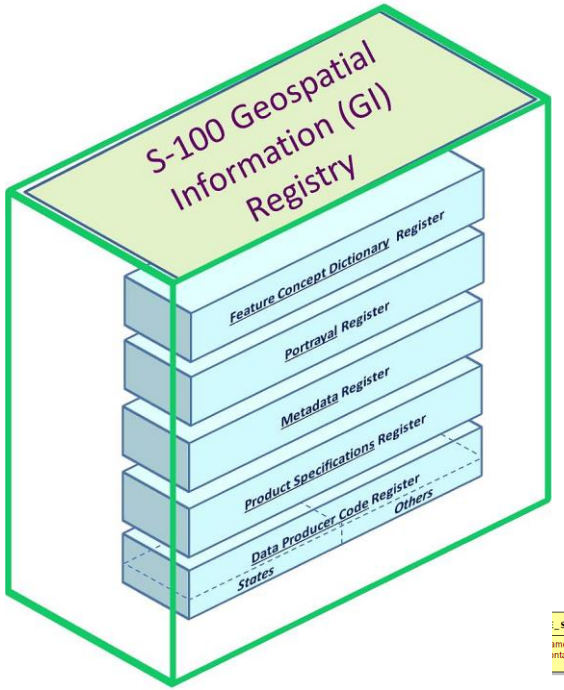
S-100 Part 2 – Management of IHO Geospatial Information Registers Review

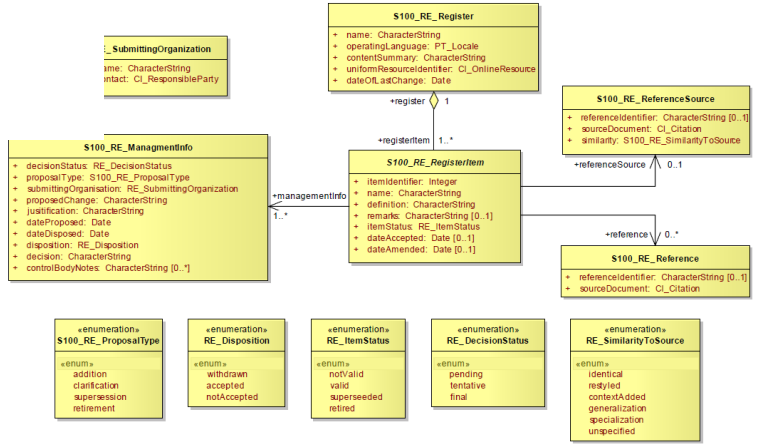
Agenda Item 03

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.

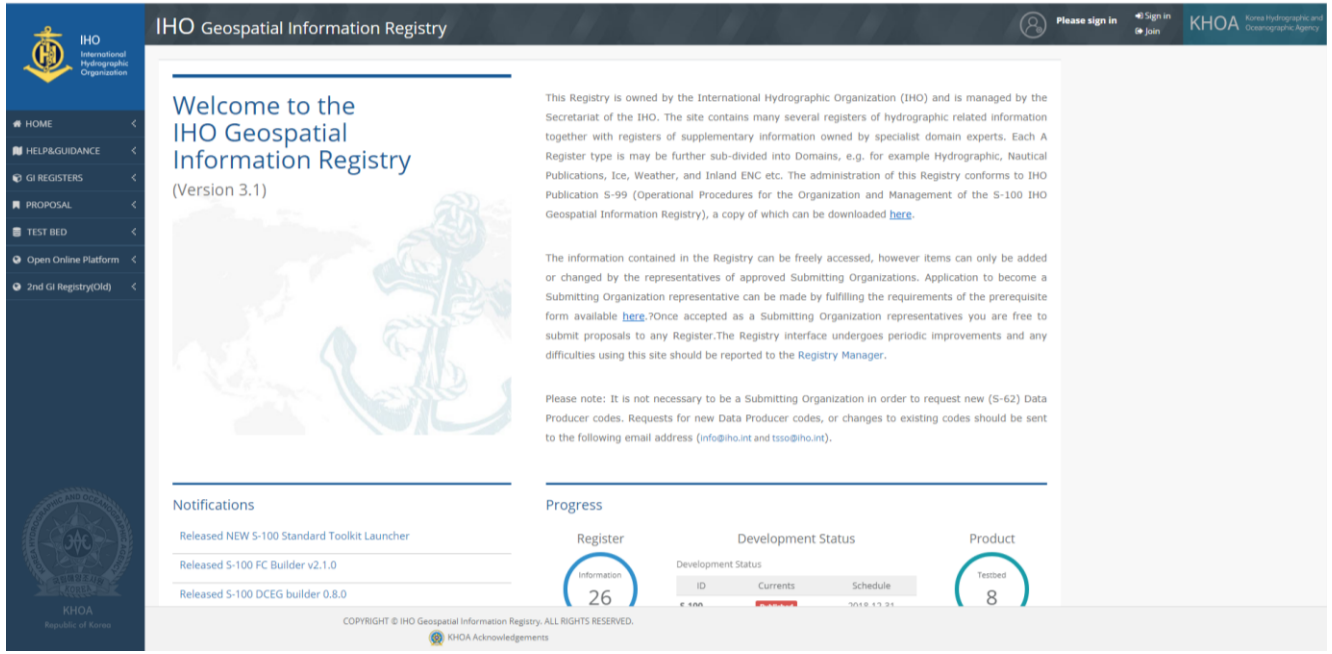


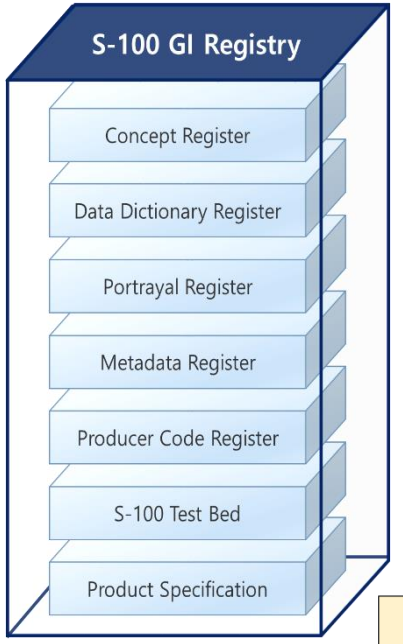


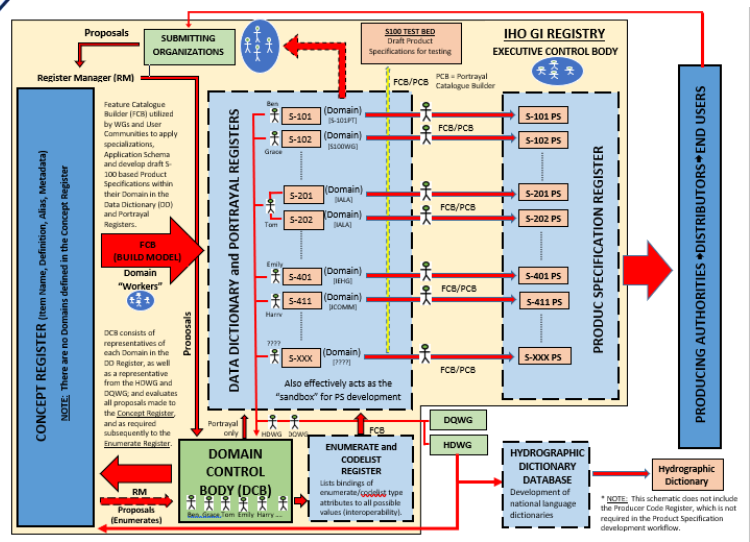
S-100 PART 2 REVIEW (2)

International Hydrographic Organization

- IHO GI Registry Version 3.1 operational from November 2020.

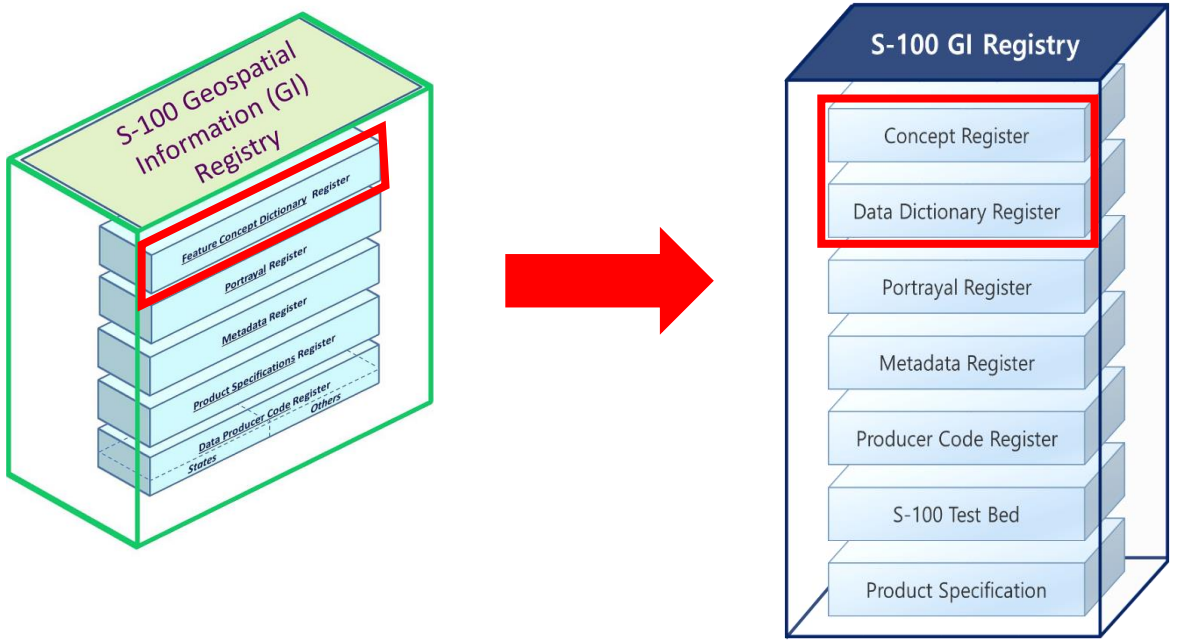


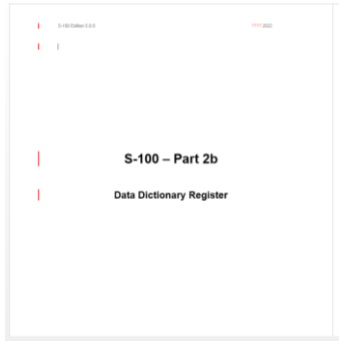




PRINCIPLE CHANGES (1)

- 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.

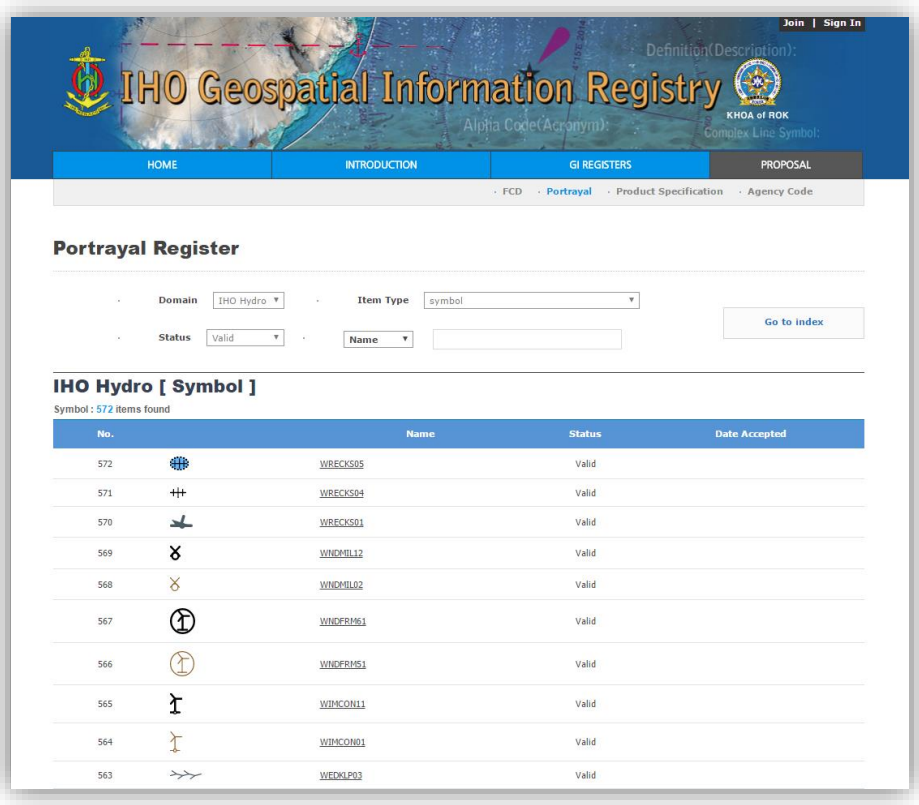


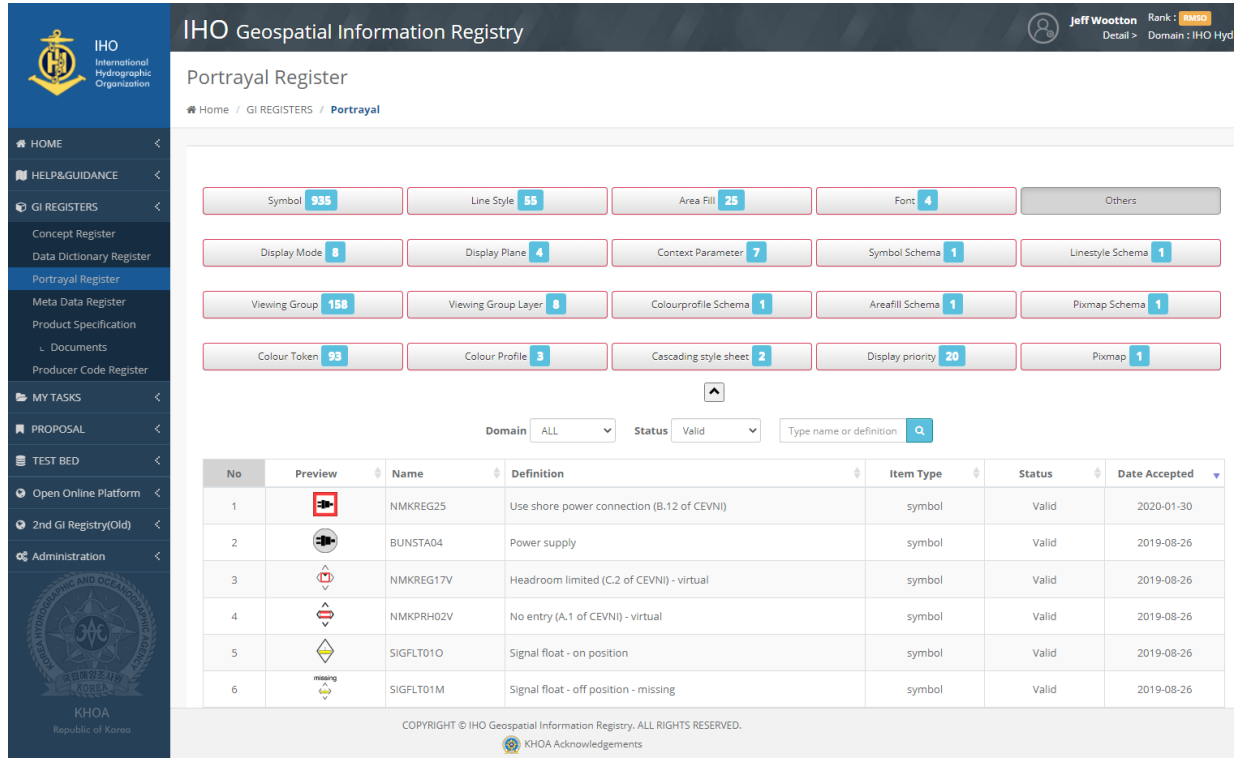


PRINCIPLE CHANGES (2)

International Hydrographic Organization

- Addition of new data types (Portrayal Register).

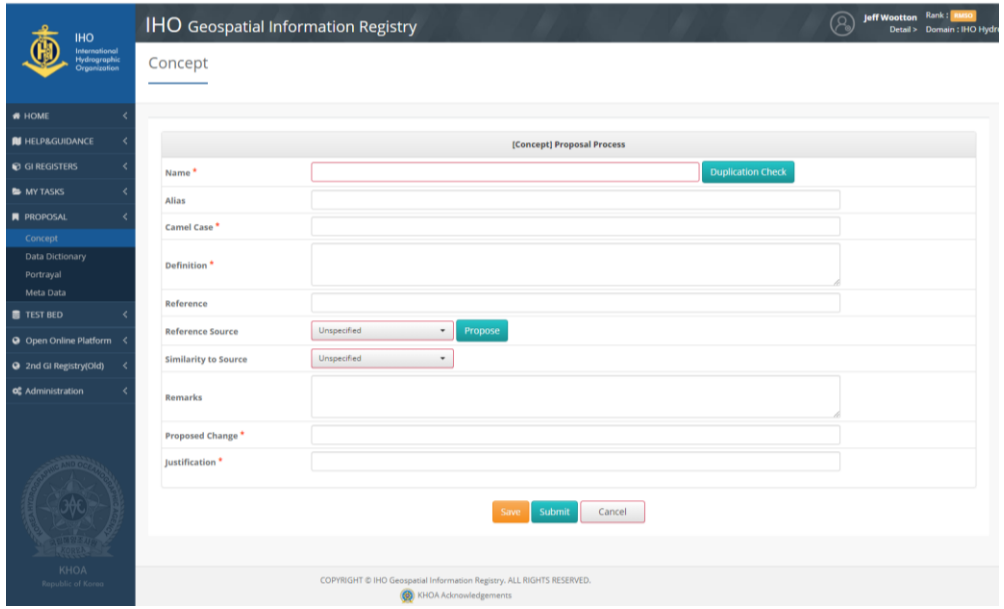


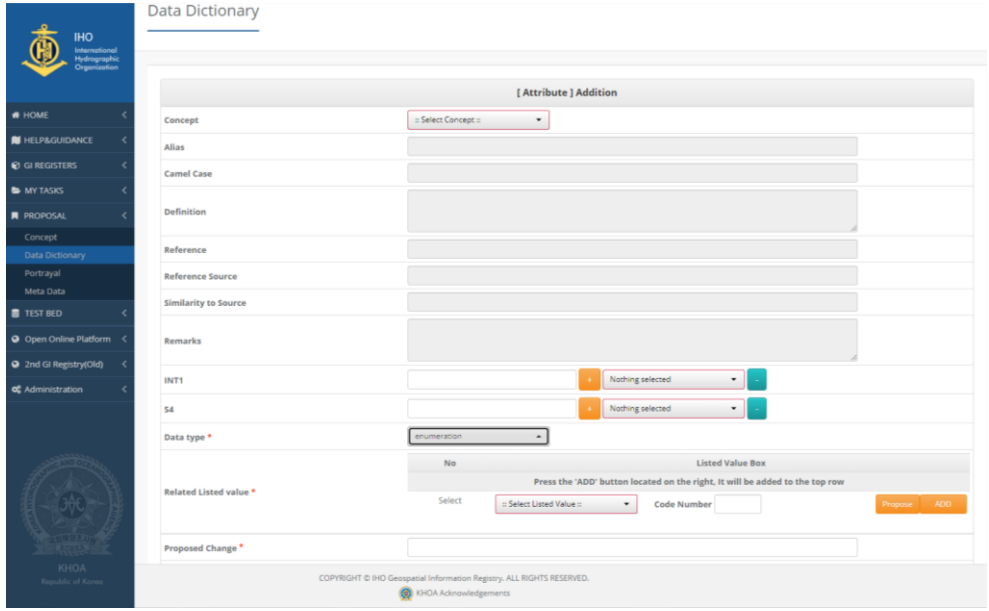


PRINCIPLE CHANGES (3)

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.



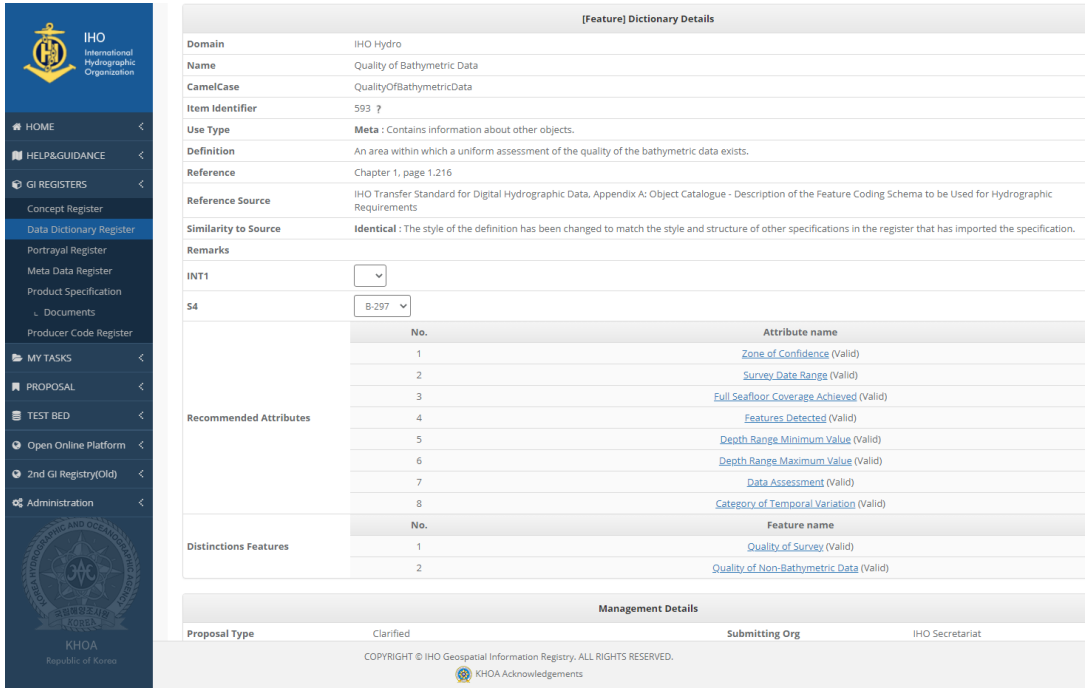


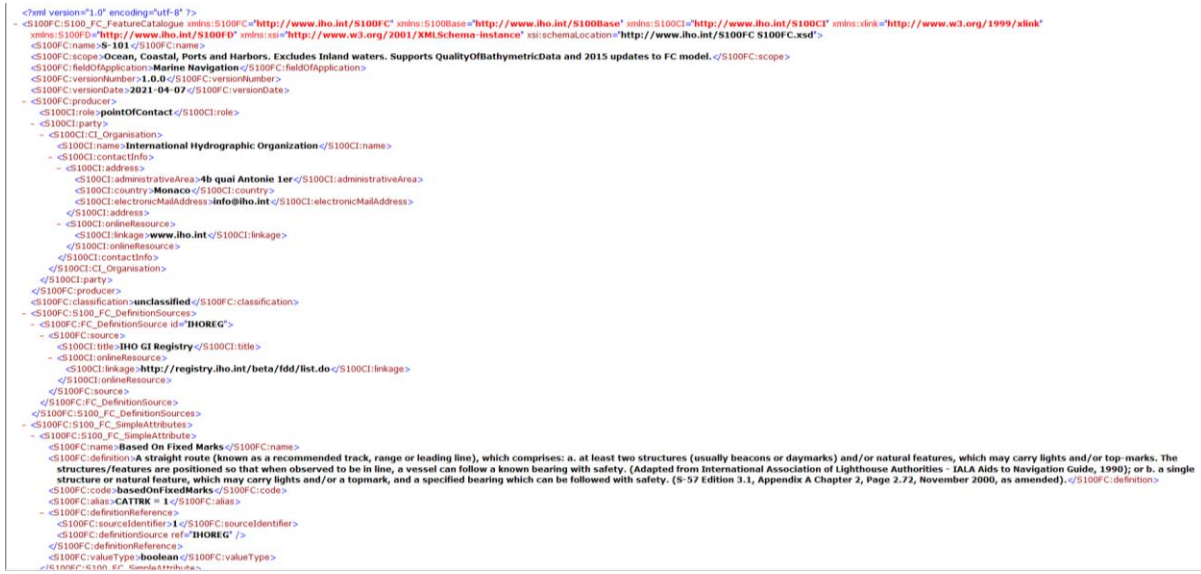
NOTE: There are other pending changes to the GI Registry that will also need to be incorporated in the revised S-100 Part 2, such as new proposed itemIdentifier (Agenda item 07) and inclusion of items to support implementation of Alerts and Indications.

OTHER CONSIDERATIONS

International Hydrographic Organization

- Ensure compatibility between the GI Registry and Feature and Portrayal Catalogue models.





RECOMMENDATIONS

- 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

- **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.