Meeting Partners

Reception Sponsor

Marine Domain Working Group update

IHO S-100WG

Jonathan Pritchard

26th February 2019

Activities this year

- **Activities this year:**
  - OGC Marine Domain Working Group has met 4 times in 2018 – in conjunction with OGC Technical Committee meetings. These are short sessions with presentations and a brief update on ongoing activities
  - A full day meeting held in conjunction with MSDIWG examines much closer the IHO/OGC interface and focuses effort in far more detail
  - A full day "marine summit" is being held in Singapore, collocated with the 110th OGC Technical Committee meeting. This will attract a wide variety of OGC (and non-OGC) participants. Relevant outputs will be reported to S-100WG following the summit

- **IHO S-100 interests continue to be served by MDWG's promotion of S-100 as a backbone standard for marine geospatial data.**

- **Outstanding Actions:**
  - Interest in Semantic Web. MDWG engaging OGC Semantic web community to research the modelling of concepts within IHO geospatial registry and explore the potential for interoperability outside prime use cases of S-100 data.

- **S-100WG is asked to**
  - Encourage member states to participate in OGC activities to increase marine representation in the OGC community.
  - Provide input to OGC initiatives. Involvement in activities can be coordinated through the MDWG co-chairs
  - Note the possibilities of greater interworking between IHO and OGC groups and shape the interface at a working level through closer cooperation with the MDWG

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Activities Detail

- Marine Geopackage
  - Build on past IHO initiatives
  - Build a geopackage encoding for S-100 vector data
  - Include comprehensive wishlist items such as feature catalogue, portrayal, topology, feature groups, information types, metadata
- S-121 Pilot Project
  - Launched. Call for Participation is out. Sponsored by CHS, GA and UKHO.
  - Work with sponsors through OGC for specific goals
    - Interoperability (COTS, FOSS4G)
    - Encodings, GML
- MSDI CDS
  - Consultation phase with stakeholders to examine MSDI concept in more detail and define reference implementation.
- GEBCO Seabed 2030
  - OGC MDWG represented at GEBCO Seabed 2030 meetings. Presented on benefits of standardisation. Ongoing

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