Royal Netherlands Navy
Hydrographic Service

Discussions subjects / Questions

NSHC TWG27

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Agenda item 4: Different S-111 layers (1)

In the feature NLHO wants to publish different S-111 layers of the water column.

For example:
- Top 5 metres of the sea surface
- Top 15 metres of the Sea surface
- Top 25 metres of the Sea surface
- Average of the total water kolom
- Near the botom

Question: is this possible and what about the naming of all those different S-111 layers?

Agenda item 4: Different S-111 layers (2)

11.2.3.1 Dataset MRN (Informative)

The dataset file name may be mapped to an MRN as follows:

urn:mrn:iho:s111:<ver>:<cccc>:<region>:<type>:<dtg>

where:

- The first part "urn:mrn:iho:s111" is common to all dataset URNs for S-111;
- The product specification version is represented by the "<ver>" part, for example, "2:0:0" for Edition 2.0.0;
- <cccc> represents the 4-character Producer Code;
- <region> represents the geographical region;
- <type> represents the data coding format, for example "type2" for regular grids;
- <dtg> represents the date/time component in the name.

This is an interim rule pending definition of an "S-100-wide" rule for MRNs and will be superseded by the "S-100-wide" rule when it is published.

Example: 111NL00_Den Helder_DCF2_20250101_0058.h5

Agenda item 4: S-401 Inland ECDIS

What about S-104, S-111 in relation to S-401. Are these layers compatible with S-401 or do we have to develop a S-404, S-41x layers?

S-411 is Dynamic Ice Information.

Agenda item 4: Rollout of the S-100 products

- Do the HOs already have a S-100 roll-out plan for the North Sea? *(For example first the ports, then the approaches and then the North Sea).*

The next question falls outside the scope of the TWG but is a topic that NL is thinking about (with regard to our Caribbean islands).

- Do the HOs have the ambition to produce S-104 and S-111 layers for the Caribbean Sea?

Agenda item 7: How HO's publish their separation models under INSPIRE

Geonovum (*National Spatial Data Infrastructure executive committee in the Netherlands*) would like to know how European HOs publish their separation models under INSPIRE.

Under the OF theme (*Oceanographic Geographical Feature*) or under the CRS theme (*Coordinate Reference System*)? and are they using a WFS or a WCS as a download service?

NLHO → LAT-matrix is classified under the OF theme.