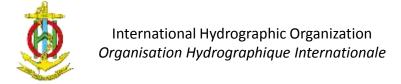
S-101 ENC Project Team

S-101 Feature Catalogue

Presented by KHOA





Overview

An S-100 based feature catalogue

- presents the abstraction of reality represented in one or more sets of geographic data as a defined classification of phenomena
- The basic level of classification in the feature catalogue is the feature type
- A feature catalogue shall be available in electronic form (for example XML)
- for any set of geographic data that contains features.



Overview

Fixed date range

Date end

Date start

Hortrontal dearance length

How to create the S-101 FC

0,1

(S) TD | 5.1

(S) TD: Q.1

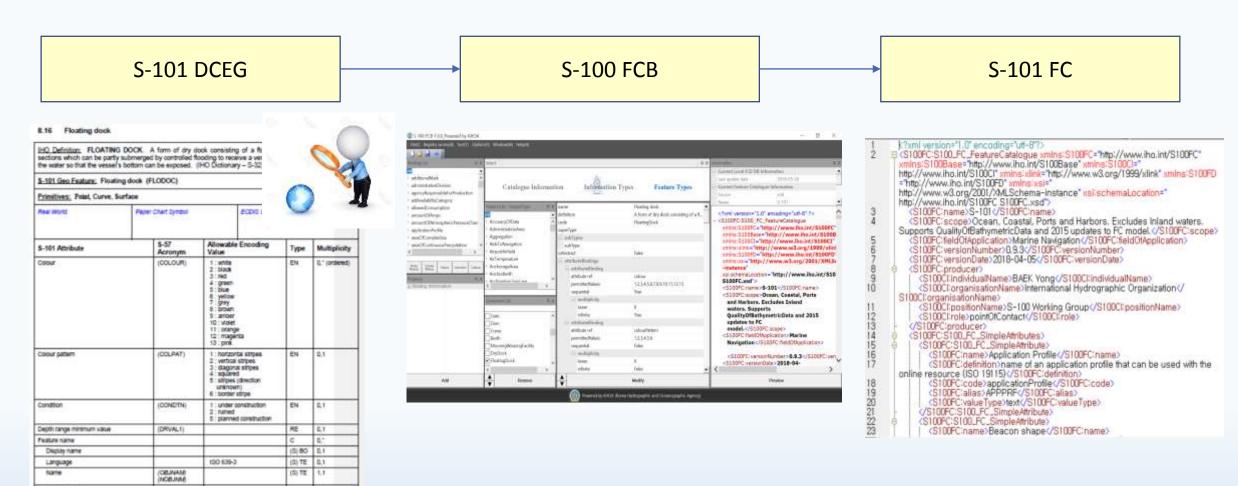
RE 0,1

150 8601: 2004

150 8601: 2004

Urganisation Hyarographique internationale

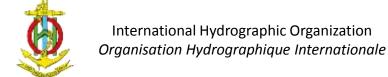
DATSTAL





Progress of S-101 FC

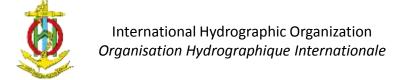
- KHOA FCB introduced to the TSMAD27 (2013)
- The baseline of S-101 FC was drafted (2014)
 - Which was used to draft the baseline of S-101 Portrayal Catalogue
- The S-101 FC was improved partially and used by S-100 test bed
 - Creation of S-101 PC
 - S-57 to S-101 Converter
 - S-101 Viewer
- S-101 FC was updated in 2018
 - Based on the S-101 DCEG introduced in the S-100WG3
 - Using the latest version of S-100 FCB





Current status

- Updated of S-101 FC
 - Equivalent with the S101_Data Classification and Encoding Guide_0.0.3_Working_20180302
 - All Associations was included
 - Additional information / Aids to navigation association
 - ASL aggregation / Bridge aggregation / Caution area association
 - Deep Water route aggregation / Fairway aggregation
 - Fairway auxiliary / Island aggregation / Pilotage district association
 - Range system aggregation / Spatial association / Structure/equipment
 - Text association / Traffic Separation Scheme aggregation
 - Two-way route aggregation / Updated information





Future plan

- Update of S-101 DCEG
 - If the S-101 DCEG was finalized in the S-101 PT meeting, the S-101 FC will be updated based on the final version.
 - Super type like Geo features, AtoN equipment, AtoN structure

