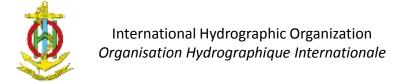
### S-101 ENC Project Team

# Report on the S-100 FCB

Presented by KHOA





### Overview

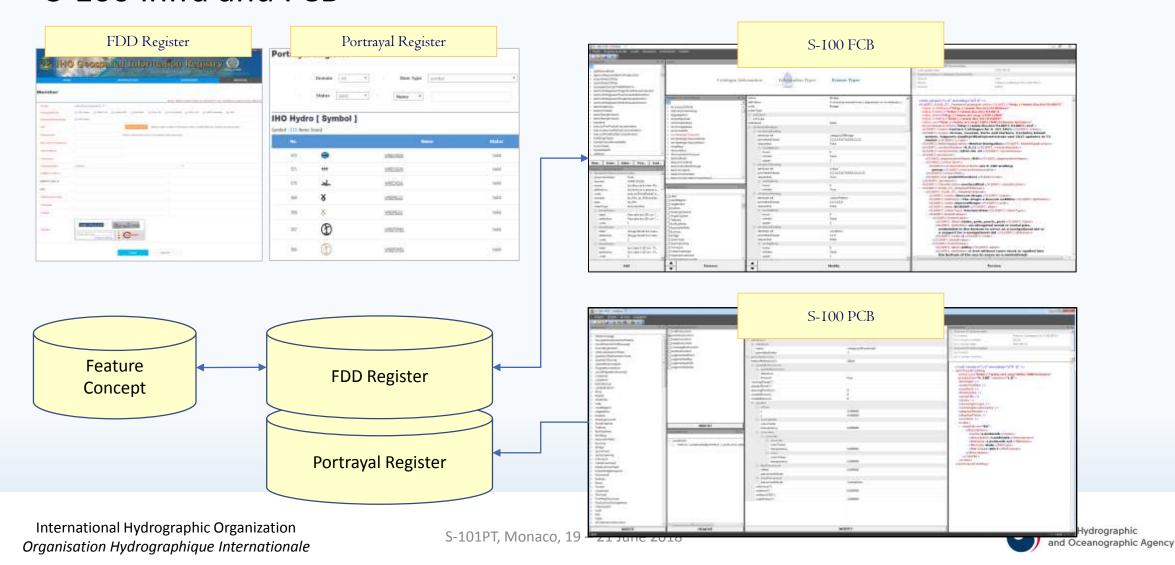
#### • S-100 FCB

- KHOA has developed the S-100 FCB (Feature Catalogue Builder) to support the S-100/S-10X Testbed
- and drafted the baseline of S-101 FC (Feature Catalogue)
- KHOA updated the S-100 FCB on topics which was the discussion results of S-100WG/TSM
- and several errors identified in the review process of S-100 FCB

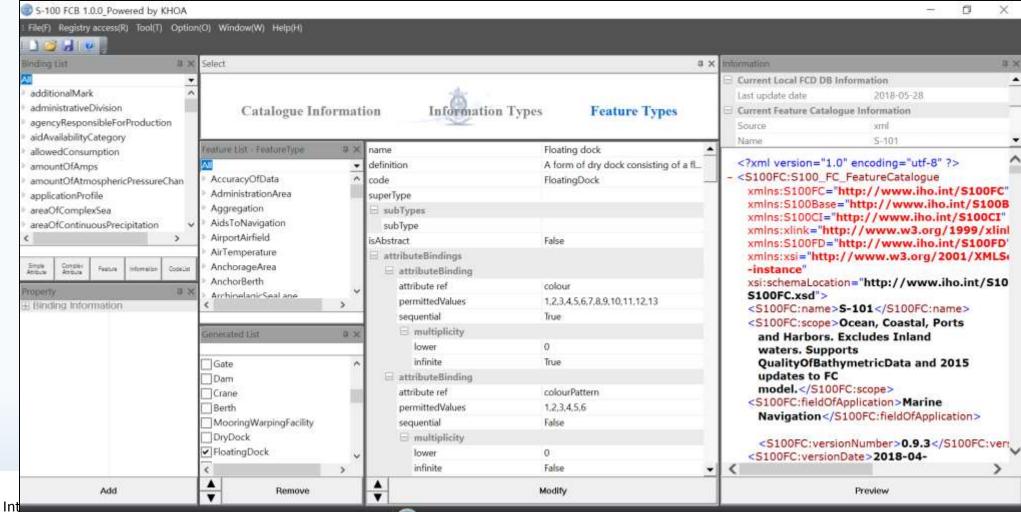


### Overview

### • S-100 infra and FCB



#### • S-100 FCB





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- Major updates
  - Feature / Information Associations

Aids to navigation association: <a href="IHO Definition">IHO Definition</a>: A feature association for the binding between navigational aids and the traffic systems (such as routeing measures) that they define.

#### Remarks:

No remarks.

Role Type	Role	Associated With	Multiplicity
Association	Consists of	Beacon Cardinal, Beacon Isolated Danger, Beacon Lateral, Beacon Safe Water, Beacon Special Purpose/General, Bridge, Building, Buoy Cardinal, Buoy Emergency Wreck Marking, Buoy Installation, Buoy Isolated Danger, Buoy Lateral, Buoy Safe Water, Buoy Special Purpose/General, Crane, Conveyor, Daymark, Fishing Facility, Floating Dock, Fortified Structure, Hulk, Landmark, Light Float, Light Vessel, Mooring/Warping Facility, Offshore Platform, Pile, Pipeline Overhead, Pontoon, Pylon/Bridge Support, Shoreline Construction, Silo/Tank, Span Fixed, Span Opening, Wind Turbine	1,*
	Component of	Archipelagic Sea Lane, Bridge, Deep Water Route, Fairway System, Traffic Separation Scheme, Two-Way Route	0,1



- Major updates
  - Feature / Information Associations

**Structure/equipment:** <u>IHO Definition:</u> A feature association for the binding between a navigation aid equipment feature and the structure that supports it.

#### Remarks:

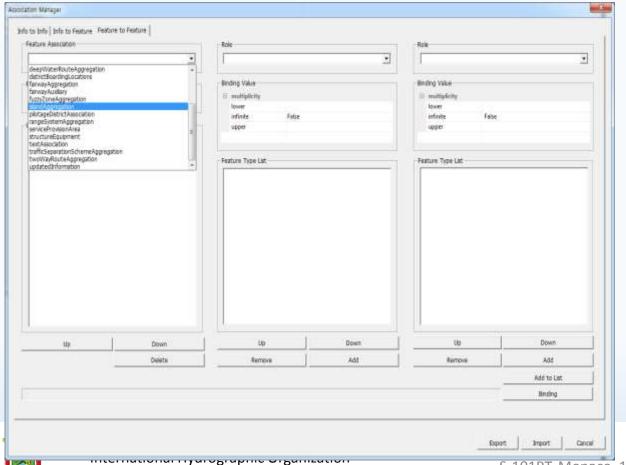
Valid structure and equipment features are listed in clause X.X.

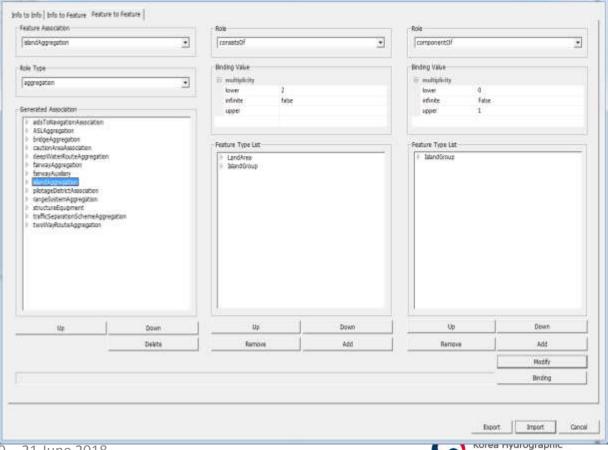
Role Type	Role	Associated With	Multiplicity
Composition	Supports	Daymark, Fog Signal, Light All Around, Light Fog Detector, Light Sectored, Physical AlS Aid to Navigation, Radar Reflector, Radar Transponder Beacon, Retroreflector, Signal Station Traffic, Signal Station Warning	1,*
	Supported by	Beacon Cardinal, Beacon Isolated Danger, Beacon Lateral, Beacon Safe Water, Beacon Special Purpose/General, Bridge, Building, Buoy Cardinal, Buoy Emergency Wreck Marking; Buoy Installation, Buoy Isolated Danger, Buoy Lateral, Buoy Safe Water, Buoy Special Purpose/General, Crane, Conveyor, Daymark, Fishing Facility, Floating Dock, Fortified Structure, Hulk, Landmark, Light Float, Light Vessel, Landmark, Mooring/Warping Facility, offshore Platform, Pile, Pipeline Overhead, Pontoon, Pylon/Bridge Support, Shoreline Construction, Silo/Tank, Span Fixed, Span Opening, Wind Turbine	0,1



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- Major updates
  - Feature / Information Associations





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Association Manager

### Future plan

- Function to create FC from the Application schema
  - Application schema is created by UML modeling tool like EA
  - EA can extract XML schema for the application schema
  - The function to link between application schema and FC

