



ARM6-5.1

STATUS REPORT ON S-200

Presentation for ARM 6

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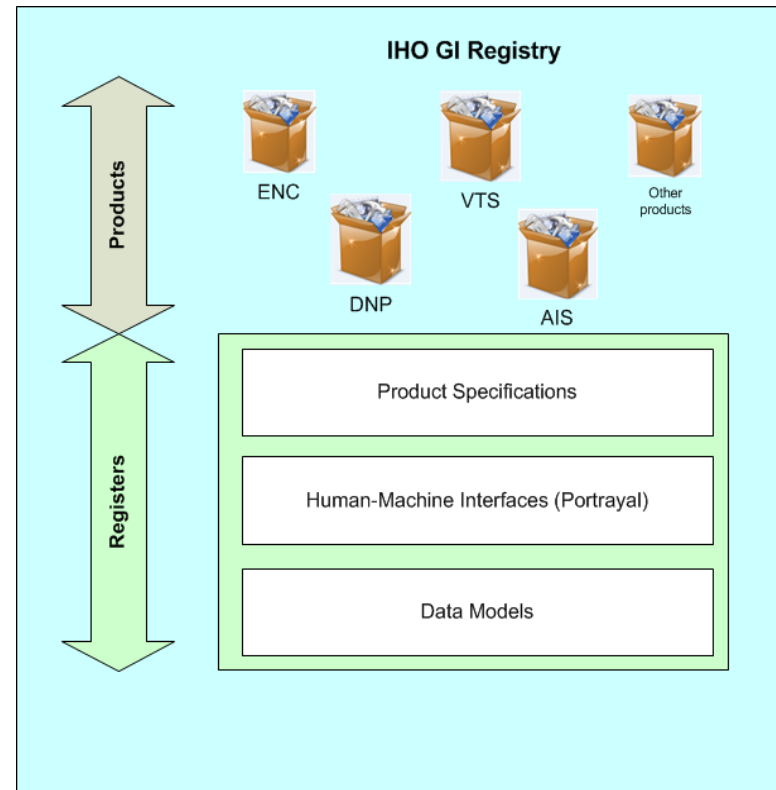


IHO S-100 – common baseline

International organizations
have agreed on need for CMDs
(IMO, IHO, IALA, WMO etc)

IHO S-100 GI Standard adopted
as a common framework

S-100 Product Specifications for
data exchange in MSP





IALA's role

- . IALA is approved as a Submitting Organization and Domain Controller by IHO
- . IALA Product Specifications compliant with the IHO S-100 standard, use the numbering series S-201 to S-299
- . IALA Domain covers:
 - AtoN
 - VTS
 - Positioning Systems
 - Communication Systems
 - AIS, ASM, VDES.



S-200 Status

Two Draft Product Specifications are posted for review:

- S-201 – AtoN Information (0.0.6)
- S-240 – DGNSS Almanacs (0.0.2)

Other specifications under development or planned, including S-210, IVEF - awaiting discussions in IHO on 'data streaming' and S-245, S-246, S-247 on eLoran

Further specifications will emerge from MSP development



Guidelines & Recommendations

The IALA recommendation on Product Specification Development and Management refers to the 'relevant guidelines'.

These are:

G-1106 on the Development of Product Specifications

G-1087 on the Management of the IALA Domain

Undergoing further revision as process develops.



S-201 status

Test Bed/Demonstration

- . Comments received from ARM and IHO now being considered by a TG
 - . A web application is being developed to demonstrate S-201 specification for data exchange between a Lighthouse Authority (Trinity House on behalf of IALA) and a Hydrographic Office (UKHO)
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The screenshot shows a web browser window with the address bar displaying `http://sample-env-1.qiemp9cwhf.us-west-2.elasticbeanstalk.com/basic/`. The browser window has a title bar with standard navigation buttons and a tab labeled "DATA EDITOR PROTOTYPE".

The application interface includes a menu bar with "File", "Edit", "View", "Favorites", "Tools", and "Help". Below the menu bar is a toolbar with icons for "Convert", "Select", and other functions.

The main workspace is titled "DATASET EDITOR - BASIC PROTOTYPE". It displays a table of beacon data with columns for ID, BeaconLateral, Cork Sand, and coordinates. The table contains 12 rows of data.

Below the table, there are input fields for "ID Code", "Inspection frequency", and "Availability category". There are also dropdown menus for "Beacon Shape" and "Colour", and a text input field for "Object Name (national language)".

On the left side, there is a sidebar with a list of features: "Beacons >", "Cardinal", "Lateral", "Special purpose or general", "Buoys >", "Cardinal", "Lateral", "Special purpose or general", "Fog signals", "Landmarks", "Lights", "Pile objects", "Radar transponder beacons", and "Topmarks".

At the bottom, there is a section for "Dataset information" which includes the text "S-100 Part 10b", "1.0", "S-201", "0.0.6", "GBZ0302ZX1_000.gml", "Example S-201 data", "2017-02-10", "en", "Sample dataset. Prepared for IALA and Trinity House by Raphael Malyankar.", and "transportation".

Below the dataset information, there are buttons for "Save", "Show/Hide Feature XML", and "Get dataset". A status bar at the bottom displays the text "To cancel or reset, just click another feature" and a series of status messages: "Updating BeaconCardinalUpdating BeaconCardinalUpdating BeaconCardinalUpdating BeaconLateralSaving...generating xmlSaving...generating xmlSaving...generating xmlSaving...generating xmlUpdating BeaconLateralUpdating BeaconLateral".



Summary of status

PS No.	Title	Developer	Field Manager	Status
S-201	Aids to Navigation Information	KRISO/Jeppesen/USCG	N Ward nick.ward@iala-aism.org	Draft 0.0.6 posted on IALA website for review, web application demo
S-210	Inter VTS Exchange Format	VTS WG2	-	Pending changes to S-100 to allow for data streaming applications
S-230	Application Specific Messages	e-NAV WG1	-	Developments planned
S-240	DGNSS Station Almanac	KRISO for e-NAV WG5	-	Draft 0.0.2 on IALA website for review, web application planned
S-245	eLoran ASF Data	KRISO	-	Development in progress
S-246	eLoran Station Almanac	KRISO	-	Development in progress
S-247	Differential eLoran refsta almanac	KRISO	-	Development in progress



QUESTIONS ?

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