



STATUS REPORT ON S-200

Presentation for ENAV 20

March 2017

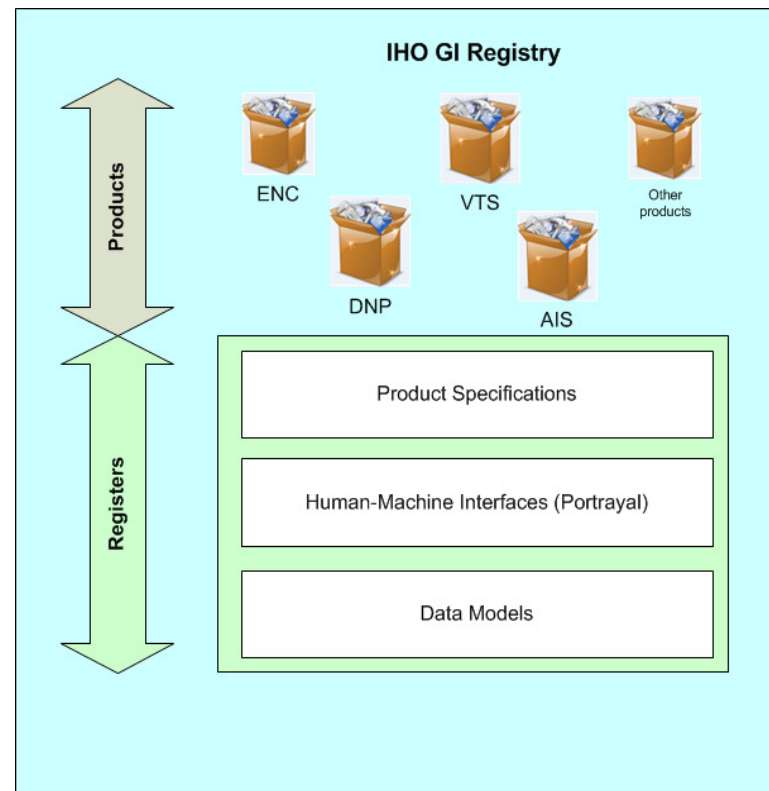


IHO S-100 – common baseline

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

- . IHO has approved IALA as a Submitting Organization and Domain Controller.
 - . IALA Product Specifications compliant with the IHO S-100 standard, use the numbering series S-201 to S-299
 - . IALA Domain covers:
 - Aids to Navigation (AtoN)
 - Vessel Traffic Services (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, Inter VTS Exchange Format - 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.



Test Bed/Demonstration

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).

Demonstration now expected to be carried out in April/May 2017.

Resulting report will be presented to ENAV 21 and may be a deliverable of the EfficienSea 2 Project.



Browser address bar: <http://sample-env-1.qiemp9cwhf.us-west-2.elasticbeanstalk.com/basic/>

File Edit View Favorites Tools Help

Convert Select

Page Safety Tools

DATASET EDITOR - BASIC PROTOTYPE

File: GBZ0302ZX1_000.gml
Title: Example S-201 data
Date: 2017-02-10

Add...

- Beacons >
 - Cardinal
 - Lateral
 - Special purpose or general
- Buoys >
 - Cardinal
 - Lateral
 - Special purpose or general
- Fog signals
- Landmarks
- Lights
- Pile objects
- Radar transponder beacons
- Topmarks

8	BeaconLateral	Cork Sand	021C000A53230001	51.9252255 1.4236958
9	BeaconLateral		021C000A55EA0001	51.9991038 1.2145294
10	BeaconLateral		021C000A55EC0001	52.0065033 1.2154505
11	BeaconLateral		021C000A55F20001	52.0029409 1.2362342
12	BeaconLateral		021C000A55F90001	51.9928945 1.2675678

ID Code: 021C000A55EC0001 Inspection frequency: TBD Availability category: Category 2

Beacon Shape: +unknown+ Colour: white black red green Object Name (national language):

Object Name:

Save Show/Hide Feature XML Get dataset

To cancel or reset, just click another feature

Updating BeaconCardinalUpdating BeaconCardinalUpdating BeaconCardinalUpdating BeaconLateralSaving...generating xmlSaving...generating xmlSaving...generating xmlSaving...generating xmlUpdating BeaconLateralUpdating BeaconLateral

Dataset information

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.
transportation



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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