

### Hydrographic Services and Standards Committee

### **S100 Registry Management Way Forward**

HSSC7-05.1B

### Introduction

The IHB submitted a paper at the final TSMAD meeting documenting the results of CL 77/2014 suggesting the following arrangements:

- IHB to appoint Ms Su Marks as Registry Manager upon retirement of Mr Barrie Greenslade, in accordance with the provisions of IHO Publication S-99;
- Outgoing and ingoing Registry Manager to plan and implement an handover period for administration tasks, in liaison with the IHB;
- S-100WG to identify issues requiring initiating development tasks before the end of 2015 and, if relevant, elaborate a short term development plan in connection with the adoption of S-100 Edition 2.0.0, taking into account the offers of ROK and USA;
- S-100WG to review the options to continue the operation and development of the Registry beyond 31 December 2015 in connection with the preparation of the IHO Budget for 2016;
- S-100WG to report to HSSC-7



## **IHO GI Registry**

## **Registers – Feature Concept Dictionaries**

-Hydro -PENC

-NPUBs -AIS

-ICE -ATONs

-MIO -VTS

-InlandENC
-WXO (Weather)



## **IHO GI Registry**

- → Portrayal Register
- + Metadata Register
- + Data Producer Codes
- + Product Specification



# **IHO Register (Current Status)**

- Feature Concept Dictionary
- + Portrayal





## IHO FCD (Current Status)

- NOAA is in the process of fixing interface issues on a clone server
- Attribute proposal mechanism is broken
- Hope to have the fixes completed, tested and deployed by November.



## Feature Catalogue Builder

- Developed by KHOA
- Connecting to a test version of the database
- IEHG has tested the functionality and have found some issues
- Once the register is upgraded to S-100 2.0.0
   the FCB will establish a connection and be made available for product specification developers



# IHO Feature Concept Dictionary (future plans)

- + Needs to be updated to S-100 2.0.0
  - Codelist support and other changes to the model
- FCB will need to connect to the updated Register
- Will include updating the proposal and administration interfaces
- → Estimated Completion late 2015



## S-100 GI Registry

- KHOA is funding the rebuild of the interfaces
- Utilizing their national registry as a baseline









### Korea Marine Geospatial Information Registry



номе	INTRODUCTION	PROPOSAL	ADMINISTRATION
		· FCD · Portrayal	· Product Specification

#### Proposal: FCD

	Writing Type		
Item Type:	Feature Type ▼		
Proposal Type :	Addition ▼		
Domain :	HYDRO ▼		

Continue

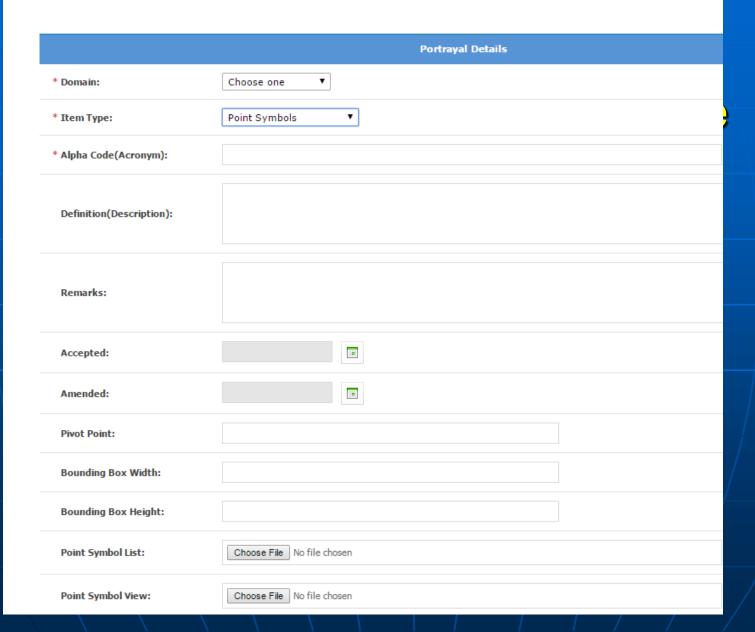


# IHO Portrayal Register (current status and future plans)

- Existing tables did not leverage RDMS design patterns
- Incompatible with the model outlined in S-100 edition 2.0.0
- IHB contracted Caris to provide a new portrayal register database



#### Proposal: Portrayal





## IHO PCB (Current Status)

- Essentially complete
- Not yet able to give it a thorough test due to all the other S-100 Registry Issues
- Will need to update the PCB connection to the new Portrayal Register model



### Conclusions

- Making progress in stabilizing the infrastructure
- The need for an S-100 Registry Manager still needs to be addressed by the IHO
  - Need to know databases and basic web programming



## Action requested of HSSC

- Endorse the work of the Republic of Korea regarding the updated S-100 GI Registry
- Note the efforts of Su Marks and NOAA for managing the current S-100 GI Registry
- Agree to hire or contract a full time S-100
   Register manager with the appropriate skillset out lined in CL 77/2014

