



2nd IHO Geospatial Information Registry Workshop

Proposal process to the S-100 GI Registry(3.1)

12-13 December 2022, IHO Secretariat, Monaco



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PROPOSAL TYPES (1/5)

International
Hydrographic
Organization

- 3 different management processes on the GI registry

1) Full process

: Submitting Organization (SO) → Register Manager (RM) → Domain Control Body (DCB)

→ Register Manager (RM)

2) Semi-process

2-1) A type

: Submitting Organization (SO) → Domain Control Body (DCB) → Register Manager (RM)

2-2) B type

: Submitting Organization (SO) → Register Manager (RM)

3) Manager Only

: Register Manger (RM)



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PROPOSAL TYPES (2/5)

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1) Full process

: Submitting Organization (SO) → Register Manager (RM) → Domain Control Body (DCB)

❖ Items for Full process

- a. Concept Register
- b. Portrayal Register : Symbol, Line, Area, Font



Submit(SO)



Check(RM)



Review(DCB)



Finalize (RM)



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PROPOSAL TYPES (3/5)

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2) Semi-process

: Submitting Organization (SO) → Domain Control Body (DCB) → Register Manager (RM)

❖ Items for Semi-process

a. Data Dictionary



Submit(SO)



Review(DCB)



Finalize (RM)



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PROPOSAL TYPES (3/5)

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2) Semi-process

: Submitting Organization (SO) → Domain Control Body (DCB) → Register Manager (RM)

❖ Items for Semi-process

a. Data Dictionary



Submit(SO)



Review(DCB)



Finalize (RM)



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PROPOSAL TYPES (4/5)

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3) Simplified-process (A type)

: Submitting Organization (SO) → Register Manager (RM)

❖ Items for Semi-process

- a. Portrayal Register : Pixmap, Viewing Group, Viewing Group Layer, Display Mode, Display Plane, Context Parameter, Color Token, Color Profile, CSS, Display Priority
- b. Meta Data Register



Submit(SO)



Finalize (RM)



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PROPOSAL TYPES (5/5)

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3) Simplified-process (B type)

: Register Manager (RM)

❖ Items for Manger

- a. Portrayal Register : Symbol Schema, Linestyle Schema, Areafill Schema, Pixmap Schema, Colorprofile Schema



Domain



Finalize (RM)



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DEMO: FULL PROCESS (1/3)

International Hydrographic Organization

Senario_01) Propose a concept “issueDate”, “Category of Pilot Boarding Place”, “Surface Current”, “Surface Current Speed”, “Surface Current Direction” by Concept Register

Proposal > Concept > Addition > type necessary information of concept

The screenshot displays the 'S-100 Geospatial Information Registry' web application. The user is logged in as 'Yong BAEK' with rank 'RMSO'. The interface shows a navigation menu on the left with options like HOME, HELP&GUIDANCE, GI REGISTERS, MY TASKS, PROPOSAL, Concept, Data Dictionary, Portrayal, Meta Data, TEST BED, and Administration. The main content area is titled 'Concept' and contains a form for '[Concept] Proposal Process'. The form fields are as follows:

[Concept] Proposal Process	
Name *	<input type="text" value="temperature"/> Duplication Check
Alias	<input type="text"/>
Camel Case *	<input type="text" value="temperature"/>
Definition *	<input type="text" value="the measurement in degrees of how hot or cold a thing or place is"/>
Reference	<input type="text"/>
Reference Source	<input type="text" value="Unspecified"/> Propose
Similarity to Source	<input type="text" value="Unspecified"/>
Remarks	<input type="text"/>
Proposed Change	<input type="text"/>
Justification	<input type="text"/>

At the bottom of the form, there are 'Save' and 'Submit' buttons.



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DEMO : FULL PROCESS (2/3)

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- **After the submission of Submitting Organization, Register Manager shall find new proposal at “MY TASKS” and check that the proposal is acceptable or not**
- **After the Register Manager allows it to next step, Domain Control Body shall review and make a decision for the proposal**
- **As the proposal accepted by Domain Control Body, Register Manager shall confirm and notify the acceptance to the proposer**
- **Anyone who is interested in S-100/10X World, Shall find the new concept in GI REGISTERS > Concept Register**



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DEMO : FULL PROCESS (3/3)

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- Senario_02) Propose a new symbol “ACHARE51” which means anchorage area
 - Proposal > Portrayal > Addition > “symbol” type and choose domains

Submit a required information for “symbol”

Type basic information such as symbol name, definition and choose item schema

Upload a preview image and engineering image for other users

After the submission by Submitting Organization,

Register Manager shall check that the proposal is acceptable or not

Domain Control Body shall review and make a decision for the proposal

As the proposal accepted by Domain Control Body,

Register Manager shall confirm and notify the acceptance to the proposer

New symbol would be uploaded to Registry DB and GI REGISTERS pages



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Q & A