

IHO Geospatial Information Registry review



Lindsay Perryman
for the S-129 PT
23 March 2022

IHO Geospatial Information Registry

- 'Landing page' for the IHO Geospatial Information Registry.
- <https://registry.iho.int/main.do>

IHO Geospatial Information Registry

Welcome to the IHO Geospatial Information Registry (Version 3.1)

This Registry is owned by the International Hydrographic Organization (IHO) and is managed by the Secretariat of the IHO. The site contains several Registers of hydrographic related information administered by specialist domain experts. Each Register type may be further sub-divided into Domains, for example Hydrographic, Nautical Publications, Ice, Weather, and Inland ENC. The administration of this Registry conforms to IHO Publication S-99 (Operational Procedures for the Organization and Management of the IHO Geospatial Information Registry), a copy of which can be downloaded [here](#).

The information contained in the Registry can be freely accessed, however items can only be added or changed by the representatives of approved Submitting Organizations. Application to become a Submitting Organization representative can be made by fulfilling the requirements of the prerequisite form available [here](#). Once accepted as a Submitting Organization representative you are free to submit proposals to any Register. The Registry interface undergoes periodic improvements and any difficulties using this site should be reported to the [Registry Manager](#).

Please note: It is not necessary to be a Submitting Organization in order to request new (S-62) Data Producer codes. Requests for new Data Producer codes or changes to existing codes should be sent to the following email addresses (info@iho.int and tss@iho.int).

Notifications

- Released NEW S-100 Standard Toolkit Launcher
- Released S-100 FC Builder v2.1.0
- Released S-100 DCEG builder 0.8.0
- Opened NEW Beta Registry 3.1

Progress

Register

Complex: 92

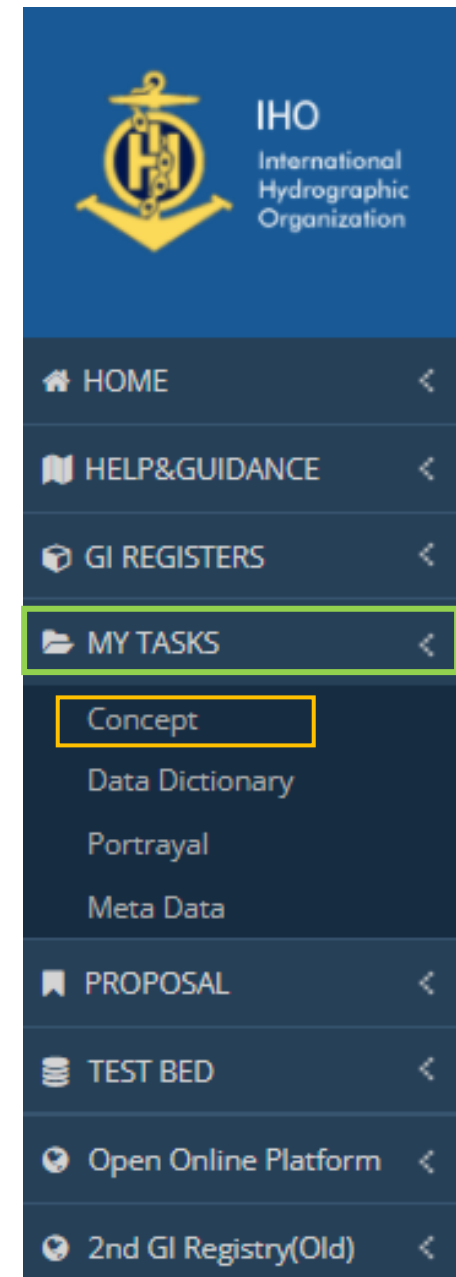
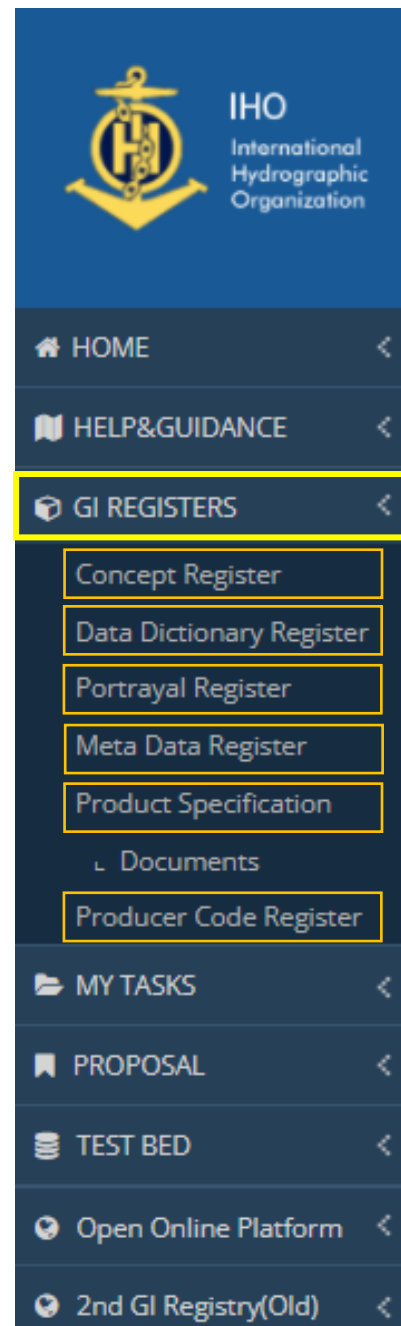
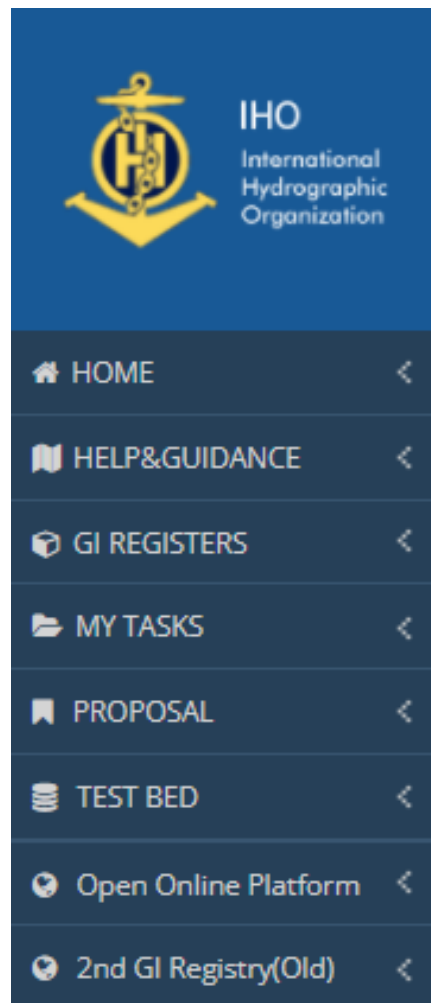
Development Status

ID	Currents	Schedule
S-127	Published	
S-128	Stakeholder Review	2020-01-01
S-129	Published	2019-06-30

Product

Approval: 1

COPYRIGHT © IHO Geospatial Information Registry. ALL RIGHTS RESERVED.
KHQA Acknowledgements





IHO
International
Hydrographic
Organization

IHO Geospatial Information Registry

Concept Register

[Home](#) / [MY TASKS](#) / [Concept Register](#)

[HOME](#)

[HELP&GUIDANCE](#)

[GI REGISTERS](#)

[MY TASKS](#)

[Concept](#)

[Data Dictionary](#)

[Portrayal](#)

[Meta Data](#)

[PROPOSAL](#)

[TEST BED](#)

[Open Online Platform](#)

[2nd GI Registry\(Old\)](#)



KHOA
Republic of Korea

[Works](#)

[Submitted](#)

[Saved](#)

Show history ☐

Progress

All

Category

Name



No	Name	Status	Decision Status	Proposal Type	Proposed By	Date Proposed
1	Sea Surface	Processing	Transferred	Addition	Raphael Malyankar	2022-02-16
2	Hydrographic Zero	Processing	Transferred	Addition	Raphael Malyankar	2022-02-16
3	Route Waypoint Extensions	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
4	Route Waypoint Leg Starboard CL	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
5	Route Waypoint Leg Geometry Type	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
6	Route Waypoint Leg SOG Min	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
7	Route Waypoint Leg SOG Max	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
8	Route Waypoint Leg STW Max	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
9	Route Waypoint Leg STW Min	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
10	Route Waypoint Leg Draft	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
11	Route Waypoint Leg Draft Forward	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
12	Route Waypoint Leg Draft Aft	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16

Showing 1 to 20 of 89 rows

20

rows per page

< 1 2 3 4 5 >

COPYRIGHT © IHO Geospatial Information Registry. ALL RIGHTS RESERVED.



KHOA Acknowledgements



Concept Register

Home / MY TASKS / Concept Register

- HOME
- HELP&GUIDANCE
- GI REGISTERS
- MY TASKS
- Concept
- Data Dictionary
- Portrayal
- Meta Data
- PROPOSAL
- TEST BED
- Open Online Platform
- 2nd GI Registry(Old)



KHOA
Republic of Korea

Works Submitted Saved

Show history

Progress

All

Category

Name



No	Name	Status	Decision Status	Proposal Type	Proposed By	Date Proposed
81	Route Info Air Draft Max	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
82	Route Info Beam Max	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
83	Route Info Length Max	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
84	Route Info Extensions	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
85	International Great Lakes Datum 2020	Processing	Transferred	Addition	Raphael Malyankar	2022-02-16
86	Global Location Number	Processing	Transferred	Addition	Raphael Malyankar	2022-02-16
87	AtoN	Processing	Transferred	Retirement	Gael Billet	2022-02-24
88	Real AIS AtoN	Processing	Transferred	Retirement	Gael Billet	2022-02-24
89	Virtual AIS AtoN	Processing	Transferred	Retirement	Gael Billet	2022-02-24

Showing 81 to 89 of 89 rows 20 rows per page

1 2 3 4 5

Concept Register

Home / MY TASKS / Concept Register

WorksSubmittedSaved

Show history

ProgressAll

CategoryName

Proposal Status

SO : Raphael Malyankar [SO]

Progress: Transferred

RM	IHO Secretariat	Jeff Wootton	transfer	02:52:14 PM / 2022-02-16
DCB	WMO	Hillary Fort	Not yet determined	-
DCB	IALA	Minsu Jeon	accept	04:11:48 PM / 2022-03-01
DCB	IEC	Kim Fisher	accept	07:35:00 PM / 2022-02-25
DCB	IENC	Denise LaDue	Not yet determined	-
DCB	IHO Secretariat	Jeff Wootton	accept	02:56:38 PM / 2022-02-16
DCB	IHO (S-100WG)	Lindsay Perryman	Not yet determined	-
DCB	IHO (S-100WG)	Elizabeth Haessy	Not yet determined	-

LIST

Accept

Reject

Supplement

Concept Details

Name	International Great Lakes Datum 2020
Alias	IGLD 2020
CamelCase	InternationalGreatLakesDatum2020
Definition	The 2020 update to the International Great Lakes Datum, the official reference system used to measure water level heights in the Great Lakes, connecting channels, and the St. Lawrence River system.
Reference	
Reference Source	Coordinating Committee on Great Lakes Basic Hydraulic and Hydrologic Data (Detail view)
Similarity to Source	Restyled
Remarks	Unlike the previous two IGLDs, this datum update will use a geoid-based vertical datum that will be accessible using global navigation satellite systems (GNSS) such as the Global Positioning System (GPS).

Management Details

Proposal Type	Addition	Submitting Org	IHO (S-100WG)
Successor	--	Date Proposed	2022-02-16
Predecessor	--	Date Accepted	
Proposed Change	new		
Justification	Requested by TWCWG for water level product(s)		

DDR Binding Contents

No data

Please leave your comments

Lindsay Perryman

Raphael Malyankar
02:15:44 AM / 2022-02-16

Save

The style of the definition is different from IGLD 1985 because the method of realization has changed

Concept Register

Works

Submitted

Saved

Show history

Progress

All

Category

Name

Q

Proposal Status

Progress: Transferred

SO :

Elena Maria Gnehm
[SO]

RM	IHO Secretariat	Jeff Wootton	transfer	07:37:50 PM / 2021-11-19
DCB	WMO	Hillary Fort	Not yet determined	-
DCB	IALA	Minsu Jeon	Not yet determined	-
DCB	IEC	Kim Fisher	Not yet determined	-
DCB	IENC	Denise LaDue	accept	01:45:45 AM / 2022-02-05
DCB	IHO Secretariat	Jeff Wootton	accept	10:37:15 PM / 2021-11-22
DCB	IHO (S-100WG)	Lindsay Perryman	negotiation	02:14:28 PM / 2022-01-18
DCB	IHO (S-100WG)	Elizabeth Hahessy	Not yet determined	-

LIST

Accept

Reject

Supplement

Concept Details	
Name	V-AIS Out Of Service
Alias	
CamelCase	vAISOutOfService
Definition	Virtual AIS aid to navigation is extinguished.
Reference	
Reference Source	IHO WWNWS-SC (Detail view)
Similarity to Source	Identical
Remarks	

Management Details			
Proposal Type	Addition	Submitting Org	IHO (WWNWS)
Successor	--	Date Proposed	2021-11-18
Predecessor	--	Date Accepted	
Proposed Change	Add new attribute.		
Justification	Required for S-124.		

DDR Binding Contents
No data

Please leave your comments

Lindsay Perryman

Lindsay Perryman

02:14:22 PM / 2022-01-18

Save

Is "extinguished" the correct term for a virtual AIS not working, after all it is, in essence, an electronically generated symbol.
Would "Virtual AIS aid to navigation is out of service due to a technical issue or maintenance" better fit the name of the concept and also align it more closely with the definition for the 'AIS Transmitter Out Of Service' concept?

Concept Register

[Home](#) / [MY TASKS](#) / [Concept Register](#)

[HOME](#) <

[HELP&GUIDANCE](#) <

[GI REGISTERS](#) <

[MY TASKS](#) <

Concept

Data Dictionary

Portrayal

Meta Data

[PROPOSAL](#) <

[TEST BED](#) <

[Open Online Platform](#) <

[2nd GI Registry\(Old\)](#) <

[Works](#)

[Submitted](#)

[Saved](#)

Show history ☐

Progress

Transferred

Category

Name

[Q](#)



Export data

No	Name	Status	Decision Status	Proposal Type	Proposed By	Date Proposed
1	Sea Surface	Processing	Transferred	Addition	Raphael Malyankar	2022-02-16
2	Hydrographic Zero	Processing	Transferred	Addition	Raphael Malyankar	2022-02-16
3	Route Waypoint Extensions	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
4	Route Waypoint Leg Starboard CL	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
5	Route Waypoint Leg Geometry Type	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
6	Route Waypoint Leg SOG Min	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
7	Route Waypoint Leg SOG Max	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
8	Route Waypoint Leg STW Max	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
9	Route Waypoint Leg STW Min	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
10	Route Waypoint Leg Draft	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
11	Route Waypoint Leg Draft Forward	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16
12	Route Waypoint Leg Draft Aft	Processing	Transferred	Addition	KWANGIL LEE	2022-02-16

Showing 1 to 20 of 89 rows

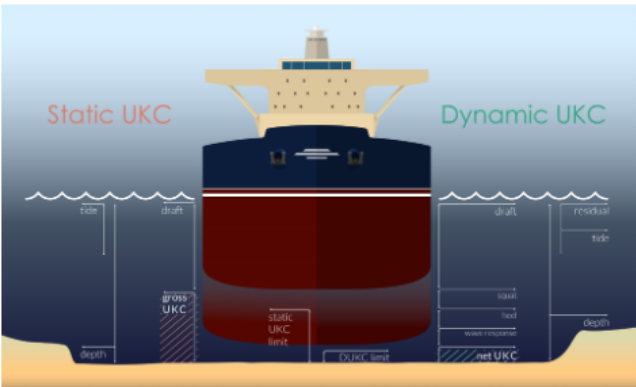
20

rows per page

< 1 2 3 4 5 >

No	Name	Status	Decision Status	Proposal Type	Proposed By	Date Proposed	Consideration by S-129 PT Y/N	If YES - Accept Reject or Comment	Processed	Comment
1	Route Format Version	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Nil
2	Route ID	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
3	Route Edition No	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
4	Route Extensions	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
5	Route Action Points Extensions	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
6	Route Action Point ID	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
7	Route Action Point Name	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
8	Route Action Point External Reference	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
9	Route Action Point Radius	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
10	Route Action Point Time to Act	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
11	Route Action Point Required Action	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted and amended definition agreed.
12	Route Action Point Required Action Description	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
13	Route Action Point Extensions	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
14	Route Waypoints Extensions	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
15	Route Waypoint Name	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
16	Route Waypoint ID	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
17	Route Waypoint External Reference ID	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
18	Route Waypoint Fixed	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
19	Route Waypoint Turn Radius	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
20	Route Waypoint Leg Starboard XTDL	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Nil
21	Route Waypoint Leg Port XTDL	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Nil
22	Route Waypoint Leg Port CL	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Nil
23	Route Waypoint Leg Safety Contour	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
24	Route Waypoint Leg Safety Depth	Processing	Transferred	Addition	KWANGIL LEE	18/01/2022	N		<input checked="" type="checkbox"/>	Jeff's comment noted
25	Sea Surface	Processing	Transferred	Addition	Raphael Malyankar	16/02/2022	None to date			
26	Hydrographic Zero	Processing	Transferred	Addition	Raphael Malyankar	16/02/2022	None to date			
27	Route Waypoint Extensions	Processing	Transferred	Addition	KWANGIL LEE	16/02/2022	None to date			
28	Route Waypoint Leg Starboard CL	Processing	Transferred	Addition	KWANGIL LEE	16/02/2022	None to date			
29	Route Waypoint Leg Geometry Type	Processing	Transferred	Addition	KWANGIL LEE	16/02/2022	None to date			
30	Route Waypoint Leg SOG Min	Processing	Transferred	Addition	KWANGIL LEE	16/02/2022	None to date			
31	Route Waypoint Leg SOG Max	Processing	Transferred	Addition	KWANGIL LEE	16/02/2022	None to date			
32	Route Waypoint Leg STW Max	Processing	Transferred	Addition	KWANGIL LEE	16/02/2022	None to date			
33	Route Waypoint Leg STW Min	Processing	Transferred	Addition	KWANGIL LEE	16/02/2022	None to date			
34	Route Waypoint Leg Draft	Processing	Transferred	Addition	KWANGIL LEE	16/02/2022	None to date			
35	Route Waypoint Leg Draft Forward	Processing	Transferred	Addition	KWANGIL LEE	16/02/2022	None to date			
36	Route Waypoint Leg Draft Aft	Processing	Transferred	Addition	KWANGIL LEE	16/02/2022	None to date			
37	Route Waypoint Leg Draft Max	Processing	Transferred	Addition	KWANGIL LEE	16/02/2022	None to date			
38	Route Waypoint Leg Air Draft Max	Processing	Transferred	Addition	KWANGIL LEE	16/02/2022	None to date			

Sharing of key documents and information relating to the S-129 Under Keel Clearance Management product specification for electronic navigation charts



S-129PT specific content



News

+ Add ▾



IHO Geospatial Registry - review of S-124 PT concepts
The S-124 Project Team is a subset of the IHO's World-Wide Navigational Warning Service...
Perryman, Lindsay 24 November 2021

Quick links

- Learn about a team site
- Learn how to add a page

Contact

Perryman, Lindsay
Adv Pilotage (UKC)



Thank you

Questions?