



MBSHC-24

Information Management Update

Agenda Item 04.3A



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CONTENT

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- 1. Current IHO website ([link](#)): IHO Yearbook P-5, Strategic Plan, S-100 Roadmap...**
- 2. ...towards the IHO Portal (registration, meetings,...) iaw @C7/42 ([link](#))**
- 3. INTToGIS III Update**



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INTOGIS III: 2024 PLANNING

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GOAL

October 10 INTOGIS III commissioning announced by IHO CL

- After completion of **Internal IHO Secretariat Test** ...
- ... Followed by completion of **external test** with RHCs Coordinator

PLAN

1. **[MAY]** **Completion of the development of INTOGIS III version 1.0**
 - Version 1.0 to be testbed, User manual version 1.0, Test data set, if appropriate for each S-1xx products
2. **[JUN]** **Completion of Internal IHO Secretariat Test on INTOGIS III version 1.0**
 - Report on correction action and improvement* of testing
 - * N(Necessary), I(Important), NtD (Nice-to-do)
 - Implement correction item including updating to user manual
3. **[JUL - AUG]** **Testing Phase by RHC S-100 Coordinators**
 - Report on testing outcome, Amend INTOGIS III and user manual version 1.x
4. **[10 OCT]** **Commissioning of INTOGIS III version 2.0 by IHO CL**



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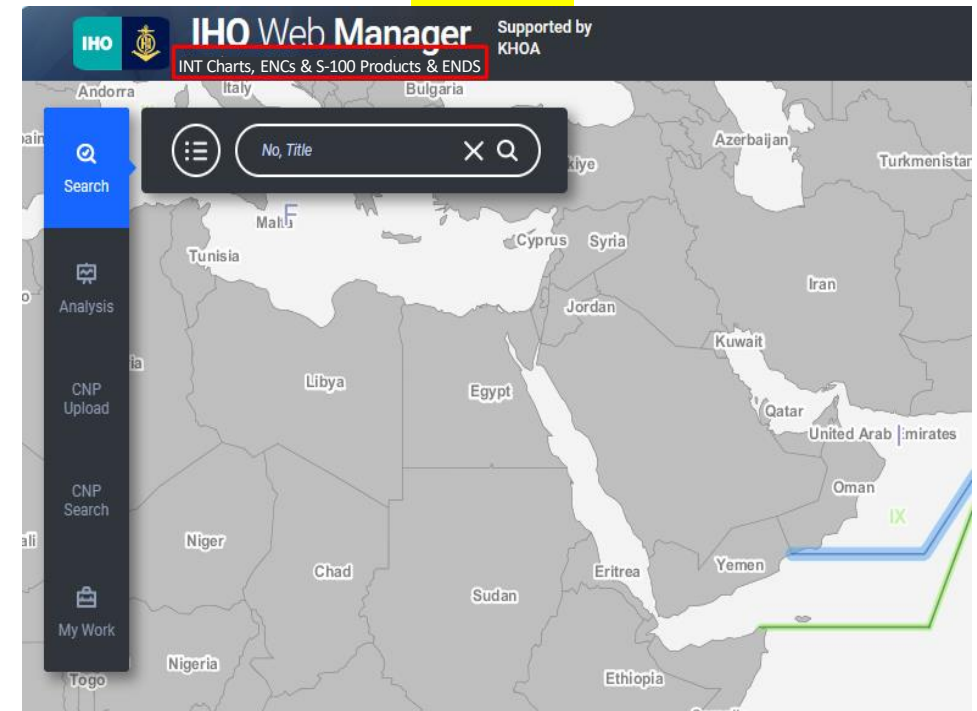
❖ Change the main title to read

- INT Charts, ENC's & S-100 Products & ENDS

AS-IS



TO-BE





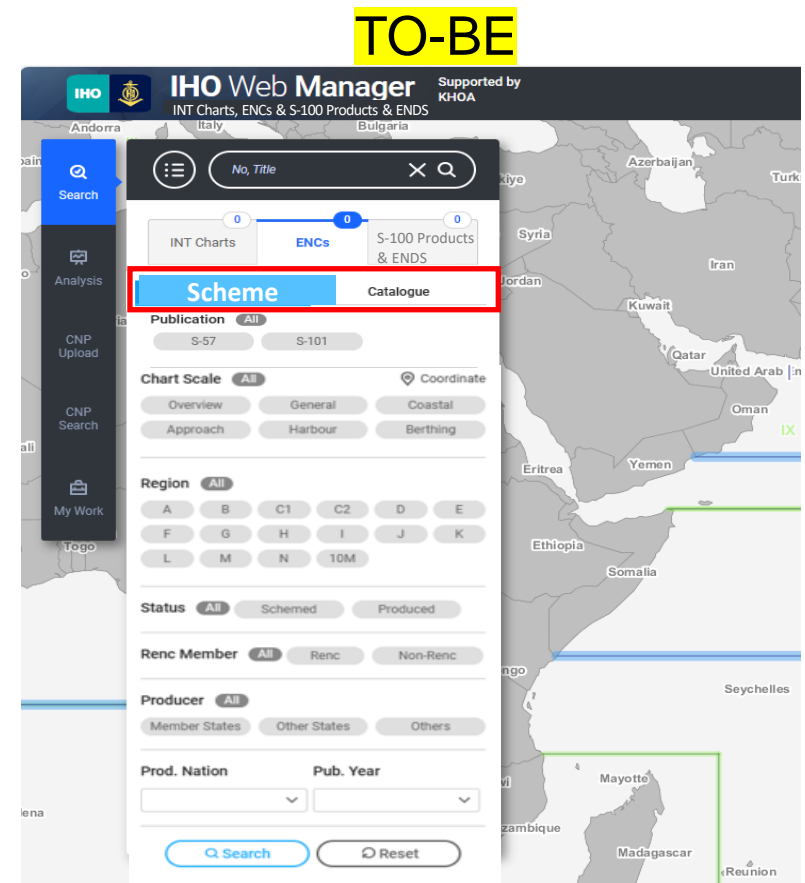
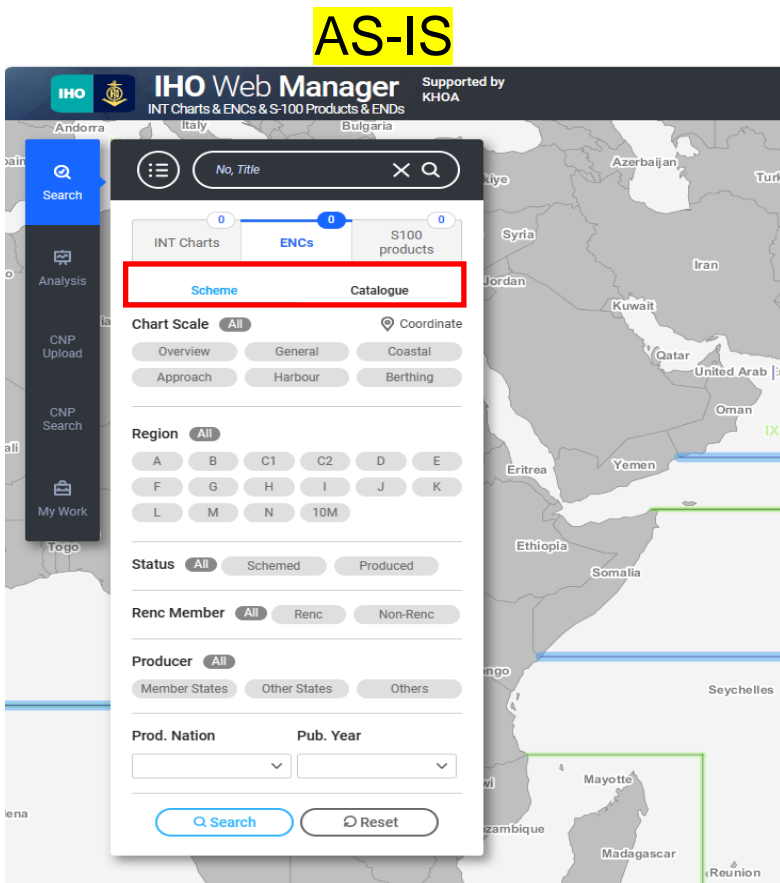
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❖ Change the ENC's tab interface

- Change the interface for better visibility when selecting scheme and catalogue





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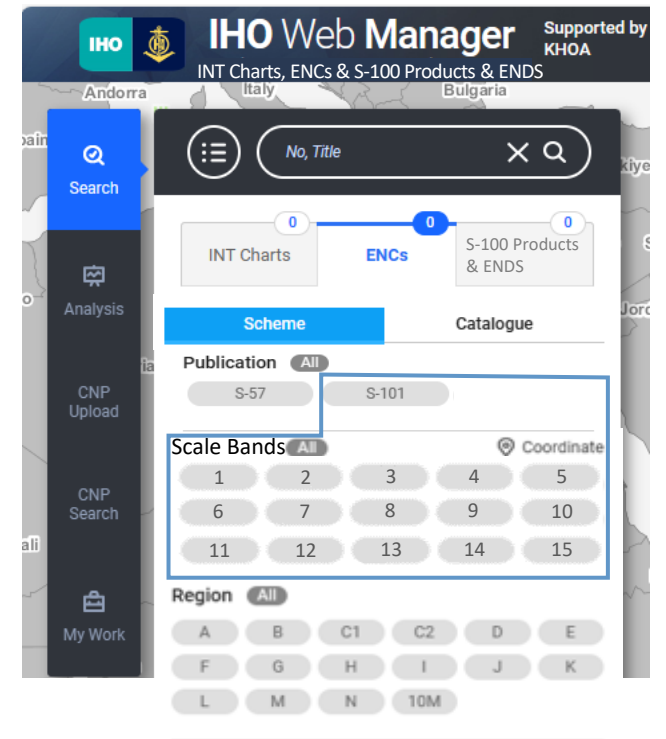
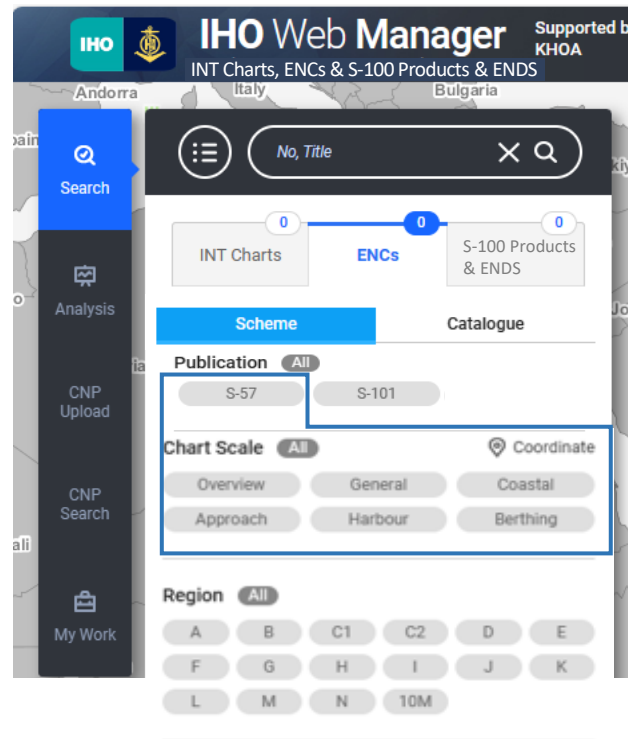
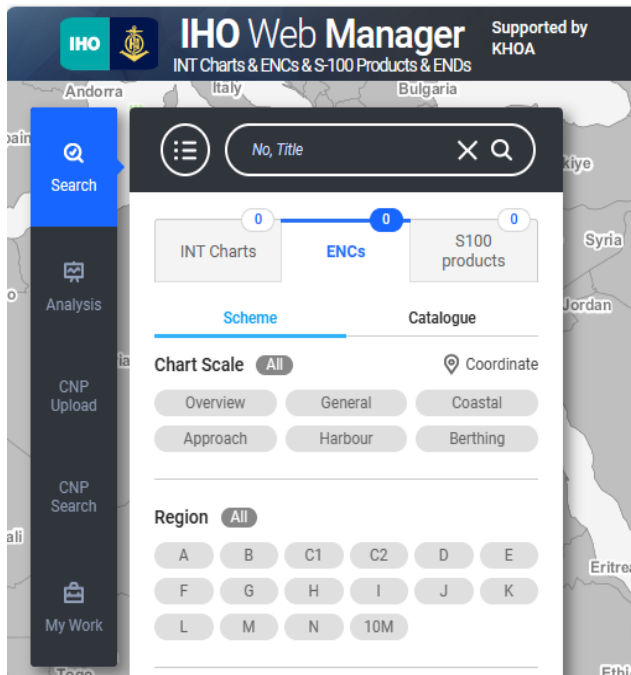
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- ❖ Add a product condition item to search for S-57, S-101 in ENC's scheme

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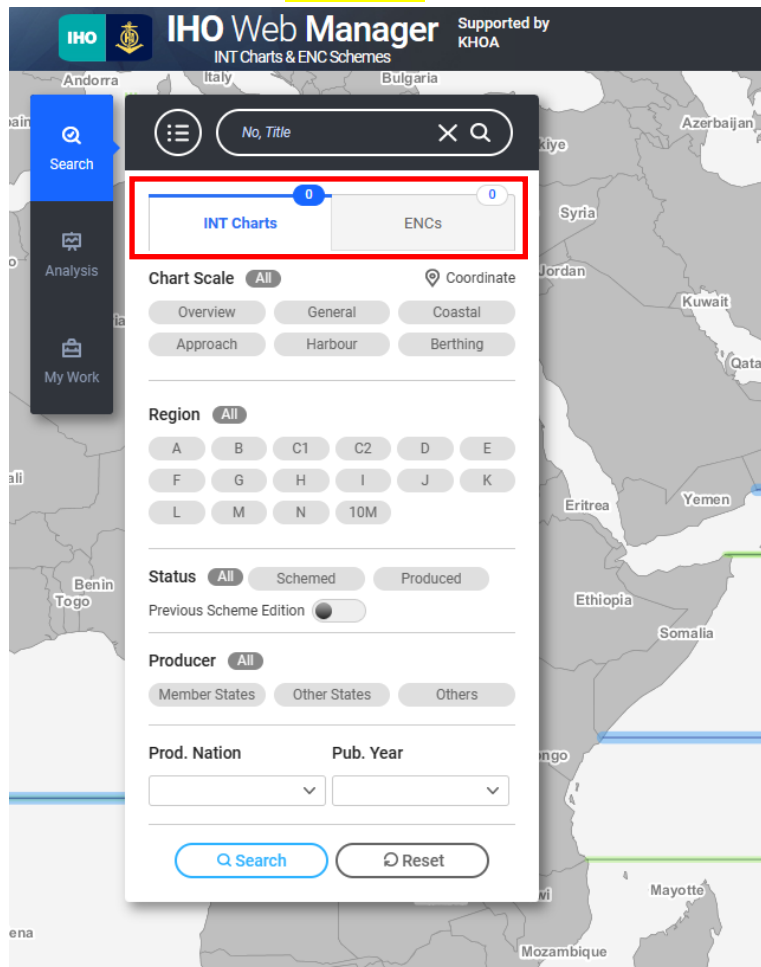
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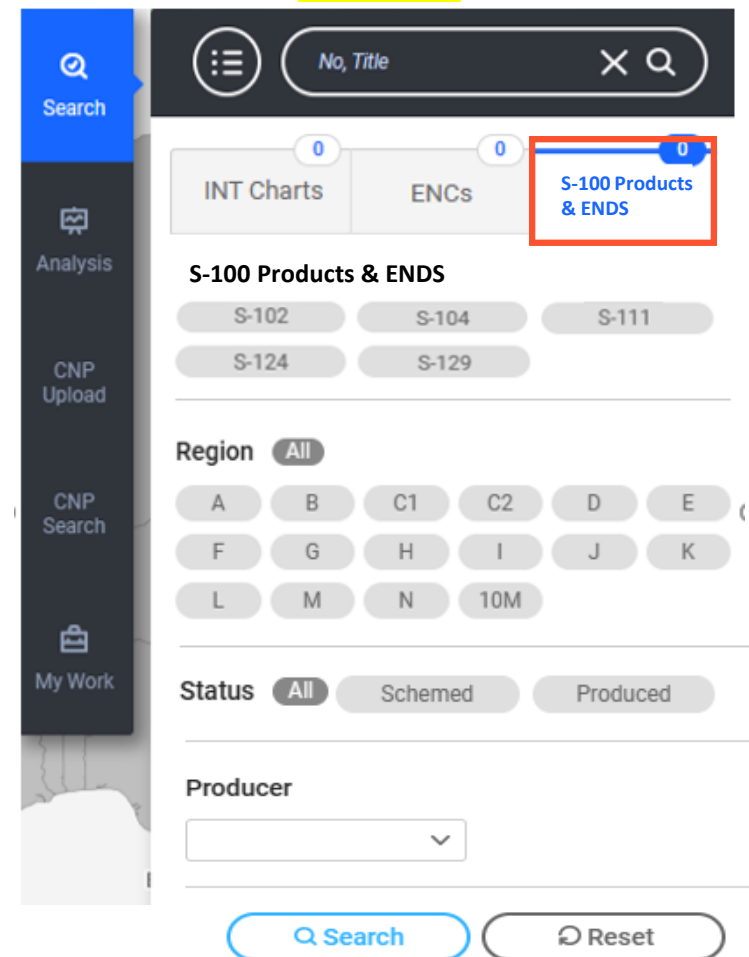
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❖ Add S-100 Products category for S-100 Products & ENDS (Phase I) search

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❖ Add S-100 Products & ENDS (Phase I) items in the submit process.

- Enter point or polygon or circle coordinates in the Geometry(Geom) attribute.
- After entering coordinates, preview the corresponding layer on the map.
- File upload and download functions

The screenshot displays the IHO web application interface. At the top left, there is a 'CNP Search' button and a 'My Work' button. The main area shows a map with a red box highlighting a 'polygon' dialog box. The dialog box has tabs for 'point', 'polygon', and 'circle'. The 'polygon' tab is active, showing a grid of input fields for coordinates and 'Delete' buttons. Below the grid are buttons for 'add Geom', 'del GeomTb', 'add Hole', 'addTb', 'ok', and 'cancel'. A red arrow labeled 'OK' points from the dialog box to the map. The map shows a yellow polygon overlaid on a nautical chart. In the bottom right corner of the map, there is a 'DB Version' box with the following text: 'INT chart : 3.0.177 - Jan. 2024', 'ENCs scheme : 1.2.97 - Apr. 202', and 'ENC catalogue :'. Below the map, there is a navigation bar with buttons for 'Upload', 'Download', 'Ready', 'New', 'Delete', and 'Cancel'. Below the navigation bar, there is a table with the following columns: 'Action', 'Product ID', 'Title', 'INT Region', 'Producer', 'Geom', 'Date', 'Version', 'Status', 'Comment', 'Catalogue Element', and 'Not For Navigation'. The 'S-100 Products' tab is selected in the navigation bar. The 'Geom' column is highlighted with a red box. The table contains one row of data:

Action	Product ID	Title	INT Region	Producer	Geom	Date	Version	Status	Comment	Catalogue Element	Not For Navigation
New	S-104	102KR000	K	KR				Scheme		Nautical Publication	False



❖ **Some display symbols on the map** (*confirmed on 22 May IHO Secretariat/KHOA VTC meeting*):

- S-101



- S-102



- S-104



- S-111



- S-124

NW

NAVAREA

National NW

Local NW

(large,

medium,

small)

- S-129

UKC

- Data flow INTOGIS I, INTOGIS III remains the same:

MS → Coordinator (after approval by RHC) → IHO Secretariat



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❖ Add layer to display approved products on the map in Manager Mode.

The screenshot shows the IHO Web Manager interface. At the top, there's a navigation bar with the IHO logo, 'IHO Web Manager' title, 'Supported by KHOA', and user information 'Hello POK'. There are buttons for 'Disclaimer', 'Manual', and 'Logout'. A search bar is on the left. The main area features a map of East Asia with various layers overlaid, including 'S-100 Products & ENDS' and 'S-100 Products - Produced'. A 'Layers' panel on the right lists these layers with their respective symbols and colors. Below the map is a table with columns for product details.

	No	Product Id	Title	INT Region	Producer	Date	Version	Status	Catalogue Element	Not For Navigation
<input checked="" type="checkbox"/>	29	S-124	S124KRSAMP	K	KR			Produced	other	false
<input type="checkbox"/>	22	S-129	S129KR01	K	KR			Schemed	other	false



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No	ProductId	Title	Region	Producer	Geom
3	S-104	F1015	K	KR	35°10.19'N/132...
20	S-102	S102KR0000	K	KR	40°0.00'N/132...



❖ **Test Address:** <http://211.233.38.30/webManager/iho/main.do>

❖ **Announcement: Ask for participants for the INTToGIS III on June 13**

References :

- A. (Draft) [List of Regional Coordinators \(INT Charts/ENCs\(S-57, S-101\)/S-100 Products and Data Services](#)
- B. Action [WENDWG14/35](#)
- C. (Draft) Action HSSC16/99 (*to be published soon*)

Dear Coordinators,

WENDWG Chair in Cc

Please allow me to share you some very good news with you...

Since the 14th WENDWG meeting in February (Reference B), and as reported at HCA-19 Conference, then at the HSSC-16 (Reference C) and IRCC-16 meetings, thanks to KHOA's excellent support, good progress has been made in the development of version III of **INTToGIS**, the version which aims to include an interface to plan, scheme and display S-101 ENCs, and S-100 products and Data Services (Phase I) in addition to the current products (INT Charts, S-57 ENCs).

INTToGIS III will allow Member States to plan, scheme, display their new S-101 and S-100 products coverage over the existing layers (S-57, INT charts, traffic density, etc.). Same concept than before, same recipe for a smooth coordination within the RHCs, with additional products and symbology, geometries (point, polygons, circles, ...) for S-102, S-104, S-111, S-124, S-129.

The internal initial testing phase by the IHO Secretariat of **INTToGIS III** is now under completion (end of June).

❖ **Regional Coordinator Test: 8 July - 1 September.**



- ❖ **INToGIS III** : a tool for planning/scheming ENC's, S-100 Products & ENDS (Phase I) from 2025 to 2029, by Member States, through a coordinated process within the RHCs, then for displaying coverage planning and availability (no data) of ENC's and S-100 products & ENDS in RHCs Reports to IRCC/WENDWG and in IHO Secretariat's Annual Reports to IMO NCSR (communication)
- ❖ **From 2026**, a tool to extract automatically SPIs in relation to S-100 Production if retained in the Revised IHO Strategic Plan (IHO Strategic Plan 2027-2023)
- ❖ **From 2026**, development of **INToGIS IV** for including **Phase II S-100 Products and ENDS**
- ❖ **Once S-128 files become available**, manual interface will become obsolete for existing products but may remain useful to some MS for planning /scheming