

13th MEETING OF THE IHO INTER-REGIONAL COORDINATION COMMITTEE



SAIHC Representation

- IRCC Meeting:
 - IRCC 13 was held via VTC on 23-25 June 2021
 - IRCC 14 to be held in Indonesia (Monaco as back up) on 6-9 June 2022
- SAIHC Representation: Chair (UK)
 - Other SAIHC Member States attending included:
 - France
 - Norway
 - South Africa
- SAIHC Report to IRCC13 distributed via SAIHC email 30 April 2021

IRCC 13 Agenda Highlights

- IHO Strategic Plan, including SPIs
- S100 Implementation Strategy
- CBSCWG - Capacity Building, IHO Education Requirements and E-learning
 - IHO E-learning Center, Empowering Women in Hydrography, Qualification of Personnel
- Summary of RHC reports
- WENDWG - WEND 100 Principles
- MSDI, IEN (IHO-EU Network) WG, CSBWG, IBSC Data Working Group Updates
- Ocean Mapping Activities, including Crowd Source Bathymetry
- GEBCO and Seabed 2030
- IHO Singapore Innovation and Technology Laboratory

IRCC 13 Highlights

- Endorsed the proposal of IHO Resolution on the Principles of the WEND for S-1XX Products (WEND-100 Principles) - IHO Secretariat issued CL 25/2021 calling for approval by the Member States and then CL 37/ 2021, informing the approval of the IHO Resolution 1/2021.
- Approved the questionnaire on High Density ENCs submitted by WENDWG - IHO Secretariat issued CL 26/2021 inviting MS to participate in the survey and then CL 42/2021 with the outcome of the survey. <https://iho.int/en/wendwg-repository>

IRCC 13 Highlights

- Marine Cartography and Data Assessment (MCDA) programme submitted by UKHO was recognized by IBSC as Category “B”
- IHO DCDB now hosts the GEBCO Gazetteer, a web tool that allows the public to search for, view, and download information <https://www.ngdc.noaa.gov/gazetteer/>
- Seabed 2030 Project published the GEBCO 2021 grid with 20,6% coverage, following established resolutions https://www.gebco.net/data_and_products/gridded_bathymetry_data/

RHC Chair Reports

Chairs focused the Regions' reports on three main topics:

- Work on Strategic Plan and Gap Analysis
- Important Findings
- Proposals to IRCC

Main concerns:

- The need of guidance on the determination of SPI values at regional level - Navigationally significant areas.
- Collaboration and coordination in the implementation of the S-100 Roadmap
- Need to increase Capacity Building (VTC Seminars open to all, E-Learning, etc...)
- Others: communication issues between Member States, low productiveness of VTC, the difficulty in recruiting new Member States, the implementation of MSDI initiatives, the postponement of Capacity Building projects and the importance of online training

IRCC 13 Actions assigned to SAIHC

Action 5: IRCC members involved to develop measurements to the SPI allocated to them and report back to IRCC14.

Action 6: RHCs and WGs to include the measurement of the SPI attributed by IRCC in their annual Work Plans (Permanent).

- The IHO Council agreed to the SPI metrics as proposed by IRCC tasked IRCC to engage with the RHCs to design relevant implementation procedures as appropriate.
- IRCC will organize a Workshop by April 2022 on the definition and design of SPIs methodologies.

SPIs attributed to RHCs

Targets	Strategic Performance Indicator (SPI)- measurement for success	Proposed Lead	Supported by
Goal 1: Evolving the hydrographic support for safety and efficiency of maritime navigation, undergoing profound transformation			
1.2 Develop standards, specifications and guidelines in the areas of data assurance, including cyber security and data quality assessment.	1.2.2 Percentage of navigationally significant areas (e.g. charted traffic separation schemes, anchorages, channels) for which the adequacy of the hydrographic knowledge is assessed through the use of appropriate quality indicators (2026:100%).	RHCs	IHO-GIS, CBSC, CB Coordinators of RHCs , HSSC (DQWG/ENCWG/HSWG)
1.3 Use capacity building and training to develop and increase the ability of Member States to support safety and efficiency of maritime navigation.	1.3.1 Ability and capability of Member States to meet the requirements and delivery phases of the S-100 implementation plan (2026: 50%).	CBSC	CB Coordinators of RHCs

SPIs attributed to RHCs

Targets	Strategic Performance Indicator (SPI)- measurement for success	Proposed Lead	Supported by
Goal 2: Increasing the use of hydrographic data for the benefit of society			
2.1 Build a portal to support and promote regional and international cooperation in marine spatial data infrastructures (MSDI).	2.1.1 Number of hits downloading data/information from the portal.	MSDIWG/ IHO Secretariat	RHCs
2.2 Promote new tools and methods to accelerate and increase coverage, consistency, quality of surveys in poorly surveyed areas.	2.2.1 Percentage of adequately surveyed area per coastal state.	RHCs	CBSC, CB Coordinators of RHCs, IHO Secretariat (GIS)
2.3 Apply UN shared guiding principles for geospatial information management in order to ensure interoperability and extended use of hydrographic data in combination with other marine-related data.	2.3.1 Number of HOs reporting success applying the principles in their national contexts (2026: 70%).	MS via RHCs	CB Coordinators of RHCs, MSDIWG, IHO GIS, CBSC

IRCC 13 Recommendations

Recom.	Description
1	Upon the recommendations based on the proposals made by the NCWG on the Future of the Nautical Paper Chart, RHC to encourage Member States to focus on ENC Schemes, but still follow applicable IHO Resolutions and Standards for any continuing INT chart production
2	RHCs to recommend Member States to Note the information on ECDIS anomalies and support the implementation of the recommendations given by the ENCWG.
3	RHC and MS to advise the IHO Secretariat of any update/change to their position in relation with the CSB questionnaire (IHO CL 21/2020) https://iho.int/uploads/user/Inter-Regional%20Coordination/CSBWG/MISC/B-12_2020_EN_Acceptance_of_CSB_Data_in_NWJ_v3.0.pdf
4	RHC to identify regional coordinators to act as a point of contact for CSB/Seabed 2030 and to raise the profile of data gather and provision within their respective Region.
5	RHC to encourage MS to participate in the Empowering Women in Hydrography project. CL 35/2021: Joint CANADA-IHO Project Empowering Women in Hydrography https://iho.int/en/basic-cbasc-ewh
6	RHC to encourage MS to submit Articles and Notes for publication in the IHR.
7	RHCs to consider extend the role of Charting Regional Coordinators for the implementation of the S-100 Implementation Roadmap.
8	RHCs to try to plan at least one face-to-face meeting between the 2nd and the 3rd Session of the IHO Assembly.

Recom.	Description
9	RHCs to coordinate the efforts on the implementation of S-100 and promote the cooperation and exchange of experiences
10	RHCs to apply Resolution 1/2005 in case of disasters occurred to support the affected States in their regions
11	RHCs to invite relevant Member States to report to the IMO Secretariat and the Chair of the EGC Coordinating Panel on the progress and status of implementation of newly recognized mobile satellite services by MSI providers.
12	Member States and submitting institutions are encouraged to engage with the IHO Secretariat early in the process of them preparing submissions for programme recognition.
13	Member States and submitting institutions are encouraged to consult the Guidelines, the FAQs and the White Paper early in the process of preparing submissions for programme recognition.
14	RHCs to encourage all Member States to actively contribute with new data to GEBCO and to discuss how MS can share existing data
15	Encourage RHCs and relevant Bodies to contribute to the recommendations provided by Shell to increase the cooperation between HO's and Natural source Regulators and reduce permitting requirements for transits through countries EEZ's

Actions requested of SAIHC

- Note this report.
- Approve an Action for Members to review the IHO Strategic Plan and complete a gap analysis for each goal; and
- Take any other decisions and actions considered necessary.