



MBSHC23

IHO Secretariat Report

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IHO Director



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IHO MEMBERSHIP & REGIONAL APPLICATION FOR IHO MEMBERSHIP

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- Kenya, Iraq and Angola became respectively the 95th, 96th and 97th IHO Member State
- Serbia, Syria and Vanuatu remain suspended
- The IHO Secretariat, in cooperation with the Department of External Relations of the Government of Monaco, stands ready to assist those non-IHO Member States with the application process for IHO membership

Recommendation - *MBSHC is invited to:*

- ✓ *Encourage and propose to the IHO Secretariat High Level Visits to those States not yet IHO Member States*



IHO 5TH IHO COUNCIL ACTIVITIES

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- Proposals from HSSC, IRCC and the Secretariat for delivery of the Strategic Performance Indicators (SPIs)
- Roadmap for the S-100 Implementation Decade (2021-2030) for the development of digital products and services
- Need for IHO to support basic Capacity Building while also supporting the migration to S-100
- A consolidated draft governance document on the 'dual fuel' concept will be considered by HSSC-14 and subsequently submitted to C-6



IHO 5TH IHO COUNCIL ACTIVITIES

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- Conduct a revision of the International Maritime Organization (IMO) ECDIS Guidance for Good Practice and ECDIS Performance Standards (MSC 232(82))
- Outcome of the IRCC October 2021 Workshop on the IHO Strategic Plan
- Need for further recommendations on the realization of the Strategic Plan in RHCs (2nd IRCC Workshop planned on 28 April 2022 – IHO CL 13/2022)
- EWH project: 1st year activity completed (IHO CLs 47/2021, 07/2022 and 09/2022) + specific webpage (<https://iho.int/en/basic-cbsc-ewh>)



- The IHO e-Learning Center at KHOA is expected to be operational in 2022

Recommendations - MBSHC is invited to:

- ✓ *Continue on the implementation of the IHO Strategic Plan*
- ✓ *Note the appropriate HSSC's governance document on the 'dual fuel' concept*
- ✓ *Participate at the EWH project and provide proposals*
- ✓ *Provide contributions of online learning material to the IHO e-Learning Project Team*



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INT CHART AND ENC PRODUCTION COORDINATION - REGION F

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- No significant activity to be reported, as the position of ICCWG Region F Coordinator was declared vacant after the MBSHC22 meeting (Decision MBSHC 22/05 refers)
- As announced at the MBSHC22, the IHO Secretariat confirmed by Letter S3/0113 dated 10 February 2022 that the Aegean Sea is now kept blanked in S-11 Part B until a global and mutual agreement is reached by interested parties. Existing charts will be hopefully re-introduced when a decision is made by the MBSHC



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INT CHART AND ENC PRODUCTION COORDINATION - REGION F

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- The latest WENDWG12 acknowledged that the combined effort by the RHCs (possible nomination of a S-100 Coordinator by Region for instance and development of IGIF / per RHCs / per S-1-xx Product) is an important way forward to contribute to the S-100 Roadmap

Recommendation - *MBSHC is invited to:*

- ✓ *Identify a Region F ICCWG Coordinator and consider as well the nomination of a Region F S-100 Coordinator to contribute to the work of the WENDWG in the development of actions in support of the S-100 Roadmap*



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CAPACITY BUILDING PROGRAMME

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- In 2021 the activities planned in the annual Work Programme were low, due to the COVID-19 pandemic and the postponement of some of the earmarked CB activities (i.e. Cat A and Cat B courses)
- Decision 5 of the CBSC19 Inter-sessional meeting approved that the 2021CBWP funded activities not executed in 2021 can be moved to the 2022CBWP
- MBSHC had four funded CB projects in the 2021CBWP and two projects included in the 2022CBWP, following the prioritization of the budget assigned to 2022 made at the CBSC20 Inter-sessional meeting held on 17 February 2022



- A PT is drafting the revised Capacity Building Strategy
- 2 candidates were selected for 2022/2023 Cat A course at USM sponsored by the ROK; a new call for candidates for 2023/2024 Cat A course will be issued in August 2022; 12th Course GEOMAC Cat B course sponsored by NF is underway, whilst 13th and 14th courses are under selection process (IAW IHO CL 8/2022); 2022 Cat B course sponsored by ROK will be announced later on this year

Recommendation - *MBSHC is invited to continue follow and evaluate the possibility to contribute to the CB Programme*



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MARITIME SAFETY INFORMATION SERVICES

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Recommendations - MBSHC is invited to:

- ✓ *Encourage all information providers (NAV and MET Area Coordinators and RCCs) to complete agreements with all RMSS and commence the necessary testing of the SafetyCast system to progress towards declaring full operational status*
- ✓ *Establish and maintain effective communications with the relevant NAV and MET Area Coordinators to ensure the timely provision of MSI*
- ✓ *Use and follow the guidance provided in S-53 – Joint IMO/IHO/WMO Manual on Maritime Safety Information – to ensure the necessary facilities and capabilities are provided and maintained for the gathering and communication of MSI within their area of national responsibility*



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CROWDSOURCED BATHYMETRY

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- The draft of the new edition of Publication B12 to submit to IRCC14 next June for endorsement, and the to the approval of the IHO Member States via IHO CL
- The Circular Letters (IHO CL 21/2020 and IRCC CL 1/2020) to request MS to indicate their positions on the provision of CSB data received 30 replies
- The network of CSB-GEBCO-Seabed 2030 Regional Coordinators would be the principle means of engaging with IHO Member States to advocate for open data access and CSB activities



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- The quality of data has grown considerably in the last years having now more than 60TB. The Centre has about 25 GB of CSB data from 185 contributing vessels. DCDB implemented a geographic filter considering MS positions on the collection of CSB data in the areas of jurisdiction
- CSBWG identified the importance of much closer cooperation and coordination with GEBCO and Seabed 2030 in communication and outreach to avoid duplication of effort, to ensure a harmonised message is maintained, and to leverage the momentum generated by the UN Decade and the SDGs



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- Seven sector specific two page information briefs had been produced with the intention that they be used to support ‘first contact’ engagements with potential CSB contributors

Recommendations - *MBSHC is invited to:*

- ✓ *Officialise and/or review their positions on the conduct of CSB in their waters of jurisdiction (iaw IHO CL 21/2020 and IRCC CL 1/2020) and to identify further potential sources of bathymetric measurements and survey data providers to facilitate the further completion of the DCDB data holdings, as well as to make data openly available for inclusion in the DCDB and the widest possible use, in accordance with IHO Resolution 1/2017*
- ✓ *Continue with its active participation in the initiatives such as UN Decade for Ocean Science (Calls for Decade Actions) and Seabed2030*



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GEBCO SUPPORT THROUGH SEABED 2030

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- Seabed 2030 project was endorsed as an Action of UN Decade of Ocean Science for Sustainable Development
- Mapping coverage now stands at 21.6% (December 2021)
- From Sep 2020 to Feb 2021, Seabed 2030 announced new partnerships
- New global survey calls for greater coordination of seabed mapping activities were launched in London, 15 October 2021

Recommendations - *MBSHC is encouraged to:*

- ✓ *Become actively involved in the GEBCO programme and its subordinate projects,*
- ✓ *Continue inviting GEBCO programme and Seabed 2030 project representatives to MBSHC meetings*



- Yearbook (P-5) and Status of Hydrographic Surveying and Charting Worldwide (C-55) are regularly updated
- The IHO Online Form system has been used since March 2019 IAW CL20/2019 and CL03/2020
- Work has continued on developing a GIS database application to support C-55 - Status of Hydrographic Surveying and Charting Worldwide and the work of the IHO

Recommendation - *MBSHC is invited to:*

- ✓ *Review their entry in the IHO Yearbook and C-55 and to provide the IHO Secretariat with the appropriate updates or to report no change (CL 20/2019 refers)*



- As announced with IHO CL 01/2022, the theme for WHD 2022 is *“Hydrography - contributing to the United Nations Ocean Decade”*
- Through IHO CL 03/2022, since 5 January 2022, the IHR has a new editor Dr Patrick Westfeld from Germany; IHR volumes from the entire collections (1923 to 2018) are available online <https://journals.lib.unb.ca/index.php/ihr>

Recommendations - MBSHC Members are invited to:

- ✓ *Submit papers for publication in the IHR*



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ACTION REQUESTED OF MBSHC

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- a) **Note** this report
- b) **Consider** all the Recommendations proposed in this report
- c) **Review** entries related to IHO C-55 and P-5 (Yearbook) annually
- d) **Consider** submitting papers for publication in the International Hydrographic Review
- e) **Note** the situation in the Black and Azov Seas at the date of this report (March 2022), and **carefully monitor** the situation in that part of the Region (MSI, disaster response, charting...), in order to provide any potential contribution to maintain the safety of navigation and to safeguard the protection of environment in the area
- f) **Take any other actions as considered appropriate**