

8. Update on IRCC

Inter-Regional Coordination Committee

2nd ASSEMBLY

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VTC, 16 – 18 November, 2020

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Update report on IRCC

Main topics from the written report

- Capacity Building
- E-Learning
- IHO Education Requirements
- Empowering Women in Hydrography
- Ocean Mapping /Crowd Sourced Bathymetry (CSB)
- WEND-100
- Recommendations and call for directions



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Capacity Building

- IRCC12 acknowledged the significant efforts from regional CB Coordinators.
- significant impact of COVID 19 pandemic in the CB activities. Several projects had to be postponed or changed (digital learning methods).
- CB funds based on input from IHO fund, on significant and generous contribution from RoK (320 000 Euro in 2020) and Japan through NF, both earmarked. Several MS provide direct support for IHO CB.
- Additional funding required to cover all activities planned for 2021 CB WP.
- Revision of strategic Performance Indicators: new system to measure the improvements of MS in their capacity is under development, based on estimation by the CB Coordinators. Oriented on effects, not on activities.



E-Learning

- Importance of e-Learning, especially due to COVID-19 is evident. e-Learning scope is meant in its widest sense (all kinds of remote/digital learning).
- IRCC12 fully supports the proposal to establish a virtual e-Learning Center (A-2 PRO 3.3)
- IRCC12 suggests that e-Learning Center should be overseen by CBSC by means of a Steering Committee.
- Subject to A-2 approval of PRO 3.3, IRCC12 endorsed the establishment of a Project Team under CBSC to draft future structures and operational procedures to be submitted as matured concept proposal to A-3. MS are invited to actively share resources and experience with the Project Team.



IHO Education Requirements – IBSC activities

- FIG/IHO/ICA International Board on Standards of Competence for hydrographic Surveyors and Nautical Cartographers (IBSC) recognizes individuals and syllaby of training institutions.
- At the IBSC43 meeting 15 submissions reviewed, 1 was recognized, 5 recognized with conditions and 9 not recognized.
- Problem remains the quality of the documents submitted, therefore increased work for the institutions and the Board.
- IBSC received information from institutions regarding modified teaching strategies due to COVID-19. In summary, institutions adapted very quickly and well, implementing remote learning strategies and delivering practical classes with necessary safety measures.



Empowering Women in Hydrography

- Need to overcome the large imbalance in the participation of women in maritime related domains such as Hydrography.
- Canada generously offers a fund up to 68.000 euros/year during three years. The fund finances up to 75% of project costs.
- IRCC12 supported the adoption of a new work item of *Empowering Women in Hydrography (EWH)* to the Work Programme of the CBSC.
- IRCC12 invites A-2 to task the Secretariat to secure funding through allocation of IHO budget resources available and negotiation of suitable cooperation agreements with interested Member States and/or partnering organizations.
- Subject to A-2 approval and follow up directions by the Council, IRCC will task the CBSC to work out the EWH project plan in further detail.
- IRCC recommends MS to consider to participate in the *Empowering Women in Hydrography* project.



Ocean Mapping /Crowd Sourced Bathymetry (CSB)

- IRCC12 encouraged MS to support the CSB initiative with positive actions, such as research vessels to collect bathymetric data a.o. when on passage.
- IRCC12 encourages RHCs to support the modification of the current “RHC Seabed 2030 Coordinator” to a joint “RHC CSB/Seabed 2030 Coordinator” and provide the identification of the Coordinators
- IRCC12 endorsed the e-publication of B-12 (Guidance on Crowdsourced Bathymetry) and its use as an example for other IHO publications.



MSDI, UN-GGIM and GEBCO

- MS are invited to actively participate in the UN-GGIM Marine WG and to liaise with their respective member in UN-GGIM.
- IRCC took note of IHO SG report on UN-GGIM contributions in the drafting of Strategic Pathway 6 of the Integrated Geospatial Information Framework (IGIF) in collaboration with ISO and OGC
- IRCC encouraged the GEBCO GC to liaise with Seabed 2030 Project Team and with the RHC CSB/Seabed 2030 Coordinators, to establish a common methodology and provide regional analysis.
- IRCC encouraged all Member States to make existing seabed mapping data available for use by Seabed 2030 in the GEBCO Grid.



WEND-100

- WENDWG investigates the applicability of the WEND-like Principles to production and dissemination of S-101 ENC's and of S-100 based products. WENDWG established a drafting group to re-write the WEND principles to include the full suite of navigation services.
- WENDWG presented a progress report and a first draft edition of the Worldwide Electronic Navigation Services (WEND-100) to IRCC12.
- IRCC12 agreed to expand on existing principles and assist their unified application by an implementation guide.
- IRCC endorsed draft as V1.0 and the path forward of WEND-100 Principles.



WEND-100

- The Assembly is invited to endorse the draft WEND-100 Principles presented at IRCC12 and the proposed path forward in their subsequent development, as a consequence of the expanding range of hydrographic data products addressed in the S-100 Implementation Strategy.-



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Recommendations and call for directions (1)

The Assembly is invited to:

- a. approve the update report of the IRCC;
- b. endorse the activities to install an IHO e-Learning Center based on A-2 Pro 3.3. and the related recommendations of IRCC/CBSC
- c. acknowledge the significant effort from CB Coordinators;
- d. approve the adoption of a new work item of Empowering Women in Hydrography (EWH) to the Work Programme of the CBSC.
- e. task the Secretariat to secure funding of EWH through negotiation of suitable cooperation agreements with interested Member States and/or partnering organizations.
- f. recommend MS to consider to participate in the Empowering Women in Hydrography project;



Recommendations and call for directions (2)

The Assembly is invited to:

- g. endorse the draft WEND-100 Principles presented at IRCC12 and the proposed path forward in their subsequent development, as a consequence of the expanding range of hydrographic data products addressed in the S-100 Implementation Strategy.
- h. take any other action considered appropriate.

