



# **18<sup>th</sup> Meeting of the Southern African and Islands Hydrographic Commission**

## **SAIHC18-2.2 Council 5 Report by South Africa [SAIHC Representative to Council]**

SAIHC18, Maputo, Hybrid, 10 – 12 May 2022



- Full C-5 Report with actions is available on the IHO website
- IHO Council 5 Meeting convened 19 to 21 October in Monaco, hybrid in person/VTC
  - Dr Geneviève Bécharde (Canada) as Chair
  - Mr Thai Low Ying-Huang (Singapore) as Vice-Chair
- Hybrid/VTC Meeting allowed for a large participation of 117 members – SAIHC was well represented
- Council 5 plays an important contribution to the preparations for the third session of the IHO Assembly (2023)
- Focus of Council 5 was to consider proposals from HSSC, IRCC, the Secretariat for delivery of SPIs for implementation of the IHO Strategic Plan, the Roadmap for S-100 Implementation Decade (2020 - 2030)
- Chair also recognized the need for the IHO to continue supporting basic Capacity Building whilst also supporting the migration to S-100



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## ITEMS REQUESTED BY ASSEMBLY 2

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- **The Council** will need to Report on following key matters:
- Monitor progress and consider proposals of the Joint IHO-Singapore Innovation and Technology Laboratory;
- Report on the application of the ISO 9001 Principles experimentation for the Product Specification of ENC S-101;
- Update on best way forward for definition of hydrographic interest;
- Appropriateness and applicability of the new SPIs
- Roadmap for the S-100 Implementation Decade
- Dual Fuel Concept (transition S-57 to S-101)



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## SUBSIDIARY ORGANS (HSSC AND IRCC)

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### • HSSC

- Commended the HSSC, its various Working Groups and supporting organisations on efforts to date despite the constraints imposed by pandemic
- Took note of the priorities recommended and amendments to the Roadmap for Implementation of for S-100 Decade
  - Council agreed that there should be more flexibility in the implementation of the IHO standards (production, distribution, WEND-100 services)
  - Roadmap is available on the website
- Took note of the 3 options for parallel production of S-57 and S-101, namely;
  - (1)- hydrographic offices (HOs) would convert their own database models from S-57 to S-101 and produce both products from their own databases;
  - (2)- HOs would update their production tools and produce only S-101-based products, with RENCs likely to offer S-101 to S-57 conversion services; or
  - (3)- HOs would continue to generate S-57 data only, with the RENCs converting that to S-101 data.
- Option (3) least favorable – only a short term solution and more development was required to develop detailed guidance on future parallel production of S-57 and S-101
- Dual fuel guidance document in collaboration with IHO Lab will be submitted to C-6.
- HSSC was encouraged to continue participating with the IMO bodies with the revision of ECDIS Guidance for Good Practice and Performance Standards
- Council noted the efforts of the IHO Secretariat with their continuous liaison with IMO, other relevant stakeholders and organisations involved with development of other S-100 based products



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## **SUBSIDIARY ORGANS (HSSC AND IRCC) CONTNUED**

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### **• IRCC**

- Council acknowledged the need for further recommendations on the realization of the Strategic Plan in RHCs by Member States – this will be provided by the IRCC as a priority to the RHCs
  - Also acknowledged the need for further IRCC workshops to support the realization of IHO Strategic Plan
- WWNWS - Noted the increase in navigational warnings by as much as 14% in last 5 years. A train the trainer course was offered to address the lack of qualified trainers
- Empowerment of Women in Hydrography project was launched on 28 Sep 21 by VTC. This will be funded by Canada until 2024
  - Exposure to field of hydrography
  - Increase gender diversity in the field
    - Outreach, contact and learning, internships, at-sea experience and on the job training
  - CBSC Website has a specific webpage set up for this activity



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## SUBSIDIARY ORGANS (HSSC AND IRCC) CONTNUED

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- **IRCC (Continued)**

- E-Learning Project Team established.
  - Operational tests expected to start in 2022
  - Success dependent on contributions of online learning material from Member States and partners
- Good progress on MSDI being made and noted and commended the close co-operation between the MSDIWG and the United Nations Committee of Experts of Global Geospatial Information Management (UN-GGIM) WG, which focused on Marine Geospatial Information
- CSB
  - Focus should be to focus to collect data in poorly surveyed or unsurveyed areas
  - Member States and stakeholders are encouraged to contribute and provide bathymetric data
  - GEBCO Data coverage increased from 6% to 21% of the sea floor - there are still challenges
  - Seabed mapping should be promoted within Member States and RHCs are to encourage Members States to contribute to the Seabed 2030 initiative



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## FEEDBACK FROM IHO LAB

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- IHO Lab is up and running
- Good progress is being made by the Governing Board.
- Website for the IHO Lab launched
- Proposal were made and accepted to streamline/simplify the procedure for submission for project proposals
- 2x pilot projects
  - Endorsed the HHSC Project Proposal to test automation in converting S-57 to S-101 in support of the dual fuel concept a
  - Endorsed Prototyping a S-131 database for marine harbour information



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# IHO WORK PLAN, BUDGET AND STRATEGIC PLAN REVIEW

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## IHO Financial Status

- Only 80.19 % of Members State contribution received in 2021, down from previous years
  - 2 Member States not yet paid 2019 contributions
  - 5 Member States not yet paid for 2020 contributions
  - 3 Member States paid for contribution in advance for 2022
- Kenya is a new IHO Member State and the Democratic Republic of Congo has been reinstated as a IHO Member State
- Surplus for 2021 – unusually high due to the impact of pandemic on personnel costs, operational costs which included travel. Expenditure was below budget.
- Proposals on how to best utilise the surplus will be tabled by the Finance Committee for Council approval in 2022 – with a priority given to capacity building

## IHO Work Programme

- In second year of approved 3 year work Programme (2021 -2023) by A-2
- Endorsed and approved the IH Work Programme for 2022 which included the preparation for A-3 and the IHO Wprk Programme for 2024 – 2026
- Noted the proposed theme for WHD 2022 which now reads as “Hydrography - contributing to the United Nations Ocean Decade”





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# IHO WORK PLAN, BUDGET AND STRATEGIC PLAN REVIEW

## Budget for 2022

- Council approved the 2022 budget

## Strategic Work Plan Review

- Council congratulated the IHO on their outreach events and 100<sup>th</sup> anniversary
- The effective implementation of the Strategic Plan 2021-2026 is to be considered as the main theme of supervision and control of the **Council** until A-3, keeping in mind to apply the principles of ISO 9001
- RHC encouraged to implement Strategic Plan and consider during this process, following gap analysis if appropriate, whether our organization and work programmes are fit for purpose, in particular for meeting Goals 2 and 3.



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# **ACTIONS REQUESTED FROM SAIHC18**

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1. SAIHC18 is requested to note the contents of the Report.
2. Thank you.

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