



19th Meeting of the Southern African and Islands Hydrographic Commission

SAIHC19-2.2 Council 6 Report by South Africa [SAIHC Representative to Council]

SAIHC19, Mauritius, 29 – 31 August 2023



- Full C-6 Report with actions is available on the IHO website
- IHO Council 6 Meeting convened 18 – 20 October 2022 in Monaco, in person meeting/live stream
 - Dr Geneviève Béchard (Canada) as Chair
 - Mr Thai Low Ying-Huang (Singapore) as Vice-Chair
- 26 Council Member States present
- Council 6's main task was to formulate clear and decisive recommendations for the 3rd Session of the IHO Assembly, scheduled in May 2023
- Important issues the Council 6 included the recommendations to be transmitted to the 3rd Session of the IHO Assembly, progress in implementing the IHO Strategic Plan and proposed revisions to the S-100 Roadmap.
- The Council considered the proposed IHO Work Programme and Budget for 2023, and the three-year Work Programme and Budget for the period 2024–2026. It also identified priorities for the Council over the next three years



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ITEMS REQUESTED BY THE 2ND IHO ASSEMBLY

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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 Strategic Performance Indicators (SPIs)
- Roadmap (v.2) for the S-100 Implementation Decade
- Update on Dual Fuel Concept (transition S-57 to S-101)



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SUBSIDIARY ORGANS (HSSC AND IRCC)

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- **HSSC**

- The Council noted the report and commended the HSSC, its Working Groups and supporting organizations for the achievements since C-5.
- Following up on Decision A2/33 (Update on the Dual-Fuel Concept), the Council noted the publication, for implementation and testing, of Ed.1.0.0 of Annex B to S-65 - S-57 ENC to S-101 Conversion Guidance and commended the ENCWG and Mr Jeff Wootton in particular for this outstanding achievement.
- The Council endorsed the recommendation by HSSC by which Goal 1 and its Targets in the IHO Strategic Plan should have the highest priority in the 2023–2026 Work Programme.
- The Council noted the outcome of the 9th session of the IMO NCSR on the revision of MSC.1/Circ.1503/Rev1 – ECDIS Guidance for Good Practice and Revision of MSC.232(82) – transition period for S-100 ECDIS, to become legal to use after 1 January 2026 and from 1 January 2029, new systems must comply with the new IMO Resolution on ECDIS Performance Standards).



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SUBSIDIARY ORGANS (HSSC AND IRCC, CONTD.)

- **HSSC (Contd.)**

- Council noted the progress made on existing IHO Resolutions (IHO CL 38/2022) and endorsed the proposal for a new generic IHO Resolution on S-100 Implementation.
- The Council endorsed the strategic change in S-100 ECDIS with Electronic Navigational Data Services (ENDS) and interacting navigational data layers, enabled by the Interoperability Specification S-98.
- The Council to monitor the progress of the task given to HSSC to prepare and maintain the synoptic summary report on the various options offered to HOs for future production of S-101 ENC's in conjunction with S-57 maintenance/production.
- Council welcomed the information provided by the Republic of Korea on the S-100 Testbed Project and agreed that it is a critical component of the Roadmap. The Council invited IHO Member States to participate in this S-100 testbed project and in addition, to consider whether other criteria than those proposed by KHOA should also be considered.



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SUBSIDIARY ORGANS (HSSC AND IRCC, CONTD.)

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• IRCC

- The Council noted the report and commended the IRCC, the RHCs, and IRCC Sub-Committees for their achievements as well as for the outcome of the IRCC April Workshop on the Strategic Performance Indicators and the new TORs of the IBSC.
- The Council noted the completion of S-124 (MSI) Edition 1.0.0, ready for approval by the next HSSC. Council is also to monitor the progress made by IRCC to establish an IHO e-Learning Center based on A-2 PRO 3.3 and the related recommendations of IRCC/CSBC.
- Council noted concerns raised by Argentina on the information provided in the IRCC report on HCA activities regarding a submission of a proposed new IHO Resolution on the recognition of the Southern Ocean is planned to be submitted to A-3.
- Council noted the concern of Maritime Safety Information providers, that, should they implement Iridium SafetyCast services, they are compelled to bear the burden of all additional costs, as a consequence of the approval by IMO Member States of the Iridium SafetyCast as an Recognized Mobile Satellite Service (RMSS).
- The Council endorsed the new proposed Capacity Building Strategy - Council to submit the proposed CB Strategy to the 3rd Session of the IHO Assembly for approval. The Council noted the decrease of Capacity Building fund over the last few years.



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PROPOSED VERSION 2.X OR V3.0 OF THE ROADMAP FOR THE S-100 IMPLEMENTATION DECADE

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- Council/HSSC/IRCC Chairs/SecGen supported by subject matter experts and Member States as appropriate, to maintain the S-100 Implementation Roadmap as an incremental version-controlled document (including narrative and timelines) on an annual basis.
- The Council approved the proposed amendments to the S-100 Implementation Roadmap with the updated version 2.0 dated July 2022 of Annex 1 and 2.
- Following IRCC's endorsement, the Council approved version 1.0 as well as an amendment to version 1.0 of the Guidelines on the Implementation of the WEND-100 Principles.
- The Council noted that the efforts on establishing a common global gridding system could not reach consensus and is put on hold.
- Council endorsed the Dual Fuel Concept for S-100 ECDIS Executive Summary and the full report. The Dual Fuel Concept for S-100 ECDIS Executive Summary and the full report was submitted for the approval of Member States.

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FEEDBACK FROM IHO LAB

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- The Council noted the update on the Joint IHO-Singapore Innovation and Technology Laboratory and noted the progress made on the following projects:
 - S-131 Marine Harbour Infrastructure Database (MHID)
 - Development of S-57 to S-101 Conversion Guidance Document
 - Creation and Test-Bedding of ECDIS capable of displaying S-102 on S-101 ENC's
- and the joint IHO-IALA proposed proof-of-concept project:
 - Demonstration Interoperability of S-101 and S-125 at sea using wireless updating via 4G/5G Telecommunications links.
- The Council endorsed the recommendation from the Governing Board of the Lab encouraging more stakeholders to identify collaborative projects, especially with other organisations and industry partners



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IHO WORK PLAN, BUDGET AND STRATEGIC PLAN REVIEW

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IHO Financial Status

- Only 77,8 % of Members State contribution received in 2022, down from previous years
 - 1 Member States not yet paid 2019-2020 contributions
 - 5 Member States not yet paid for 2021 contributions
- Albania had become the 98th Member State of IHO in May 2022
- Proposed budget estimates were based on the third year of the approved three-year IHO budget 2021-2023. An additional 41 shares provided by the five new Member States raised the planned income compared to the estimate made in 2020 - additional income would cover extra provision for new external retirement scheme, increased premiums for medical insurance and the moderate increase in operational costs.
- Global developments, namely cost increases due to inflation, had required some adaptations to the proposed budget, which were outlined. Noting that the budget cover the operational costs of the Secretariat, the difference had been found by reducing the Capacity Building Fund back to the level originally approved, and re-allocating money from the Special Project Fund, the balance of which was deemed to be sufficient to cover the planned special projects.
- The Council approved the budget estimates provided by the Secretary-General, including the proposed adaptations to respond to the inflation effects.



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IHO WORK PLAN, BUDGET AND STRATEGIC PLAN REVIEW (CONTD.)

IHO Work Programme

- The Council endorsed the proposed 3-year Work Programme and Budget provided by the Secretary-General for submission at A-3 by Council Chair for the approval of Member States, subject to an update prior to submission to A-3 by 20 December 2022 in consideration of the volatility of the global finance situation.
- Council endorsed the recommendation made by the Secretary-General to request A-3, for renewal of Council's entitlement, for an increase of Member States contribution up to 3% subject to the Council's annual budget review between 2024 and 2026, with 2024 as the earliest.
- The Council noted the proposed theme for the 2023 World Hydrography Day by the Secretary-General "Hydrography - underpinning the digital twin of the ocean". The IHO Secretariat to circulate the theme for 2023 to the IHO MS by IHO CL and fine tune language of the theme if needed.



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IHO WORK PLAN, BUDGET AND STRATEGIC PLAN REVIEW (CONTD.)

Budget for 2022

- The Council approved the budget estimates for 2023 provided by the Secretary-General, including the proposed adaptations to respond to the inflation effects.

Strategic Work Plan Review

- The Secretary-General reported on the new Strategic Performance Indicators (SPI), adopted by A-2 in the Revised Strategic Plan, in respect of Work Programme 1 (Corporate Affairs), and Council noted the Status Report on Performance Monitoring.
- Goal 2, increasing the use of hydrographic data for the benefit of society: building a portal to support and promote regional and international cooperation in marine spatial data infrastructures (MSDI) - The recommendation is to move away from an aggregated collection of links to national infrastructure, and focus on global thematic layers of information that are genuine to the IHO scope. Council agreed on the recommendation from the Secretary-General to refocus the function and the layout of a future MSDI portal.
- Strategic Performance Indicators allocated to IRCC (Work Programme 3): SPI 1.2.2 provoked a great deal of discussion (Percentage of navigationally significant areas). The Council noted the progress made by IRCC in the development of the methodologies and metrics for SPIs allocated to IRCC and endorsed the proposals as reported in IHO CL 23/2022
- The Council invited all Member States to consider providing their CATZOC values through the RENCs to support the Secretariat in the process of SPI 1.2.2.



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ACTIONS REQUESTED FROM SAIHC18

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1. SAIHC19 is requested to note the contents of the Report.
2. Thank you.

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