

# 19<sup>th</sup> Meeting of the South West Pacific Hydrographic Commission

## IHO Secretariat Report

Abri Kampfner

IHO Director



**IHO**

International  
Hydrographic  
Organization

South West Pacific Hydrographic Commission



# AGENDA

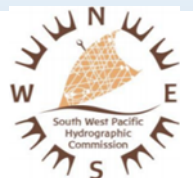
---

1. IHO and Regional membership
2. IHO Council activities
3. Capacity Building Programme
4. Maritime Safety Information Services
5. IHO GIS and Databases
6. IHO Outreach
7. Actions requested of SWPHC



IHO

International  
Hydrographic  
Organization



# IHO and regional membership

- Since SWPHC 18 Conference Kenya, Iraq & Angola acceded to the IHO Convention and the IHO membership now stands at 97. With the IHO CL 36/2021, since September 2021 the Democratic Republic of Congo has been reinstated as a Member State of the IHO. Serbia, Syria and Vanuatu remain suspended from Member States rights.
- The IHO Secretariat stands ready to assist those non-IHO Member States with the application process for membership of the IHO, and to pay High Level Visits to those States in the SWPHC region not yet IHO Member States.

## **Recommendation:**

*SWPHC is invited to encourage and propose to the IHO Secretariat High Level Visits to those States not yet IHO Member States.*



**IHO**

International  
Hydrographic  
Organization



# IHO Council activities

---

- ✓ SWPHC was represented at C-5 by Australia.
- ✓ Proposals from HSSC, IRCC and the Secretariat for delivery of the Strategic Performance Indicators (SPIs) for the implementation of the IHO Strategic Plan.
- ✓ Need for IHO to support basic Capacity Building for the migration to S-100.
- ✓ Governance document in support of the dual fuel concept.
- ✓ Outcome of the IRCC October Workshop on the Strategic Plan.
- ✓ Empowering Women in Hydrography project was launched with a kick-off meeting.
- ✓ IHO e-Learning Center's success is dependent on contributions of online learning material from MS and partners.



IHO

International  
Hydrographic  
Organization



# IHO Council activities

---

## Recommendations:

- *SWPHC is invited to continue on the implementation of the IHO Strategic Plan, elaborate on the gap analysis and support IRCC in identifying measures and values to measure those SPI of regional interest allocated to IRCC, in accordance with IRCC CL 01/2021.*
- *SWPHC members to note the appropriate HSSC's governance document on the 'dual fuel' concept.*
- *SWPHC members are invited to participate at the EWH project and provide proposals via the specific webpage (<https://iho.int/en/basic-cbsc-ewh>) has been set up under the Capacity Building Sub-Committee (CBSC) for this project.*
- *SWPHC members are invited to provide contributions of online learning material to the Project Team established for the IHO e-Learning Center at KHOA.*



IHO

International  
Hydrographic  
Organization



# Capacity Building Programme

---

- ✓ 2021 CBWP will probably require a review (many projects to be moved to the 2022).
- ✓ For 2022, the Capacity Building Fund raises from €85.000 to €100.000.

## Recommendations:

- *SWPHC members are invited to continue follow and evaluate the possibility to contribute to the CB programme through the SWPHC CB Coordinator.*



IHO

International  
Hydrographic  
Organization



# Maritime Safety Information Services

- ✓ Modernization of the Communications and Global Maritime Distress and Safety System (GMDSS) continues.
- ✓ Iridium SafetyCast service as a recognized mobile satellite service (RMSS) provider in the GMDSS continues to be implemented.

## Recommendations:

- *Encourage all information providers to complete agreements with all RMSS and commence the necessary testing of the SafetyCast system.*
- *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 to ensure the necessary facilities and capabilities are provided and maintained for the gathering and communication of MSI within their area of national responsibility.*



IHO

International  
Hydrographic  
Organization



# IHO GIS and Databases

---

- ✓ An Esri-based GIS solution has been implemented for the efficient visualization of geospatial data stored in the Country Information System, enabling access to various layers and functions through the IHO website such as the IHO ENC Catalogue. Currently, five WebGIS applications have been available to the public in this new environment.
- ✓ 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. In response to the request to complement C-55 composite data (percentage of areas adequately surveyed / requiring re-survey / not surveyed) with CATZOC information, CBSC established the C-55 Review Project Team (C-55RPT) to deal with this task.



IHO

International  
Hydrographic  
Organization





# IHO GIS and Databases

---

## Recommendations:

- *Countries in the SWPHC Region are 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).*



IHO

International  
Hydrographic  
Organization



# IHO Outreach

---

## World Hydrography Day

- ✓ As announced with IHO CL 01/2022, the theme for WHD 2022 is “*Hydrography - contributing to the United Nations Ocean Decade*”



IHO

International  
Hydrographic  
Organization



# IHO Outreach

---

## IHO Centenary Celebrations (IHO-100)

- ✓ The IHO Secretariat has organized an exhibition on "Historical Nautical Charts and Mediterranean" in April 2019, an international Symposium on "A Historical Approach for Measurements and Protection of Oceans and World Waters" in June 2019, has published an IHO Prestige Book on "100 Years of International Cooperation in Hydrography", the "Peak-of-the-peak" was held in conjunction with the World Hydrography Day (WHD) on 21 June 2021, and a Conference on "The celebration of IHO centenary" was held on 17 November 2021. The centenary events are also linked with the United Nations Decade of Ocean Science for Sustainable Development (2021-2030) which has been coordinated by the IOC of UNESCO.



IHO

International  
Hydrographic  
Organization



# IHO Outreach

---

## **International Hydrographic Review**

- ✓ The IHO Secretariat worked with the University of New Brunswick (UNB), Canada, in a project to develop a digital repository of the complete library of the IHR. As a result, volumes from the entire collections (1923 to 2018) are available online at: <https://journals.lib.unb.ca/index.php/ihr>.
- ✓ To promote and modernize the distribution of the content of the IHR the IHO Secretariat established a new IHR website that is available in: <https://ihr.iho.int/>.

## **Recommendations:**

*SWPHC members are invited to submit papers for publication in the IHR.*



**IHO**

International  
Hydrographic  
Organization



# Actions requested of SWPHC

---

1. **Note** the Report
2. **Consider** the recommendations proposed in the Report
3. **Review** entries related to IHO C-55 and P-5 (Yearbook) at least annually
4. **Consider** submitting papers for publication in the International Hydrographic Review
5. **Take any other actions** as considered appropriate



IHO

International  
Hydrographic  
Organization

