

3rd SESSION OF THE IHO ASSEMBLY

Monaco, 2-5 May 2023

REPORT OF THE SOUTH EAST PACIFIC REGIONAL HYDROGRAPHIC COMMISSION (SEPRHC)

1. Chair (2020 to 2023 Perú):

- 2023 Rear Admiral Carlos Guerrero
- 2022 Rear Admiral Cesar Zelada
- 2021 Rear Admiral Roberto Jimenez
- 2020 Rear Admiral Jorge Paz

2. Membership:

- Members: Chile, Colombia, Ecuador, Perú
- Observers: Panamá, IHO Secretariat

3. Meetings:

For purposes of this report, the period is considered from SEPHRC14 (September 2020) through IHO Assembly 3:

- 2020:
 - VTC September 15th when Perú took over the presidency
 - 1st VTC December 15th
- 2021:
 - 2nd VTC March 17th
 - 3rd VTC August 31st
 - 4th VTC November 25th
- 2022:
 - 1st VTC May 25th
 - 2nd VTC July 13th
 - 3rd VTC October 25th
- 2023:
 - 1st VTC April 5th (devoted to CB issues)
 - SEPHRC will held SeaBed 2030 meeting next july in Lima, on the occasion of the 120th anniversary of the Directorate of Hydrography and Navigation of the Peruvian Navy
- IRCC:
 - 12 VTC, October 6th to 7th 2020
 - 13 VTC, June 23th to 25th 2021
 - 14 face to face, June 6th to 8th 2022

4. Agenda Items:

- Collaboration to GEBCO/Seabed 2030 project
 - Delivery of data

- Cruise participation (on board and virtual)
- Activities in CB are monitored within the SEPHRC. Chile is the CB coordinator:
 - Region's States have applicants to invitations received from the University of New Hampshire (GEBCO programme), UKHO and Korea training programs
 - Geospatial Marine Analysis and Cartography (GEOMAC) – UK (Not in CB programme)
 - Workshop on Maritime Safety Information implementation and development (sept 2022, from the postponed 2020 Work Programme)
 - Workshop on Cartographic Data Management (nov-dic 2022, from the 2022 Work Programme)
- Collaboration to the International Hydrographic Review:
 - Two notes:
 - Hydrographic service of Colombia in front of disaster care
 - The Participation of women in Hydrography Activity in Chile
 - Four articles:
 - Remote Sensing For The Detection Of Hydrocarbon Pollution In the Peruvian Coastline
 - The Kirke channel and its nautical cartography from the 1982 edition to the new edition 2019
 - Characterization of four shipwrecks from 1741 in the Bay of Cartagena
- Presentation of a protocol for the exchange of data from nautical charts of maritime borders, based on the successful experience between Ecuador and Colombia
- National Report updates addressing charting, survey, science and technology

5. Difficulties encountered and challenges yet to be addressed:

- Declining of public funds. Pandemic drove governments to redirect budget priorities
- Lack of funds from Capacity Building Programme
- Migration of the current work structure to the IHO S-100 and S-1XX Universal Hydrographic Data Model
- Survey of hydrographic and topographic data with AUV's technology
- Coordination of the INT chart schemes and ENC coverage. Discrepancies between new ENCs and existing INT charts are raising difficulties regarding consistency of the nautical information. Sometimes, the only way forward is to conduct bilateral discussions for the solution of ENC overlapping issues, thus, the above mentioned successful experience between two Member States.

6. Achievements/outputs/conclusions:

- The region has maintained their high level on its products, in straight alignment to IHO goals and targets contained in its Strategic Plan, in order to face the challenges that fuels to fulfil its vision and mission
- The close relationship among member states of the region allows permanent communication and sharing experiences
- The region needs more participation on CB funds

7. Actions required of the Assembly:

- a) Note the report of the South East Pacific Hydrographic Regional Commission
- b) Take any other action considered appropriate.