

DATE: 29 NOV. 2023



**MINUTES OF THE MEETING OF THE
XVTH CONFERENCE OF THE SOUTH-EAST PACIFIC REGIONAL HYDROGRAPHIC
COMMISSION (SEPRHC)
Valparaíso, Chile
from 27 to 29 November 2023**

1. OPENING OF THE MEETING

The XVth Conference of the South-East Pacific Regional Hydrographic Commission (SEPRHC) began on November 27th in the city of Valparaiso – Chile. The Director of Hydrography and Navigation of Peru, Rear Admiral Carlos Guerrero Malpartida, was replaced as Chair of the SEPRHC by the Director of the Hydrographic and Oceanographic Service of the Chilean Navy, Rear Admiral Arturo Oxley Lizana. The meeting was attended by the Director of the International Hydrographic Organization (IHO) Rear Admiral Luigi Sinapi, and authorities and representatives of the Member States (MS) of the SEPRHC, Colombia, Ecuador and the observer country Spain, the NIWA Seabed 2030 program manager Belén Jiménez Barón, the Vice President of the Capacity Building Committee Lucy Fieldhouse, and the Senior Sales Manager of Teledyne Caris Juan Carballini.

2. APPROVAL OF THE AGENDA

The MS approved the agenda of the meeting and the topics to be discussed, and designated Ms Francisca Contreras Ibarra, Civil Servant of SHOA, as Secretary of the XVth Conference of the South-East Pacific Regional Hydrographic Commission (SEPRHC).

3. INTRODUCTION OF THE DELEGATIONS

MS and conference participants were introduced.

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IHO

Rear Admiral Luigi Sinapi, Director of the International Hydrographic Organization.

DIMAR-Colombia

Captain José Andrés Díaz Ruiz, Director of the Center for Oceanographic and Hydrographic Research of the Colombian Navy (Head of Delegation).

Mr Alonso Mario Navarro Romero.

INOCAR-Ecuador

Commander Luis Morales Auz, General Coordinator of Oceanographic Affairs (Head of Delegation).

Lieutenant José Córdova Aguilar.

Eng. Mrs María Fernanda Vargas.

DIHIDRONAV-Peru

Rear Admiral Carlos Guerrero Malpartida, Director of Hydrography and Navigation of the Peruvian Navy (Head of Delegation).

Captain Carlos Holguín Valdivia.

SHOA-Chile

Rear Admiral Arturo Oxley Lizana, Director of the Hydrographic and Oceanographic Service of the Chilean Navy SHOA (SEPRHC Chair).

First Lieutenant Christian Marchant Jaña.

Captain Hugo Gorziglia Antolini.

IHM-Spain

Captain Salvador Espinosa González-Llanos, Director of the Instituto Hidrográfico de la Marina de España (Head of Delegation).

Lieutenant Commander Mr. Luis Gómez Saavedra.

NIWA

Ms Belén Jiménez Barón, Data Center Manager, Seabed 2023 Project.

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CBSC

Ms Lucy Fieldhouse, Vice Chair of the IHO Capacity Building Committee.

Teledyne Caris

Mr Juan Carballini, Sales Manager.

4. REPORT OF THE COMMISSION CHAIR ON SEPRHC ACTIVITIES FOR THE PERIOD 2020 - 2023.

Rear Admiral Carlos Guerrero Malpartida reported on the achievements of the commission while he was the Chair, focusing on the accomplishments during his tenure, such as workshops and courses, contributions to the international hydrographic review, databases, international hydrographic representation, GEBCO project and implementation of the S-100 in our region, among others.

5. REVIEW OF AGREEMENTS XIVth SEPRHC

Agreements adopted during the XIVth meeting of the SEPRHC, held as a virtual event on 15th September 2020, were reviewed.

6. PRESENTATIONS FROM THE EM AND REPRESENTATIVES TO THE SEPRHC

DAY 1

- a) Presentation of the IHO Director's Report.
- b) Presentation of National Report from Member State Colombia.
- c) National Report Presentation from Member State Ecuador.
- d) Presentation National Report from Member State Peru.
- e) Presentation of the National Country Report from Observer Spain.
- f) Presentation of the National Report from Member State Chile.
- g) Presentation by Member State Colombia on "Capabilities of the ARC Research Vessel Simón Bolívar".

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DAY 2

- a) Report of the Vice Chair of the IHO Capacity Building Committee by Lucy Fieldhouse.
- b) Regional Report on Capacity Building by Commander (R) Felipe Barrios.
- c) Discussion on S-100 and associated product specifications. Experiences and challenges (DIHIDRONAV).
- d) Discussion on MSDI and links to the National Database (INOCAR).

DAY 3

- a) Presentation on the GEBCO - Seabed2030 project (NIWA).
- b) Presentation by the Teledyne Caris representative.
- c) Presentation by the Chair of the Commission on alternative financing for future Hydrographic challenges (SHOA)
- d) Presentation on "Products and Experiences with S-100 (SHOA)".

7. VISIT TO THE HYDROGRAPHIC AND OCEANOGRAPHIC SERVICE.

A tour of the Hydrography Department showed the work carried out by the different sections to follow the Hydro-Cartographic workflow and the Oceanography Department where the field equipment used for hydrographic and oceanographic data acquisition is located, ending the itinerary with a visit to the SNAM room where the technology used to issue an early tsunami warning in the event of a major event was explained.

8. REVISION AND CHANGE OF THE STATUTES

Representatives of Colombia and Peru sent their proposed corrections, which were discussed by the MS, resulting in a new text of the Statutes (5th edition, November 2023), a copy of which is attached to these Minutes.

9. PLACE AND DATE OF THE NEXT MEETING

XVth Conference of the South-East Pacific Regional Hydrographic Commission
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By agreement of the MS, the XVIth ordinary meeting will be held in Chile (date to be confirmed during the months of March or April 2025) under the new statutes approved in the XVth Conference of the SEPRHC.

10. RESOLUTIONS ADOPTED

- AGREEMENT No. 1/XV (PERMANENT)

The CBSC will consider new phases in the Capacity Building Strategy, in order to promote the development of capabilities in topics of regional interest, related to new technical demands faced by national hydrographic services, derived from the increasingly wider use of the sea and its resources.

- AGREEMENT No. 2/XV (PERMANENT)

The MS will report on their intention to participate in different subcommittees and working groups of the HSSC and IRCC, in order to evaluate and coordinate regional participation of SEPRHC MS to the IHO.

- AGREEMENT No. 3/XV (PERMANENT)

The MSs will report on capacity building efforts in hydrography or related subjects, carried out without CBSC resources, quantifying the cost of these contributions with the objective of making the search for resources more efficient to the CBSC.

- AGREEMENT No. 4/XV (PERMANENT)

MS will report on the availability of staff trained in maritime safety information who can serve as regional instructors on this topic within the CBSC.

- AGREEMENT No. 5/XV

Colombia shall continue as Coordinator of the International Hydrographic Review until the next meeting. Six (6) months prior to the next meeting of the Commission, the Chairman shall seek information on the availability or offer of other candidates to perform this role.

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- AGREEMENT No. 6/XV

Chile will continue as the CBSC Coordinator until the next meeting. The MS will confirm their points of contact for this issue and report them to the Coordinator before the end of the year. Six (6) months prior to the next meeting of the Commission, the Chair will seek information on the availability or offer of other candidates to perform this role.

- AGREEMENT No. 7/XV (PERMANENT)

In accordance with the IHO recommendation, the Commission recognizes the need to have the region's ENC available for international distribution, as well as to update regional electronic mapping schemes.

- AGREEMENT No. 8/XV

The Chair shall send a letter to Panama on behalf of the Commission, inviting it to consider joining the Commission as an Associate Member, attaching a copy of the Statutes for eventual signing.

- AGREEMENT No. 9/XV

Ecuador will act as the Commission Coordinator to the WEND WG until the next meeting and will inform the Chair of the Commission of the name of the designated person as soon as possible. The Chair will inform the WEND Chair of this representation. The MS will identify their points of contact for this issue and communicate this to Ecuador before the end of the year. Six (6) months prior to the next Commission meeting, the Chair will seek information on the availability or offer of other candidates to perform this role.

- AGREEMENT No. 10/XV (PERMANENT)

SEPRHC Member States will consider future invitation of Seabed 2030 Project representatives to SEPRHC meetings to discuss options for more intensive cooperation and support.

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- AGREEMENT No. 11/XV (PERMANENT)

SEPRHC Member States are invited to submit articles for publication in the IHR. Chile and Peru will submit their articles to the Coordinator in the first semester of each year and Ecuador and Colombia in the second semester.

- AGREEMENT No. 12/XV

Each Hydrographic Office will consider the details corresponding to ENC production. MS are invited to coordinate and exchange information and experiences related to their processes, especially on the subject of S-57 to S-101 transformation.

- AGREEMENT No. 13/XV

Peru will act as S-100 Regional Coordinator until the next meeting. The MS will identify their points of contact for this topic and communicate this to Peru before the end of the year. Six (6) months prior to the next Commission meeting, the Chair will seek information on the availability or offer of other candidates to perform this role.

- AGREEMENT No. 14/XV

MS recognize the importance of MSDI and are invited to keep the Chair of the Commission informed of their progress and experiences in the development of MSDI. Progress will be evaluated at scheduled virtual meetings.

- AGREEMENT No. 15/XV

The MS recognize that Crowd-Sourced Bathymetry (CSB) is an option for obtaining bathymetric information to be used in the production of products other than nautical charts. MS are invited to keep the Chairman of the Commission informed of the experiences gained in the use of CSB.

- AGREEMENT No. 16/XV

The MS have resolved to maintain the current production of paper charts of their areas without modification. There are no plans to discontinue the production of paper nautical cartography at this moment.

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- AGREEMENT No. 17/XV

Regarding the cartography for use by non-ECDIS vessels, it has been resolved to postpone the discussion until the technical and regulatory specifications to be promulgated by the IMO are available.

- AGREEMENT No. 18/XV

After discussing the initiative on the establishment of a "S-100 national committee", it was decided to invite the MS to keep Peru informed, as the S-100 Regional Coordinator, to compile and generate a report on the experiences of the MS in the process of establishing a "S-100 national committee" to be submitted to the XVIth Meeting of the SEPRHC.

- AGREEMENT No. 19/XV

Invite Chile and Peru, through the CBSC Representative and the S-100 Coordinator of the Commission respectively, to gather information from MS to investigate the possibility of identifying a collaboration project that could be considered by the Innovation and Technology Laboratory of Singapore or other sources of training. A report is expected for the XVIth meeting of the Commission.

- AGREEMENT No. 20/XV

Aware of the importance of completing the seafloor mapping of the region, MS are invited to provide bathymetric data for inclusion in the DCDB and use by GEBCO - Seabed 2030. The Chair will assume the role of Seabed 2030 / CSB Coordinator.

- AGREEMENT No. 21/XV

After considering the importance of the Project on Generation of Funds for IHO Project Initiatives, the Chair of the Commission is invited to report to the MS of the Commission, within the next three (3) months, a proposal related to possible financing of associated initiatives, mainly to cover training needs.

- AGREEMENT No. 22/XV

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The MS welcome the presentations on the activities of the Capacity Building Sub Committee (CBSC); GEBCO-Seabed 2030 and Crowd-Sourced Bathymetry, and Teledyne Caris Company Products, provided by Ms. Lucy Fieldhouse, Ms. Belén Jiménez and Mr. Juan Carballini respectively.

- **AGREEMENT No. 23/XV**

The MS approve the 5th edition of the SEPRHC Statutes (November 2023), attached to the Minutes of this XVth Meeting. The Chair of the Commission is invited to send a copy of the new Statutes to the IHO Secretariat.

- **AGREEMENT No. 24/XV**

The MS decide that the XVIth meeting of the SEPRHC will be held in Chile in March/April 2025, on a date to be coordinated. The Chair of the Commission is requested to confirm the date at least six (6) months in advance.

11. APPROVAL AND SIGNATURE OF THE MINUTES

These Minutes are noted by the Member States of the SEPRHC, and they are approved and subscribed as follows:

SOUTH-EAST PACIFIC REGIONAL HYDROGRAPHIC COMMISSION (SEPRHC)

SIGNATURE BY EACH COUNTRY ON SPECIFIED DATE

CHILE

Rear Admiral **Arturo OXLEY LIZANA**
Director of the Hydrographic and Oceanographic
Service of the Chilean Navy - SHOA
November 29th, 2023

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COLOMBIACaptain **José DÍAZ RUIZ**Director of the Center for Oceanographic and
Hydrographic Research of the Colombian Navy.November 29th, 2023**ECUADOR**Commander **Luis MORALES AUZ**General Coordinator for Oceanographic Affairs
INOCARNovember 29th, 2023**PERU**Rear Admiral **Carlos GUERRERO MALPARTIDA**Director of Hydrography and Navigation of the
Peruvian Navy - DHNNovember 29th, 2023