



SOUTH EAST PACIFIC REGIONAL HYDROGRAPHIC COMMISSION (SEPRHC)

Report to IRCC15

Tokyo, Japan
12 – 14 June 2023

By Commander Carlos Zúñiga A. (Chile)

On behalf of the SEPRHC Chair



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Key Achievements

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Hydrographic
Organization

A.- CAPACITY BUILDING ACTIVITIES

2022 (executed activities)

P-07 “Bathymetric Database Management” 28-Nov to 02-Dec-2022.

INOCAR Guayaquil, Ecuador. 15 attendees: 11 SEPRHC, 2 SWAtHC, and 2 MACHC.

P-36 “Workshop on MSI”. 26 to 30-Sep-2023.

DIMAR-CIOH Cartagena de Indias, Colombia. 21 attendees: 17 SEPRHC, 2 SWAtHC, and 2 MACHC.

P-40 “Port and Shallow Water Survey Course”, 10 to 14-Oct-2022, hosted by DHN in Niteroi, Brazil.

With the attendance of one member of the SEPRHC.

2023 (non of them yet funded)

Nr.	PROJECT	RESPONSIBLE
P-10	Workshop on MSDI implementation and development	COLOMBIA
P-15	Administration and production on bathymetric Data Bases	CHILE
P-18	Workshop on QC and data processing	COLOMBIA
P-19	Workshop on AUV for Hydrographic and Topographic Surveys	ECUADOR
P-22	S-101 and S-102 Workshop	PERU
P-23	Use of automated statistical filters for bathymetric data processing.	CHILE



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B. SEPRHC NAVIES KEEP GRADING HYDROGRAPHERS

YEAR	COURSE	COUNTRY	DURATION	OPEN TO FOREIGNERS
2024	Hydrography Cat. "A"	Colombia	1.5 YEARS	YES
	Hydrography Cat. "B"	Colombia	2 YEAR	YES
	Hydrography Cat. "B"	Ecuador	1 YEAR	NO
	Hydrography Cat. "A"	Chile	2 YEARS	YES
	Hydrography Cat. "B"	Perú	1 YEAR	YES

C. WORLD ELECTRONIC NAUTICAL CHART DATABASE (WEND)

COUNTRY	ELECTRONIC CHARTS	AREA
Colombia	70	PACIFIC OCEAN AND CARIBBEAN SEA
Ecuador	104	PACIFIC OCEAN
Chile	334	PACIFIC OCEAN
Perú	134	PACIFIC OCEAN



E. UNIVERSAL HYDROGRAPHIC DATA MODEL S-100

SEPRHC hydrographic services are currently carrying out virtual training, workshops and informing about this technological migration.

F. INTERNATIONAL REPRESENTATIVE

COUNTRY	NAME	REPRESENTATIVE
Perú	Captain JAVIER FERNANDEZ	Associate Professional Officer – Monaco
Chile	Commander (R) FELIPE BARRIOS	CBSC- SEPRHC Coordinator
Colombia	CMPO (R) Dagoberto DAVID VITERI	IHR SEPRHC Board members

G. INTERNATIONAL COURSES

COUNTRY	NAME	COURSE
Chile	C1° DAVID FUENTES	“Geoespatial Marine Analysis and Cartography” (GEOMAC) - UK
Ecuador	DIANA YAÑEZ	

H. INTERNATIONAL MEETING HOSTING

COUNTRY	MEETING
Ecuador	IRCC16 – Galápagos (2024)
Ecuador	CBSC – Galápagos (2024)



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Important Findings

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a) Difficulties:

- It has not been easy to allocate the necessary resources for the incorporation of new technologies and procedures associated to the implementation of new standards.
- Due to a general economic crisis there has been a decline in the provision of public funds to achieve the required level of activity.

b) Challenges:

- S-100 implementation and particularly and as a priority the future provision of ENC S-101. Migration of the current work structure to the IHO S-100 and S-1XX Universal Hydrographic Data Model is a mayor issue.
- The region needs to be able to demonstrate the need to access CB funds according to its development status. The Capacity Building Programme for the region normally is not funded.



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Lessons Learned

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- The participation as guests on CB initiatives initiated by neighbouring Hydrographic Commissions are appreciated and recognized as an excellent practice.
- Frequent communications among the members at the technical level has contributed to enhance the sharing of experiences in the introduction of new technologies.



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Conclusions and Proposals

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Conclusions

- The region has maintained its level of development and provision of its products, in straight alignment to IHO goals and targets contained in its Strategic Plan.
- The close relationship among member states of the region allows permanent communication and sharing of experiences.
- **The IRCC is invited to:**
 - a) Note the report of the South East Pacific Regional Hydrographic Commission
 - b) Take any other action considered appropriate.



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THANK YOU