South West Atlantic Hydrographic Commission (SWAtHC) Report to CBSC22

Intersessional Meeting



Argentina

Brazil

Uruguay

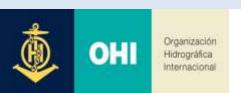
Paraguay (Associate)

Bolívia (Observer)

By Capt. (Ret.) Cesar Reinert

On behalf of Capt. (Ret.) Carvalho

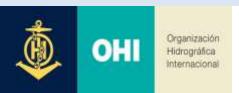
Directorate of Hydrography and Navigation - Brazil





Assessment of Capacity Building Phase Stage

Members	NHC or NHCC	CB Phase 1	CB Phase 2	CB Phase 3	Last TV
Argentina	2	4	4	4	N/R
Brazil	2	4	4	4	N/R
Uruguay	2	4	4	4	N/R
Paraguay (Associate)	1	2	2	1	2014
Bolivia (Observer)	0	0	3	2	2023



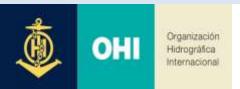


IHO-SINGAPORE LAB WORKSHOP ON S-57 TO S-101 6 – 10, November 2023





Three (3) representatives from SWAtHC participated (Argentina, Brazil and Uruguay).





IHO-SINGAPORE LAB WORKSHOP ON S-57 TO S-101





The representative from Brazil promoted a great training at DHN, sharing the knowledge learned.





MACHC - TIDES TRAINING COURSE

November 13 - 17, 2023 (Quepos, Costa Rica)





Three (3) representatives from SWAtHC participated (Argentina, Brazil and Uruguay).

Many thanks for the kind invitation.





MACHC - TIDES TRAINING COURSE

November 13 - 17, 2023 (Quepos, Costa Rica)



Commander, MSc, Cesar Henrique Borba, from BRAZIL-DHN, was one of the instructors.



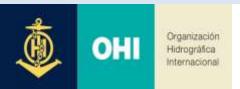


International Hydrographic Organization - Map the Gaps Symposium GEBCO - Seabed 2030 Project - CrowdSourced Bathymetry
Nov 6-8, 2023 - Oceanographic Museum of Monaco





Eighteen (18) attendees from SWAtHC





The "Directorate of Hydrography and Navigation - DHN", through the "Educational and Training Center Almirante Radler de Aquino" (CIAARA), carried out on September, 4th, a Hybrid Symposium on "Maneuver and Navigation: teaching in a lab simulated environment"







Report to CBSC22 - Int

Activities planned for 2024

Nr.	Event	Budget	Status/Led by	Resources
P-09	Seminar on Raising Awareness in Hydrography	4,520 €	SHN Argentina	IHO - funded
P-xx	MBES Data Processing Course	16,100 €	SOHMA - Uruguay	IHO – not funded yet
P-xx	Basic ENC S-100 production Course	37,026 €	SHN - Argentina	IHO – not funded yet
P-xx	MSDI and data assessment Course	16,500 €	DHN - Brazil	IHO – not funde yet

- SWAtHC intend to invite 2 representatives from MACHC and SEPRHC to participate in the courses, in the case they will be approved for 2024.





Report to CBSC22 - Int

Activities planned for 2025

Nr.	Event	Budget	Status/Led by	Resources
P-xx	Data management course for ENC S-100 production (5 days)	To be estimated	DHN - Brazil	IHO
P-xx	MBES Acquisition and Processing Survey Course (5 days)	To be estimated	SHN - Argentina	IHO
P-xx	Tides and Water Level Workshop (5 days)	To be estimated	SOHMA – Uruguay	IHO





Challenges faced in the region

- The implementation of the S-100 is a goal that SWAtHC members are constantly striving to achieve.
- Hydrographic data acquisition and processing activities with new technologies require effective data management and a large storage. Therefore, it has been necessary to invest in training related to information technology, such as MSDI and "big data".
- Another challenge is to encourage Paraguay and Bolivia to join the SWAtHC as full members following their accession to the IHO.





Conclusions

The continuity of the Capacity Building (CB) program in Hydrography is an important strategic issue for all countries, because it promotes technical development, disseminates knowledge related to the state of the art in hydrography and encourages the integration of professionals from different Hydrographic Services.

The members of our Hydrographic Commission, as well as others, should join forces and optimize resources.



Action Required of CBSC21

The CBSC is invited to:

- a. Note this report.
- b. Take any action considered appropriate

OBRIGADO!

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