

South West Atlantic Hydrographic Commission (SWAtHC)

Report to CBSC21



Argentina

Brazil

Uruguay

Paraguay (Associate)

Bolivia (Observer)

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SWAtHC Capacity Building Coordinator

CBSC21-08.2 (7 - 9 June 2023, Tokyo, Japan)



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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



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Report on the activities carried out in the year 2022

In 2022, one day before the SWAtHC meeting, on August 29, the III Hydrographic Awareness Seminar was organized, in a hybrid format, with the coordination of SOHMA (Uruguay).



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Report on the activities carried out in the year 2022



The Seminar had a total of 41 participants (17 in person and 24 virtually) and the results were very satisfactory.



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Report on the activities carried out in the year 2022

The "Diretoria de Hidrografia e Navegação - DHN", through the "Centro de Instrução e Adestramento Almirante Radler de Aquino" (CIAARA), carried out, from October 10 to 14, a course on "Port and Shallow Waters Survey"



Activities in the classroom
(theoretical and EAD classes)



Navigation Simulator Training from CIAARA



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Report on the activities carried out in the year 2022



Practical data acquisition classes on a hydrographic boat



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Report on the activities carried out in the year 2022



This course received a total of 17 students, including 6 foreigners, representatives of the SHN, SOHMA, Peru (SEPRHC) and Guatemala (MACHC); and had the financial support of the IHO Training Program.



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Report on the activities carried out in the year 2022

On November 15 and 16, a Technical Visit was made to the National Naval Hydrographic Service (SNHN) of the State of Bolivia.



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Report on the activities carried out in the year 2022



The visit had the following objectives:

- Discuss topics of mutual interest;
- Provide guidelines for the development of local hydrographic capacities;
- Improve understanding of SOLAS obligations;
- Advise on technical issues related to hydrographic projects; and
- Clarify the advantages and benefits of becoming a Full Member of the SWAtHC and the IHO.
- This Visit was financially supported by the IHO Training Program.



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Report on the activities carried out in the year 2022

The SWAtHC received a kind invitation from MACHC to indicate two (2) representatives in the "Maritime Security Information Workshop - MSI", which took place from September 26 to 30, 2022, in the city of Cartagena de Indias - Colombia.



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Report on the activities carried out in the year 2022

Taller de Información de Seguridad Marítima - MSI



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Report on the activities carried out in the year 2022

The SWAtHC also received a kind invitation from SEPRHC to indicate two (2) representatives in the "Workshop for Hydrographic Database Administration", which took place from November 29 to December 2, 2022, in Guayaquil, Ecuador.



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Report on the activities carried out in the year 2022

Taller para Administración de Bases de Datos Hidrográficos



It should be noted that for all these courses the costs of lodging, food and airfare were covered by the IHO training fund.



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Activities planned for 2023

Nr.	Event	Budget	Status/Led by	Resources
P-17	- MBES Data Processing Course	12,192 €	SHN – Argentina	IHO
P-25	- Data management course for ENC S-100 production	14,250 €	SOHMA - Uruguay	IHO
P-27	- Tides and Water Level Workshop	15,600 €	DHN - Brazil	IHO

- SWAtHC intend to invite 2 representatives from MACHC and SEPRHC to participate in all events approved for 2023.



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Activities planned for 2024

Nr.	Event	Budget	Status/Led by	Resources
A-xx	Seminar on Raising Awareness in Hydrography	4,520 €	SHN Argentina	IHO
P-xx	MBES Data Processing Course	16,100 €	SOHMA - Uruguay	IHO
P-xx	Basic ENC S-100 production	37,026 €	SHN Argentina	IHO
P-xx	MSDI and data assessment	16,500 €	DHN - Brazil	IHO



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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.



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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.

SWAtHC expects receiving resources during 2023 to continue carry out capacity building activities.

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



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Conclusions

In 2022, with the improvement of the pandemic situation, the SWAtHC holding 3 events of great importance for the technical training of our teams: such as the Seminar coordinated by SOHMA (Uruguay), which had a total of 41 participants, the Multibeam Bathymetry in Shallow Waters course, with practical activities in a hydrographic vessel; and the Technical Visit to Bolivia.



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Action Required of CBSC21

The CBSC is invited to:

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

OBRIGADO!

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