

**15th MEETING OF THE IHO CAPACITY BUILDING SUB-COMMITTEE
IHO-CBSC15
Paramaribo, Suriname, 7-9 June 2017**

Paper for the Consideration by CBSC15

SEPRHC report

Submitted by:	SEPRHC CB Coordinator
Executive Summary:	This document provides a summary report of the CB activities at SEPRHC.
Related Documents:	SEPRHC Report for the IHO-CBSC15
Related Projects:	CBWP P-17 “Workshop on Bathymetry Database” CBWP P-21 “Workshop on Offshore Surveys”

1. Introduction / Background

SEPRHC capacity building requirements have been evaluated and established, according with the principles and objectives of the IHO Capacity Building Strategy. The support provided by IOH in the past years have contributed to improve the technical capabilities of member states, and consequently the quality of the products and services delivered by them to the maritime community.

2. Assessment of Capacity Building Phase Stage of Coastal States

	Member State	NHC o NHCC	CB Stage 1	CB Stage 2	CB Stage 3	Last TV
1	Chile	2	4	4	4	
2	Colombia	1	4	4	3	
3	Ecuador	1	2	4	2	
4	Perú	1	2	4	4	
5	Observer state	NHC o NHCC	CB Stage 1	CB Stage 2	CB Stage 3	Last TV
6	Panamá	2				

3. Activities completed since CBSC14

A workshop on techniques and methodology for multibeam data processing, was carried out at the Caribbean Hydrographic and Oceanographic Research Center of Colombia, from August 22 to 26, 2016. The workshop was attended by delegates from the SEPRHC member states, as well as from other regional commissions (SWAtHC, MACHC).

From September 12 to 17, 2016, delegates from the SEPRHC (one for each member state) participated in another multibeam workshop organized by other regional commissions (SWAtHC and MACHC).

A technical workshop on LIDAR, originally scheduled to be held held in Guayaquil, from October 24 to 28, 2016, could not be delivered due to budget restrictions.

At the local/national level, member states carried out capacity building activities, at different levels, as part of their annual operational plans.

4. Activities planned for 2017

There are not yet activities planned for the present year. However, two projects proposed and submitted in 2015 were recently included in the 2017 CBWP. These projects are: CBWP P-17 “Workshop on Bathymetry Database” to be organized by the Perú; and, CBWP P-21 “Workshop on Offshore Surveys” to be organized by Colombia. For both workshops, the host countries will provide logistic support (details of this support are not yet defined).

The first project (CBWP P-17 “Workshop on Bathymetry Database”), will contribute to the effective use and management of marine geospatial information generated by national hydrographic services, and employed by these services to generate and deliver products required by the maritime community and governmental agencies. The second project (CBWP P-21 “Workshop on Offshore Surveys”), will contribute to improve the planning of high resolution seafloor mapping surveys, carried out by member states on their surrounding ocean basins and continental shelves, for scientific and commercial purposes.

The participation of delegates from other RHC have been considered in both projects (SWAtHC, MACHC).

5. Challenges faced in the region

At the present time, national hydrographic services of the region are required, by maritime community and governmental agencies, to provide an increasing and more diverse number of products, in order to rise the efficiency and safety of their activities. In order to fulfill such requirements, member states must improve their technical capabilities, in aspects related to:

- Hydrographic equipment and software for data collection and processing
- Professional competences of their technical personnel
- Marine geospatial information infrastructure
- ENC production and quality assessment

6. Achievements and lessons learned

Regional capacity building activities have proven to be an effective way to increase and standardize the technical capabilities of the SEPRHC member states. However, individual and local needs still prevail at the moment of proposing new regional initiatives, which demands an additional effort of regional CB coordinators, in order to harmonize these requirements.

7. Conclusions:

- Capacity building activities sponsored by IHO and organized by the SEPRHC, contribute to increase and standardize the technical capabilities of its member states.
- The CBWP for the period 2018-2020 should consider actions that contribute fulfill the increasing requirements of the maritime community and governmental agencies, which demand the delivery of products that rise the efficiency and safety of their activities.

8. Actions required of CBSC:

The CBSC is invited to:

- a. note the report
- b. take any action consider appropriate.

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