



**INTERNATIONAL HYDROGRAPHIC ORGANIZATION  
MESO AMERICAN & CARIBBEAN SEA  
HYDROGRAPHIC COMMISSION**



**XI<sup>th</sup> Meso American & Caribbean Sea Hydrographic Commission Meeting  
Report on the MACHC Capacity Building  
10-11 November 2010  
Paramaribo, Suriname**

**Submitted by:** Mr Jeff Bryant, MACHC Capacity Building Co-ordinator

**Executive Summary:** The MACHC CB Co-ordinator presents a report on Capacity building activities and a capacity building plan.

**Introduction**

At the 10<sup>th</sup> MACHC meeting, Captain Wesley Cavalherio (Brazil) the MACHC Secretary presented the MACHC Capacity Building Plan 2010-2012 which the membership unanimously accepted and approved. An updated copy of this plan is attached. During this meeting the recommendation to designate a specific person to be in charge of Capacity Building matters was endorsed, and Mr Jeff Bryant of the United Kingdom Hydrographic Office (UKHO) became the inaugural MACHC CB Co-ordinator.

**Description**

1) IHO Capacity Building and MACHC CB Activities

On 14-16 June 2010 the 8<sup>th</sup> IHO Capacity Building Sub Committee meeting took place in New Orleans, USA.

- a) During this meeting the Commission representative presented the activities which had been performed since the last period:

2010

Gulf of Honduras (Belize, Honduras and Guatemala) Tide Training and Assessment

Belize Feb/March, Honduras and Guatemala May

- b) The following activities were planned and confirmed for the next period:

2010

2 week regional training course on Basic ENC and ENC production in cooperation with the IMO Jamaica 6-17 September

(A full report of this training course is attached for information)

Technical Visit to El Salvador, paid by the IHB in Sep 13-14<sup>th</sup> 2010.

1 week training in Hydrography in Shallow Waters in conjunction with the SWAtHC, Montevideo, Uruguay, Nov 2010.

2011

MSI Regional Workshop Type 1 (training on establishment of an MSI structure and basic MSI procedures (Antigua & Barbuda, British Virgin Islands, St Kitts & Nevis, Grenada, Honduras)

Hydrography Type 1 (training on the establishment of a hydrography sector and basic hydrography theory - single beam (Antigua & Barbuda, Barbados, British Virgin Islands, Grenada, St Kitts & Nevis

Hydrography Type 2 (training on basic hydrographic practice (single beam) and data processing (Antigua & Barbuda, Barbados, British Virgin Islands, Belize, El Salvador, Guatemala, Grenada, Honduras, St Kitts & Nevis

Technical Visit to Costa Rica and Panama

## 2) Revision of the MACHC CB Plan

As established the the X<sup>th</sup> MACHC, a revision of the MACHC CB Plan, regarding activities for 2012 is submitted.

Also, it was observed the need to extend the activity "Cartography Type 3" to include the development of Marine Spatial data Infrastructures (MSDI) as well as the production of nautical charts using the Hydrographic Production Database (HPD).

## **Conclusions**

All MACHC CB projects submitted to the Sub Committee were accepted into the 2011 CB Work Plan. This was a notable success for the MACHC and proof that a well presented Regional Plan (thanks to Captain Wesley) is one of the keys to success.

## **Action Required of MACHC**

The Commission is invited to:

- a) note this report;
- b) approve the revised plan (at Annex)
- c) consider extending the Activity, Cartographic Type 3, to include the development of Marine Spatial Data Infrastructures (MSDI) as well as the production of nautical charts using the Hydrographic Production Database (HPD)

## **Annexes:**

- A) Revised MACHC Capacity Building Plan
- B) Report of the Basic ENC and ENC Production Training Course held in Kingston, Jamaica 6-17 September 2010