



# MACHC Capacity Building Update

*Presented by UKHO*



# MACHC CB



In this short presentation I will cover the following topics:-

The final activities of the MACHC CB Plan 2010 to 2012

The activities completed in 2012

The MACHC CB Plan 2013 to 2017

The endorsed activities for 2013

The proposed activities for 2014



# MACHC CB Plan 2010-2012



INTERNATIONAL HYDROGRAPHIC ORGANIZATION  
MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC COMMISSION



## CAPACITY BUILDING PLAN Programme document for the period 2010-2012

### 1. INTRODUCTION

#### 1.1. Rationale

It is estimated that over 30% of the world's crude oil passes through the Caribbean which is home to over 50% of the world's cruise shipping. In addition, the Caribbean endures a hurricane season from June to November; the storms can and do leave a trail of devastation on the islands and their coasts. For these reasons, it is crucial that SOLAS Contracting Governments undertake hydrographic surveys as and when required, that they arrange for the compilation and publication of hydrographic data, the dissemination and keeping up to date of all nautical information necessary for safe navigation.

The 4<sup>th</sup> Extraordinary International Hydrographic Conference approved as the International Hydrographic Organization (IHO) Strategic Directions:

#### **Facilitate global coverage and use of official hydrographic data, products and services**

The IHO will strive to achieve global coverage and availability of high quality official hydrographic data, information, products and services necessary for safety of navigation at sea and for non-navigational uses, e.g. by means of the developing spatial data infrastructure, through:

- coordinating effectively Member State activities for the provision of coherent, standardized and well coordinated hydrographic services, in accordance with regulation 9, of Chapter V of the SOLAS Convention;
- enhancing and supporting cooperation on hydrographic activities among States on a regional basis under the aegis of the Regional Hydrographic Commissions;
- expanding membership of the IHO;
- encouraging and supporting the establishment of new Hydrographic Offices;
- encouraging and supporting the development and promotion of integrated navigation systems and geospatial data infrastructures;
- promoting the use of new technologies and the opportunities offered by globalization and international cooperation.

#### **Raise global awareness of the importance of hydrography**

The IHO will champion the awareness at national, regional and global levels of the importance and benefits of hydrography and the provision of hydrographic services for all marine activities, through:

- ensuring that the role and responsibilities of national Hydrographic Offices are clearly understood at all levels in the marine and public communities;
- supporting and promoting the benefits of national Hydrographic Offices and hydrographic programmes;
- bringing the importance of hydrography on issues affecting safety of navigation at sea, protection of the marine environment, maritime security and economic development to the attention of International Organizations, funding agencies, national governments, maritime stakeholders and others;



# Activities Completed in 2012



## Technical visits

*Dominican Republic* was visited in  
September 2012

(Yet to be completed - a similar technical  
visit to *Guyana*)

## Training Courses

Basic ENC and ENC Production Training  
Course delivered in *Mexico* May 2012



# Activities Completed in 2012



Basic ENC and ENC Production Course, May,  
Mexico City, Mexico

*Barbados, Costa Rica, El Salvador, Grenada,  
Haiti, Jamaica, Mexico, St Kitts & Nevis, St  
Lucia, St Vincent & Grenadines, Suriname and  
Trinidad & Tobago*

Funded by the IMO under the 'Support to Small  
Islands Developing States' (SIDS) and least  
developed countries (LDCs) programme



# Activities Completed in 2012



MACHC was offered two places on the SWAtHC/SEPHC MSDI and Database Management workshop in Niteroi, *Brazil* later this month

*Guatemala and Mexico* selected



# MACHC CB Plan 2013-2017



INTERNATIONAL HYDROGRAPHIC ORGANIZATION  
MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC COMMISSION



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### 1. INTRODUCTION

#### 1.1. Rationale

It is estimated that over 30% of the world's crude oil passes through the Caribbean which is home to over 50% of the world's cruise shipping. In addition, the Caribbean endures a hurricane season from July to November; the storms can and do leave a trail of devastation on the islands and their coasts. For these reasons, it is crucial that SOLAS contracting Governments undertake hydrographic surveys as and when required, that they arrange for the compilation and publication of hydrographic data, the dissemination and keeping up to date of all nautical information necessary for safe navigation.

The IHO Capacity Building Strategy classifies the development of hydrographic services into three phases:

- those which are in Phase 1: Collection and circulation of nautical information, necessary to maintain existing charts and publications up to date;
- those which are in Phase 2: Creation of a surveying capability to conduct coastal and offshore projects; and
- those which are in Phase 3: Produce paper charts, ENC and publications independently.

Coastal/maritime states have certain treaty obligations (SOLAS) placed on them and the IHO/MACHC effort aims at assisting states in meeting these obligations. To achieve this a national understanding and coordination effort is required noting that:

- resources (human, time, finance etc) are limited, consequently prioritization is a fundamental issue;
- planning must be realistic;
- longer term training such as CAT A or B are not covered because such training is out of the scope of the IHO CB budget.

Nowadays, the rapidly evolving technology has replaced old navigation paradigms and demands continuous investments in education and training so that the Hydrographic Services can continue to provide high quality products and services which satisfy new demands of the maritime community.

MACHC is aware of its Member States' efforts to provide quality service to the international maritime community in order to contribute to the safety and security of navigation and human life at sea as well as the preservation of the environment in its region and, as part of the IHO community, to contribute to the achievement of the objectives and directions of the Organization.

#### 1.2. Aims and objectives

The aims of the Plan are:



# MACHC CB Plan 2013-2017



At the last meeting of the MACHC in St Kitts & Nevis I presented my five year plan to the membership

There were five activities identified for 2013:-

Technical visits to *Dominica, St Vincent & Grenadines and Panama*

An MSI Course

A Basic Hydrographic Survey Course





# MACHC CB Plan 2013-2017



A Law of the Sea Workshop  
An MSDI and Database Management  
Workshop



# The Endorsed Activities for 2013



**The MSI Course was approved**

**Regretfully all other activities were rejected**



# MACHC CB Plan 2013-2017



The MACHC CB Plan 2013-2017 will be reviewed annually at MACHC meetings and any emerging requirements for the other training initiatives listed (reference section 2) can be discussed by MACHC members for inclusion into the next years plan, noting that submissions made to the CBSC for funding consideration are for the succeeding year



# The Proposed Activities for 2014



Technical visit to *Nicaragua*

Basic ENC and ENC Production Course



# The Proposed Activities for 2014



The eagle eyed among you will have noticed that this region has already benefited from a Basic ENC & ENC Production Course this year

Consequently which activities would you wish me to submit in place of this??

I seek your guidance



# Questions



## Any Questions?