

MACHC Capacity Building Report



IHO

International
Hydrographic
Organization



MACHC CBC

1. MACHC 2020 IHO CB Activities
2. CBSC18
3. IHO CB Strategy
4. MACHC 3 Year Plan (2021-2023) Review including
 - i. 2021 Activities
 - ii. Proposed submissions for IHO funding 2022



IHO

International
Hydrographic
Organization



1. MACHC 2020 IHO CB Activities

4 Submissions to CBSC (as agreed at MACHC19) for consideration for the 2020 Work plan were:

- Seminar on Raising Hydrographic Awareness
- MBES Processing
- **MSI Training – Funded Delivered following MACHC20 (Dominican Republic)**
- **Tides and Water Levels Workshop for Spanish Speakers - Funded**
(Co sponsored by the Intergovernmental Coordination Group for the Tsunami and other Coastal Hazards Warning System for the Caribbean and adjacent regions)



IHO

International
Hydrographic
Organization



1. MACHC 2020 IHO CB Activities

Cat B Marine Cartography & Data Assessment - UK (Dec 2020 – Mar 2021)

DOMINICAN REPUBLIC – Mr Ismael Jorge Peña
GUYANA – Ms Rolesia Singh



IHO

International
Hydrographic
Organization



Current CB Opportunities

Circular Letter 34/2020 – Cat A Hydrography, USM (USA)
Closing date for nominations 19 February 2021

**MASTER OF SCIENCE PROGRAMME IN HYDROGRAPHIC SCIENCE
AT THE UNIVERSITY OF SOUTHERN MISSISSIPPI (USA)
SPONSORED BY THE REPUBLIC OF KOREA**

CALL FOR NOMINATIONS (9th Course, August 2021 – August 2022)

Phase 3 Activity – IHO Members

Successful candidates will be informed of their selection by March 2021



IHO

International
Hydrographic
Organization



2. CBSC18

VTC – 2-3 Jun 2020

- CBSC Chair – Mr Evert Flier (Norway)
- CBSC Vice Chair – Mr Luiz Claudio Fonseca (Brazil)
- KHOA Proposal 3.3 to IHO Assembly – Establishment of IHO eLearning Centre
- Request for Member States to share National Hydrographic Committee Documentation



IHO

International
Hydrographic
Organization



2. CBSC18

- IHR – Important to submit papers and champion the work that you are doing. IHO Rep for the MACHC Region is Mr Nathanael Knapp (Nathanael.Knapp@UKHO.gov.uk)
- C-55 – Important to keep up to date. Utilised in IMO audits (IMSAS)
- IHO CB Fund for 2021 (Jan-Dec) 1,342 000 Euros – enabled a significant number of activities to be funded.



IHO

International
Hydrographic
Organization



3. MACHC 2021 IHO CB Activities

- High Level Technical Visit – Dominican Republic
- High Level Technical Visit - Jamaica
- Technical Visit - Honduras
- Seminar on Raising Awareness of Hydrography

- **(from 2020) Tides and Water Levels Workshop for Spanish Speakers - Funded**
(Co sponsored by the Intergovernmental Coordination Group for the Tsunami and other Coastal Hazards Warning System for the Caribbean and adjacent regions)



IHO

International
Hydrographic
Organization



3. IHO CB Phases

IHO CB Strategy identifies 3 stages.

1	Collection and circulating of nautical information, necessary to maintain Charts/Publications	High Level Technical Visits, Technical Assessment Visits, MSI Course	Non IHO Members/IHO Members
2	Creation of Surveying capability Coastal Projects Offshore Projects	Data Collection & Management	IHO Members
3	Produce Paper Charts, ENC and Publications independently	Cat A/Cat B Cartography/Hydrography	IHO Members. Call for applications IHO Circular Letters



IHO

International Hydrographic Organization



4. MACHC 3 year Work Plan

Draft 2022 - IHO Funded proposals

- Technical Visits (as requested)
- MSI workshop (Colombia and WWWWNS SWAtHC)
- Seminar – Hydrographic Governance, establishing an NHC
- Joint Bathymetric Data Processing Course with neighbouring RHCs, Caribbean Tsunami Warning System (CARIBE-EWS)



IHO

International
Hydrographic
Organization



4. MACHC 3 year Work Plan

Draft 2023 - IHO Funded proposals

Activity	Beneficiaries Countries / Territories	Responsible
Technical Implementation Visits	For identified coastal states	MACHC CB Coordinator
Hydrographic Awareness Seminar to precede the main MACHC meeting	For identified coastal states	MACHC CB Coordinator
MBES Processing Course (5 Days)	For identified coastal states	MACHC CB Coordinator



IHO

International
Hydrographic
Organization



4. MACHC 3 year Work Plan

Other CB Activities – Non IHO funded

- SDB Workshop – EOMAP, TCarta and Esri
- Funding opportunities
- COCATRAM
- IALA
- NOAA Ship Experience ‘Empowering Women’
- MACHC CBC Training Page



IHO

International
Hydrographic
Organization



CB Submission Timeline

Next Meeting: CBSC19 Monaco, June 2021

Time line for Submissions

Nov/Dec	Approval of submissions by MACHC plenary
February	Final requests for CB activities to CB Coordinator
April	Submitted via the CB Coordinator to the Capacity Building Sub Committee in April for consideration
June	Finalised Capacity Work plan CBSC19



IHO

International
Hydrographic
Organization



Thank you

Lucy.fieldhouse@ukho.gov.uk



IHO

International
Hydrographic
Organization

