

# MACHC22 Capacity Building Report

Lucy Fieldhouse MACHC CB Coordinator



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# MACHC CBC

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1. CBSC19
2. IHO Member States Capacity Building Opportunities
3. MACHC 2022 Activities
4. 3 Year Plan (2022-2024) Review including proposed submissions for IHO funding for 2023



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# 1. CBSC19 – 9 - 10 Jun 2021

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- Efforts to deliver CB activities virtually were acknowledged
- Lack of IHO funded Capacity Building activity completion due to the impact of COVID
- Virtual meetings have helped with engagement but it is recognised these cannot fully replace face to face meetings
- C-55 – Important to keep up to date. Utilised in IMO audits (IMSAS)
- IHR – Important to submit papers and champion the work that you are doing.

IHO Rep for the MACHC Region is Mr Nathanael Knapp

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# 1. CBSC19 – 9 - 10 Jun 2021

- IHO CB Strategy review
- Development of Capacity Building Calendar  
<https://www.iho-machc.org/cbc.html>
- e-Learning Project update
- Empowering Women in Hydrography (EWH) - MOU between Canada and IHO finalised to secure funding for 3 years. Member States are encouraged to take part.



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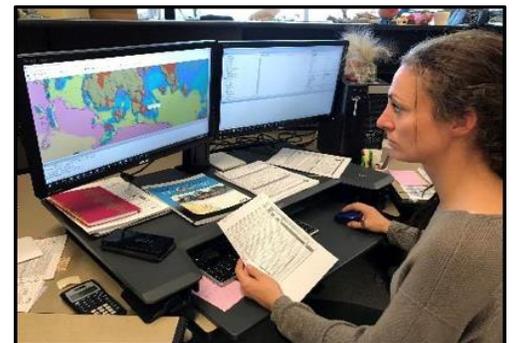
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# NOAA Supports Empowering Women in Hydrography

- NOAA OCS will host candidates from the EWH initiative each year over the four year span of the project (2021-2025) for an at-sea experience/advanced training on [NOAA hydrographic survey vessels](#)
- COVID permitting, one opportunity starting in 2022 for the MACHC region
- Reflected in the MACHC [CB Plan \(2022-2024\)](#)
- Details on how to apply forthcoming
- For more information contact: [jonathan.justi@noaa.gov](mailto:jonathan.justi@noaa.gov)



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## 2. IHO Member States Opportunities

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- Train the Trainers (CL39/21) November
  - Colombia
  - Guatemala
  - Venezuela
- GEOMAC Course (CL31/21) Scheduled to resume early 2022
  - Colombia
  - Dominican Republic
  - Guyana
- CL30/21 Master of Science Programme in Hydrographic Science (University Of Southern Mississippi, USA) August 2022-2023
  - Call for nominations closes 11 January 2022



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# 3. MACHC 2022 IHO CB Activities – funded activities

## Technical Visits

**2021 IHO Work Plan** - Postponed due to COVID, rescheduled for 2022

- A-03 Technical Visit to Honduras
- A-06 High Level Technical visit to Dominican Republic
- A-07 High Level Technical Visit to Jamaica

## 2022 IHO Work Plan

- A-05 Technical Visit to Belize



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# 3. MACHC 2022 IHO CB Activities

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Other Funded Activities		
2021 IHO Work Plan - Postponed due to COVID, reschedule for 2022		
P-17	Seminar on Raising Awareness of Hydrography	Funded for delivery in 2021. Postponed due to COVID. To be carried over into 2022
P-33	Tides Workshop for Spanish Speakers	Funded for delivery in 2020 workplan. Postponed due to COVID. To be carried into 2022.



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# 4. MACHC 3-year Work Plan (2023)

**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



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# 4. MACHC 3-year Work Plan (2023)

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2023 - IHO Funded proposals for endorsement

- High Level and Technical Visits (as requested raised directly with CB Coordinator or via National Report)
  - Colombia
  - Costa Rica
- MSI workshop (Colombia and WWNWS SWAtHC)
- S-100 Production course. S-57 transition to S101
- Seminar Raising Hydrographic Awareness - MSDI Workshop



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# CB Submission Timeline

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**Next Meeting: CBSC20, June 2021**

Time line for Submissions

Nov/Dec	Approval of submissions by MACHC plenary
January	Proposals submitted for review to MACHC Chair
April	Submitted via the CB Coordinator to the Capacity Building Sub Committee in April for consideration
June	Finalised Capacity Work plan CBSC20



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# 3. MACHC 3-year Work Plan

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Draft 2024 - IHO Funded proposals

- Technical Implementation Visits – Upon request
- Hydrographic Awareness Seminar to precede the main MACHC Meeting
- Joint Bathymetric Data Processing Course with neighbouring RHCs, Caribbean Tsunami Warning System (CARIBE-EWS)



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## Actions requested of MACHC:

1. Note the Report
2. Consider contributing to the CBSC projects – Empowering Women in Hydrography / eLearning Centre
3. Approve the 2022-2024 Workplan and submissions for CBSC20



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# Thank you

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