

MACHC Breakout Groups

Overall Summary of Results

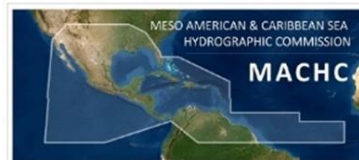
Chaired By: Bernice Mahabier of Suriname, Leonardo Tun of Mexico, and Lucy Fieldhouse of the UK

National Reports By: Antigua and Barbuda (A), Belize (A), Brazil, Colombia, Cuba, Dominican Republic, El Salvador (A), France, Grenada (A), Guatemala, Guyana, Costa Rica (A), Jamaica, Mexico, Montserrat, Netherlands, Suriname, United Kingdom (Inc. Montserrat), United States, Venezuela



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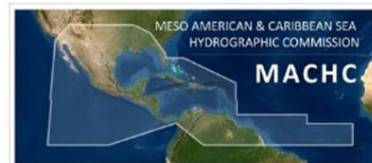
Overarching Messages

- Overall there has been a surprising and commendable amount of progress and success over the past year despite problems and setbacks from COVID19.
- The MACHC should continue to emphasize and prioritize capacity building and training while taking into account different levels of national hydrographic maturity, need, and opportunity, including need for:
 - High level technical visits
 - MSI training, including establishment of physical infrastructure and technical aspects
 - Hydrographic Governance
 - CAT A and CAT B courses
 - ENC validation
 - SDB processing
 - S-100 training incl. S-57 conversion to S-100
 - Tides course



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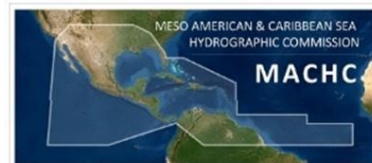
Overarching Messages

- Greater sharing of NSDI/MSDI training, services, and data analysis will support multiple regional uses.
- Important to continue to leverage regional partnerships to advance common priorities (COCATRAM, IOCARIBE, CARIBE-EWS, CEP, and FOCAHIMECA) e.g., Seabed2030, capacity building, IBCCA, etc.
- Increase CSB data collection in the region.



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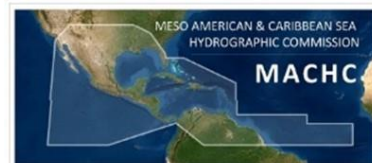
Collaboration Opportunities

- Countries continue to rescheme their ENCs and will work to align them with the new regional ENC scheme.
- Countries should provide MSI national contacts to continue to provide maritime safety information and collaborate together.
- Share best practices related to survey planning and specifications.
- 5C's Project – Caribbean Community Climate Change Center, focused on Lidar surveys and providing equipment to a number of countries.
- Provide opportunities on hydrographic survey vessels and opportunities for hydrographic survey analysis and nautical cartography processing, such as that being offered Brazil.



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“What you might have missed from our Breakout Group”

- Phase one of the IBCCA project is on track to be completed by the end of 2020.
- Colombia has made great strides in developing training available in Spanish to the region and the advances of the IBCCA project.
- The U.S. is developing a Global Maritime Traffic Density Service (GMTDS) to support hydrographic risk assessments at regional and global scales. This will be very important to the region for assessing further hydrographic survey needs.
- Netherlands made available web services for geographic names and administrative units for its territories for everyone via their website.
- Venezuela produced two new ENC's to be available very soon.
- Montserrat Hydrographic Surveys Co-ordinating Committee has been established.



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