



Antigua and Barbuda's National Hydrographic Office - ADOMS

National Report

Meso-American and Caribbean Hydrographic Commission (MACHC)

XIX Meeting - 26th November to 1st December 2018, Cartagena, Colombia.

1. Hydrographic Office/Service

- .1 The National Hydrographic Office (NHO) operates under the auspices of the Department of Marine Services and Merchant Shipping (ADOMS), the Maritime Administration of Antigua and Barbuda.
- .2 The National Hydrographic Committee is yet to be fully functional and efforts have ongoing to give it full effect. It is envisaged that this Committee will be a Sub-Committee of the National Ocean Governance Committee where all the principal stakeholders are already represented.

2. Surveys:

- .1 Awaiting post dredge survey report for work being undertaken on the Heritage Quay north berthing over, which started over the period June to November 2016, and has continued with intermittent work, in preparation for further expansion to accommodate the Oasis Class vessels.
- .2 Awaiting the final survey report and consequential update of nautical charts based on the survey done by the US Navy October- November 2015.
- .3 Dredging a part of the St. John's port harbor project is currently ongoing and it is expected that survey reports will be furnished upon completion.
- .4 Single beam hydrographic survey was completed around the West Indies Oil offshore terminal and its approaches in order to facilitate the night berthing of tankers due to increased storage capacity and trans-shipment activities.
- .4 Nothing to report with regards to new technologies and/or equipment/ships.

3. New Charts and Updates:

- .1 The UKHO is responsible for the production of, and updates to, the charts pertaining to the waters of Antigua & Barbuda and approaches.



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.2 Charts currently available:

- .1 Chart 2064 Scale 1:60,000 Last new edition 7th April 2016. No further NMs added.



.2 GB ENC's currently available:

- .1 Harbour band 5: GB52064B Scale 1:8,000 Base issued 01/04/2016 Edition 4/000.
- .2 Approach band 4: GB402064 Scale 1:45,000 Base issued 01/04/2016 Edition 4/000.



4. New Publications and Updates:

- .1 Currently undertaking the update for the Antigua and Barbuda inputs for changes to the World Port Index and Sailing Directions.



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5. MSI – latest updates

- .1 Maritime Safety Information is generated by the Department of Marine Services and Merchant Shipping in conjunction with the Antigua & Barbuda Port Authority and the Antigua & Barbuda Defense Force Coast Guard.

6. C-55:

- .1 The UKHO provides the information for the updating of the C-55 database.

7. Capacity Building

.1 Representatives from Antigua and Barbuda participated in:

- .1 Workshop on Implementation and Monitoring of SDGs in the Caribbean: The role of the Ocean, St. Vincent and the Grenadines, 16th – 20th January 2018
- .2 Module 3 Level 1 AtoN Manager Distance Learning Course, IALA Academy, Paris, France, March 2018.
- .3 Ocean Governance Team Meeting (OGT) & Maritime Boundary Delimitation (MBD) Meeting, St. Lucia 5th -9th March 2018.
- .4 The 28th Meeting of State Parties of UNCLOS 1982 - United Nations, New York, 11th -15th June 2018
- .5 The 24th Session of the International Seabed Authority, Jamaica, 23rd -27th July 2018

.2 Representatives from Antigua and Barbuda will be participating in:

- .1 The 19th Meso American & Caribbean Sea Hydrographic Commission Meeting – Cartagena, Colombia 26th November – 1st December, 2018

.5 Capacity Building Required:

- .1 Antigua and Barbuda is still in the process of establishing a robust national framework for applicable hydrographic services and would be most grateful for the following training opportunities:
 - .1 Hydrography Level 1 and 2
 - .2 MSI
 - .3 Aids to Navigation Maintenance



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.6 Port Facilitates Development:



- .1 The Antigua and Barbuda Port Authority concluded a \$100 million US loan agreement and broke ground to commence work on the St. John's Port Harbour redevelopment project in January 2018.
- .2 The project is broken into two Phases:
Phase I to be completed in 3.5 years and Phase II to follow several years later.
New services will include:
 - Cruise Ship Terminal
 - Logistics Park
 - Warehouse
- .3 The Antigua and Barbuda Port Authority in collaboration with the West Indies Oil Company with have commenced work on the Sea Island approach and turning basin project in October 2018. ADOMS made recommendations on the marine related construction and placement of AtoNs to be approved by Development Control Authority. A new Conventional Buoyage Mooring (CBM) System, with associated submerged pipelines, is being established to the north of the existing offshore terminal to address the increased demand for birthing.

8. Oceanographic Activities

.1 Tide Stations:

- .1 The Tide Station on the sister island of Barbuda is not functional after being completely destroyed during the passage of hurricane IRMA in September 2017. Monitoring of this Station is done by the local Meteorological Office at VC Bird International Airport and have advised that it repair or replacement is still a matter being assessed during the current rebuilding phase in Barbuda
- .2 The Tide Station at Camp Blizzard on the mainland of Antigua is operational.



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9. Other Activities:

- .1 **OECS Regional Hydrographic Initiative:** This initiative has been in abeyance for some time now. Antigua and Barbuda will be seeking an update on the future of this programme in light of the developments with respect the United Kingdoms' Commonwealth Marine Economies Programme (CMEP).

10. Conclusions:

- .1 The Department of Marine Services and Merchant Shipping is committed to establishing a resilient national hydrographic framework to adequately meet Antigua and Barbuda's international obligations with respect to Hydrography and Aids to Navigation.
- .2 The National Hydrographic Office appreciates the tremendous support it continues to receive through the MACHC Capacity Building Program and various bilateral-support from its members.