



## Antigua and Barbuda's National Hydrographic Office - ADOMS

### National Report

### Meso-American and Caribbean Hydrographic Commission (MACHC)

### XVII Meeting - 14<sup>th</sup> to 17<sup>th</sup> December 2016, Belem, Brazil.

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#### 1. Hydrographic Office/Service

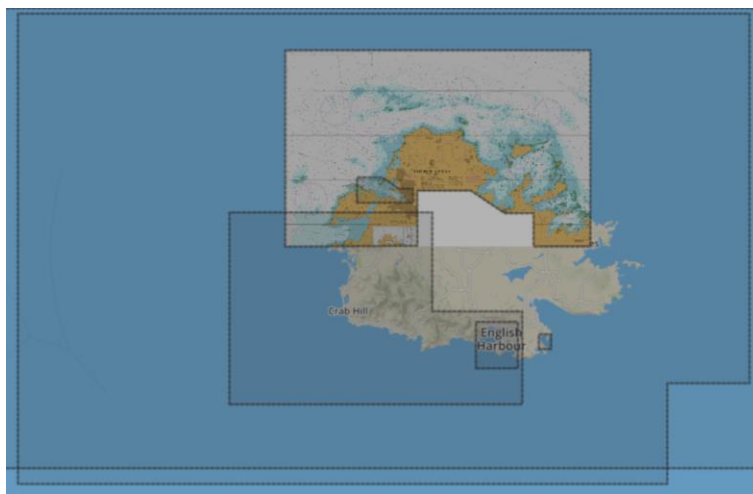
- .1 The National Hydrographic Office (NHO) operates under the auspices of the Department of Marine Services and Merchant Shipping (ADOMS), the Maritime Administration of Antigua and Barbuda.
- .2 The National Hydrographic Committee is yet to be fully functional and will be given top priority in the first half of 2017.

#### 2. Surveys:

- .1 Awaiting post dredge survey report for work done on the Heritage Quay north berthing over the period June to November 2016. 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.
- .2 *Charts currently available:*
  - .1 Chart 2064 Scale 1:60,000 Last new edition 7th April 2016. No further NMs added.

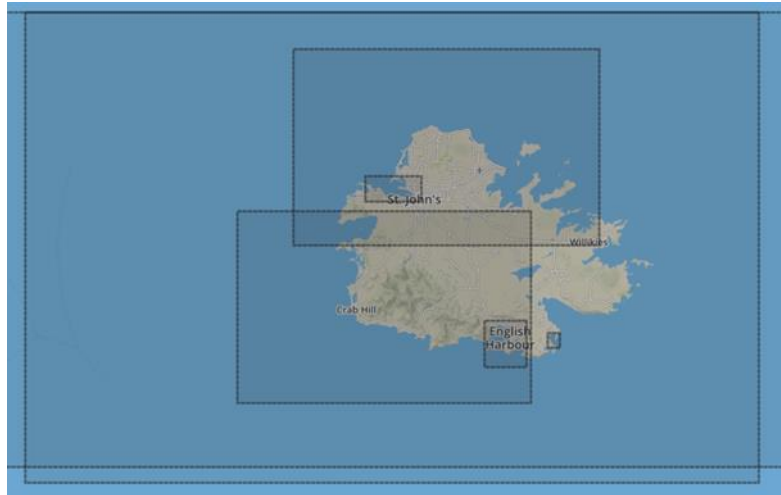




## Antigua and Barbuda's National Hydrographic Office - ADOMS

### .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 No update on new publications is available now.

### 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 3rd Mexican Convention on Hydrography and Bathymetry Workshop – Ciudad del Carmen, Campeche, Mexico, 27th – 29th April, 2016: *Strengthening Hydrographic Capacities in Mesoamerica and the Caribbean (FOCAHIMECA) Project.*



## Antigua and Barbuda's National Hydrographic Office - ADOMS

- .2 Level 1 AtoN Manager Course, IALA Academy, Paris, France, 16<sup>th</sup> May – 10<sup>th</sup> June 2016.
- .3 Introductory Workshop to Bathymetric Data Processing – Veracruz, Mexico, 13<sup>th</sup> – 15<sup>th</sup> July, 2016: *Strengthening Hydrographic Capacities in Mesoamerica and the Caribbean (FOCAHIMECA) Project*.
- .4 MACHC MSI Training Course, Rodney Bay, St. Lucia, 16<sup>th</sup> – 18<sup>th</sup> August, 2016.
- .5 IALA ENG – Committee Meeting, IALA Headquarters, Paris, France, 10<sup>th</sup> – 14<sup>th</sup> October 2016 (as an observer).
- .6 IALA Risk Training Seminar - Panama City, Panama, 14<sup>th</sup> – 18<sup>th</sup> November 2016.

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

- .1 IMO Regional Workshop on Oil Spill Contingency Planning, Nassau, Bahamas, 13<sup>th</sup> - 16<sup>th</sup> of December 2016.
- .2 17<sup>th</sup> Meso American & Caribbean Sea Hydrographic Commission Meeting – Belem, Brazil, 12-17 December, 2016

### **.3 Representatives from Antigua and Barbuda was invited to participate in:**

- .1 Maritime Spatial Data Infrastructure Workshop, Veracruz, Mexico, 3<sup>rd</sup> - 7<sup>th</sup> October, 2016 - *Strengthening Hydrographic Capacities in Mesoamerica and the Caribbean (FOCAHIMECA) Project* (was unable to participate due to very short notice).

### **.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

### **.6 Port Facilitates Development:**

- .1 A substantial dredging operation was carried out in the St. John's harbour during the second and last quarter of 2016, which focused on the deepening of the inner



## Antigua and Barbuda's National Hydrographic Office - ADOMS

harbour adjacent to the north side of the Heritage Quay pier to accommodate the Quantum Class Cruise Ships.

- .2 The Port Authority concluded a \$100 million US loan agreement in October 2016 for the refurbishment and development of the main port facilities. Work is expected to commence in the second quarter of 2017 at the Deepwater Harbour Commercial Port Facilities.

### 8. Oceanographic Activities

#### .1 Tide Stations:

- .1 The Tide Station on the sister island of Barbuda is functioning normally after an extensive reassembling work by a specialize team from NOAA. Monitoring of this Station is done by the local Meteorological Office at VC Bird International Airport.
- .2 The Tide Station at Camp Blizzard on the mainland of Antigua is operational.

### 9. Other Activities:

- .1 **IALA Audit:** The IALA World Wide Academy conducted a review, of the 45 recommendations contained in the report of the technical mission completed in December 2015, on the 6<sup>th</sup> December 2016 in Antigua and Barbuda,.
- .5 **OECS Regional Hydrographic Initiative:** Antigua and Barbuda is hopeful that this initiative will gather some momentum in 2017 once the final report is concluded and submitted to the relevant authority to initiate the next phase of this program.

### 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.