



**BUDGET:** \$10M+ // **PERIOD:** 2 Years // **ASSIGNMENT:** Construction Project Management / Construction Engineering

## ► Project Description

Gun Point Harbour is a new inland harbour for the Government of The Bahamas (GOB) located at the northern tip of Ragged Island. The \$10M+ project is funded by the European Union and once complete will provide protected berthing facilities for the Royal Bahamas Defense Force and cargo vessel access for the island.

The project includes dredging an inland basin to house a 400ft face dock and Ro/Ro ramp. The concrete protected face dock has been constructed of steel sheet piles, walers and tie back anchors. The basin is protected by two substantial breakwaters layered with boulder material and protected with precast concrete Cor-Loc armour units. The harbour contains a fuel off loading and refueling facility with on-site storage of up to 80,000 gallons of fuel.

## ► CCS Role

- CCS has acted as Construction Project Manager and Construction Engineer for a Bahamian-based general contractor. In our role as project manager, we prepared the detailed construction estimate, project schedule and construction methodology in the competitive tendering exercise (2010), in order to secure the successful bid for the contractor.
- Ongoing project management services include project coordination, schedule and budget control and construction quality control. We also acted as the primary liaison with the design engineer to ensure compliance and adherence with the strict contract specifications.
- Construction engineering services included technical surveying such as breakwater and channel setting out and hydrographic surveying. Our services also included construction methods, construction quality control and engineering services for design-build elements such as fueling, re-fueling and fuel storage facilities.