



BUDGET: \$100M // **PERIOD:** 2008 to Present // **ASSIGNMENT:** Prime Engineering Consultant / EIA / Field Investigation / Project Management

► Project Description

Over Yonder Cay is a private island under development in the Exuma Cays since 2008. The 72-acre island includes the development of a marina, seaside pier, seaplane ramp, and primary owner's residence along with three additional residences. The island boasts the largest alternative energy project in The Bahamas with just under an acre of solar field and eight wind generators. A central utility compound is the operational hub for all major infrastructure including water and power generation and distribution.

The project is estimated at near \$100M with the infrastructure complete in 2010, marina and boathouse facilities complete in early 2011 and primary residence scheduled to be complete before the end of 2011.

► CCS Role

- CCS acted as prime engineering consultant since inception on major project components such as channel and marina, boathouse, residences, utility compound and infrastructure distribution. Our role as prime engineer made us responsible for the provision of marine, environmental, geotechnical, structural, mechanical, electrical, plumbing and civil infrastructure engineering services on all the major project components noted.
- CCS also developed the Environmental Impact Assessment (EIA) as well as managed the approvals process with the agencies of the Government of The Bahamas.
- To facilitate environmentally sensitive design our team carried out an extensive field investigation program which included hydrographic surveying and marine benthic resource mapping.
- Our team was also instrumental in obtaining building permits and providing continual construction quality control inspections throughout the development of the Cay.