

Big Ambergris Cay, Turks & Caicos



marine environmental

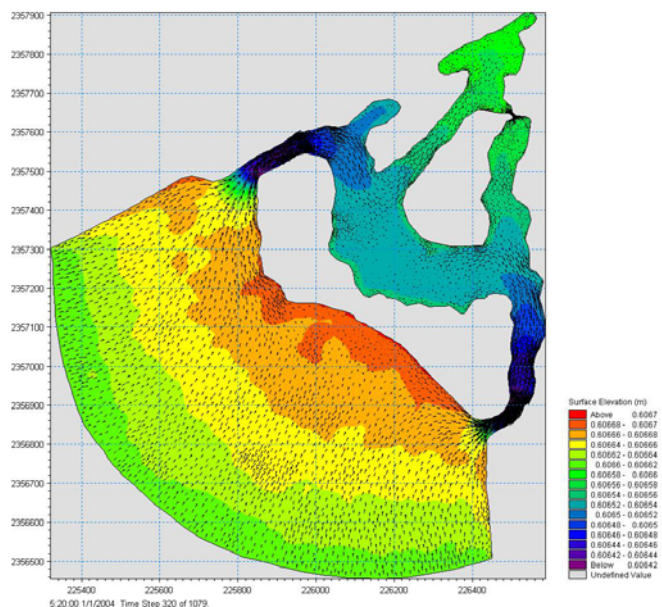
The Turks and Caicos Sporting Club at Ambergris Cay is a 1,100-acre private island that is currently being developed in the Turks and Caicos. The development will include exclusive private residences along with an aerodrome, club amenities, and a deepwater marina. Coastal Systems has been involved with the Ambergris Cay project since inception, and has provided the following consulting services to assist the ownership with the implementation of the project:

- Marine and Terrestrial Resource Assessments
- Environmental Impact Assessment Preparation and Processing
- Hydrographic Surveying
- Control and Topographic Surveying
- Preliminary Utility Planning for Water and Sewer infrastructure
- Coastal Engineering Analysis:
 - Wind/Wave Statistical Analysis
 - Numerical Modeling of Wave Propagation
 - Storm Surge Mapping
 - Tidal Hydraulic Modeling of Proposed Lagoons
- Marina Entrance Channel Design
- Runway Extension Consulting
- Marina Planning

Construction of the initial phases of work began in 2004, and initial amenities are scheduled to open in 2007.



Aerial of Existing Island



Numerical Model of Proposed Lagoon



Construction of Entrance Channel in Progress

Client: Ambergris Cay Partnership

Location: Turks and Caicos, BWI

Date of Completion: Ongoing

Construction Cost: \$18,000,000 (Est.)

