



Grand Turk Cruise Ship Pier Turks and Caicos, British West Indies

Greenfield Site

Design-build a pile-supported port-of-call pier, with docking for two 960 ft. cruise ships, plus timber dock to accommodate smaller tour boats.

The pier accommodates two Spirit Class vessels, with an oversized fender system capable of accepting cruise ships with displacements up to 100,000 tons. The cruise ship pier is engineered to withstand a Category 5 hurricane and up to 25 ft. waves, and has been hurricane tested multiple times since its completion, with no loss of structural integrity.

Design activities included dredging, ship simulation for navigation and berthing, mooring and berthing, mooring dolphin; pile-supported pier, aids to navigation, and small craft (excursion boat) pier.

Completed
March 2006

Nature of Responsibility

Gary Schneider, P.E., Project Manager, Design
QC Manager
Steve Walton, P.E., Designer of Record

Client Representative

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