



## Port Castries, Berths 2 and 3 St. Lucia

### Renovation

Design-build a 1,150 linear ft. steel-sheet pile bulkhead and hardened mooring points, with H-piles, in front of an existing 100-year old concrete cylinder gravity structure located in a high seismic zone.

The new bulkhead reinforced the existing concrete structure, which showed extensive signs of distress due to scour and high mooring loads from cruise ships. The structural upgrade, including moorings with new fenders and high wind bollards made possible an increase in dredge depth to accommodate Voyager Class vessels.

### Completed

November 2007

### Nature of Responsibility

Gary Schneider, P.E., Project Manager, Design  
QC Manager

Steve Walton, P.E., Designer of Record

### Client Representative

Sean Matthew, Port Director  
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