

"CROSS ISLAND" LAND RECLAMATION ROYAL NAVAL DOCKYARD BERMUDA

Cashman was part of the team that completed the first-phase construction of "Cross Island," the land reclamation project that will be the home of the Event Village for the 2017 America's Cup, hosted by Bermuda.

PROJECT INFORMATION

Location: South Basin,
Royal Navy Dockyard, Ireland Island,
Sandys, Bermuda

Contractor: Cashman Dredging and
Marine Contracting Company, LLC

Contract Dates: Aug 2015 - 2016

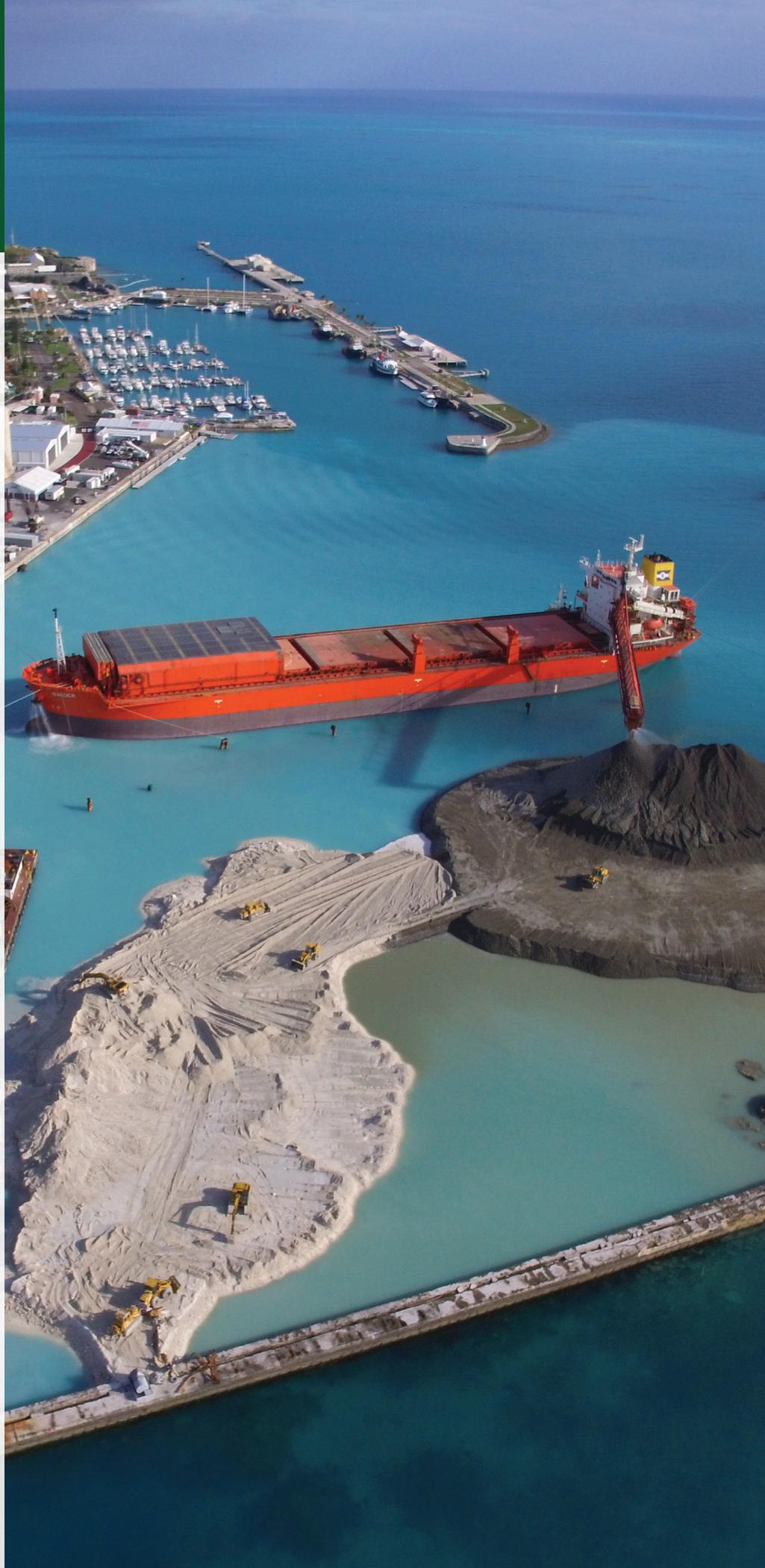
Dollar Value: \$21.2 Million

OWNER INFORMATION

Awarding Authority/Owner:
West End Development Corp. (WEDCo)

OWNER'S AGENT / CONSTRUCTION MANAGER

ACBDA Ltd. / BCM McAlpine Ltd.





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ROYAL NAVAL DOCKYARD
SANDYS, BERMUDA

Cashman proposed an innovative design-build (D-B) option for the project at the bid stage, providing nearly \$5.0 million in savings to the Owner. Through value engineering and ongoing dialogue between the WEDCo and project team, constant evolution of the D-B works led to the most efficient, cost-effective, and environmentally sound installation for this high-profile project. Dredging took four months and construction was completed in six months. The project employed over 25 local subcontractors and suppliers throughout all states of construction. The first phase of construction was completed in October 2016.

PROJECT HIGHLIGHTS

- Cashman's responsibilities included relocation of ~140,000 cubic yards of previously deposited dredged material; relocation of over 300,000 cubic yards of fill material imported from Canada; construction of a 1,250-foot splash wall designed by PND Engineers to the south and east of the site; installation of a sheet-piled bulkhead to retain the fill and provide a northern and western boundary to the site; 1,350 feet of concrete pilecap; extension of multiple utilities into the newly reclaimed land; and final site grading.
- A total of 7 shiploads of imported granite were deposited at the South Basin site, brought to Bermuda on the bulk carrier MV *Balder* and offloaded via conveyor belt.
- Installation of over 1,800 steel sheet piles along the perimeter began in February and finished in June, 2016.
- The first phase of construction of "Cross Island" was completed in early October 2016.

