



New North Cruise Berth 7 – Ebsary Foundation

PORT MIAMI, FLORIDA

Royal Caribbean designed and constructed a new cruise terminal in the Port of Miami capable of handling the largest cruise ships in the world. The new terminal houses an angular glass center and parking garage for about 1,000 parking spaces at the northeastern side of the port. The 170,000 square-foot terminal is nicknamed the ‘Crown of Miami’ because of its angular glass shape. The new terminal will be the home base for the ships Allure of the Seas and Symphony of the Seas. A number of different contractors were involved with the project including Suffolk Construction Co., Moss, and Ebsary Foundation Co.

PROJECT HIGHLIGHTS:

- Cashman’s responsibilities included dredging ~117,000 cubic-yards of sand, coral, debris and limestone into fixed bottom hopper scows; transloading of that material from the scows on to land for re-handling and trucking offsite.
- Upland re-handling of material and disposal by truck provided by Ebsary Foundation Co.
- Dredging operations occurred in tight quarters with the old bulkhead sheets/piles being extracted simultaneously.
- The dredge encountered ~44,000 square-feet of limestone around the middle of the project site which required the use of a “punch” (steel pipe w/ chisel) dropped from a crane to fracture the rock. This method worked successfully.
- The dredge cleared ~15,000 square feet of limestone to the west of the berth outside the original scope in order to provide Royal Caribbean a completely clear berth.

Location:	Port of Miami Berth 7, Miami, Florida
Contractor:	Cashman Dredging and Marine Contracting Company, LLC
Contract Dates:	June – October 2018
Dollar Value:	\$5.9 Million
Awarding Authority / Owner:	Ebsary Foundation Co.
Owner’s Agent / Construction Manager:	Ebsary Foundation Co.

Cashman was contracted by Ebsary Foundation Co. to assist them with the deepening of the berth to 37 feet. There was a significant overrun in the available quantities on the project as originally it was expected that 80,000 cubic-yard would be removed by Cashman. Dredging services were provided on a day rate basis.

