



US Army Corps
of Engineers
Wilmington District

Wilmington Harbor, NC (Navigation) (O&M)

Sponsor: State of North Carolina



CONGRESSIONAL DISTRICT: NC 3 and 7

DATE: 23 February 2015

1. **AUTHORIZATION:** River and Harbor Act 1930, 1945, 1950, 1962, 1964, Section 107 of the River and Harbor Act 1960, WRDA 1986, WRDA 1996, and Energy and Water Development Appropriations Act of 1998.
2. **LOCATION AND DESCRIPTION:** The project is located on the southeastern coast of North Carolina in Brunswick and New Hanover Counties. The existing project, including improvements made since August 1999, provides for a channel 44 feet deep through the ocean bar and an entrance channel changing to 42 feet deep extending to just downstream of the Cape Fear Memorial Bridge at Wilmington, NC. Upstream of this point, the channel is 38 feet deep to the Highway 133 bridge; 32 feet deep to the Hilton Bridge over the Northeast Cape Fear River; and 25 feet deep from the Hilton Bridge to a point 1-2/3 miles above. The project also includes a northwestward connecting channel, 12 feet deep, from the Atlantic Intracoastal Waterway at Snows Cut to the main river channel.
3. **FY 2014 FEDERAL FUNDING ALLOCATION:** \$18,009,000
4. **FY 2015 FEDERAL FUNDING ALLOCATION:** \$13,986,000. These funds are being used for maintenance dredging of the following: anchorage basin with upland disposal to the Eagle Island Dredged Material Disposal area; outer ocean bar with disposal to the ocean dredged material disposal (ODMDS) portion of project; inner ocean bar to a 90 percent channel capacity with disposal to the adjacent beach; and for operations activities, hydrographic surveys for 30+ miles of channel, environmental monitoring, mosquito control activities plus produce plans and specifications for the upcoming FY 2016 maintenance dredging contracts.

PROJECT INFORMATION – Wilmington Harbor, NC (Navigation) (O&M) – Continued

5. **FY 2016 BUDGET AMOUNT:** \$15,019,000.

6. **ISSUE AND/OR STATUS:** The Corps anticipated and planned to dredge the inner ocean bar channel every two years. Shoreline compatible material from this maintenance dredging action is placed on adjacent shorelines, as described in the sand management plan for the project. The sand management plan calls for a 1/3 to 2/3 split of material dredged from the inner ocean bar channel to be placed on Oak Island and Bald Head Island, respectively. To meet this requirement, the Corps rotates shoreline disposal locations among the adjacent islands, with Bald Head Island getting material from 2 of every 3 maintenance dredging contracts, with the third going to Oak Island. The latest maintenance dredging contract is scheduled to complete in April 2015, with the material placed on Bald Head Island.