

APALACHICOLA BAY, FLORIDA

CONDITION OF IMPROVEMENT ON 30 SEPTEMBER 1989

Existing Project: The existing project provides for: (a) A channel 10 feet deep and 100 feet wide from 10-foot depth in Apalachicola Bay, across St. George Island, to within 300 feet of the gulf shore, thence increasing uniformly in width to 200 feet at shore and continuing with that width to 10-foot depth in the Gulf of Mexico, with twin jetties extending from dune line to outer end of channel; (b) an inner bar channel, 10 feet deep and 100 feet wide, in Apalachicola Bay; (c) a boat basin 200 by 880 feet and 9 feet deep at Apalachicola, Fla., with a connecting channel 9 feet deep and 80 feet wide through Scipio Creek to Apalachicola River; (d) a channel known as Link Channel, 10 feet deep and 150 feet wide, in Apalachicola Bay; (e) a channel generally parallel to shore at Eastpoint, Fla., 6 feet deep and 100 feet wide, and about 6,000 feet long, with a connecting channel 6 feet deep and 100 feet wide to water of same depth in St. George Sound with twin breakwaters on either side parallel to the shore and having a total length of 5,300 feet; (f) a channel 10 feet deep and 100 feet wide through Bulkhead Shoals, connecting Apalachicola Bay with St. George Sound; and (g) a 6- by 100-foot channel about one mile long, generally parallel to shore at Two Mile, Fla., with a 6- by 100-foot connecting channel to water of the same depth in Apalachicola Bay. Plane of reference is mean low water.

Improvements at Two Mile were authorized initially 21 November 1963 by Chief of Engineers under authority in Section 107 of the River and Harbor Act of 14 July 1960. Modifications to the Two Mile project to provide for breakwaters paralleling the existing channels, and an extension channel 6 feet deep by 100 feet wide and about 9,000 feet long extending eastward to the Gulf Intracoastal Waterway by the Chief of Engineers under 107 authority. Other features of existing project were authorized by River and Harbor Acts of 3 September 1954 (H. Doc. 557, 82d Congress, 2d Sess.), 3 July 1958, and prior acts.

Progress: The existing project, authorized by the 1954 River and Harbor Act, was completed in 1959, including reimbursement to local interests for approved work as authorized by the 1958 River and Harbor Act. Improvements at Two Mile except for the modifications authorized in 1975 were completed in September 1964. Construction of the breakwater and channel improvements authorized in 1975 at Two Mile was completed in September 1977. Construction of breakwaters at Eastpoint authorized in 1983 was completed in March 1984.

Cost of Construction: \$2,033,461 (including \$134,613 expended on previous projects and \$28,500 for D.P.R. on Two Mile.)

Tidal Range: Mean, 1.6 feet, extreme, 3.0 feet.

Controlling Depth: Maintained to authorized depths except Inner Bay Channel (see note). Apalachicola Boat Basin, 9.0 ft., East Point Channel, 6.0 ft., Link Channel, 10 ft., Inner Bar Channel, 12.0 ft., St. George Island Channel, 10.0 ft., Two Mile Channel, 6.0 ft.

Note: Inner-Bar Channel forms part of Gulf Intracoastal Waterway, and is maintained to the project depth of that waterway, 12 feet by 125 feet.