

DAUPHIN ISLAND BAY, ALABAMA

CONDITION OF IMPROVEMENT ON 30 SEPTEMBER 1994

Existing Project: The existing project provides for (1) a channel 7 feet deep and 150 feet wide from Mobile Bay to an anchorage basin of the same depth, about 7 acres in area, in the marsh just north of Fort Gaines on Dauphin Island; a channel 6 feet deep and 40 feet wide from the anchorage basin to Dauphin Island Bay; and for a jetty and revetment to protect the entrance channel; and (2) an anchorage basin 7 feet deep and 500 feet square at Dauphin Island village, with an entrance channel of like depth, 100 feet wide and about 8,300 feet long, extending to the 7-foot hydrographic contour in Mississippi Sound. Plane of reference is mean low water.

The existing project was authorized by the R. & H. Acts of 2 March 1945 (H. Doc. 333, 76th Cong., 1st sess.), 3 September 1954 (H. Doc. 394, 82d Cong., 2d sess.), and Section 107 of the River and Harbor Act of 14 July 1960.

Progress: Completed in July 1959. Modification to deepen channel from Fort Gaines Anchorage Basin to Dauphin Island Bay from 4 to 6 feet completed in April 1992.

Cost of Construction: \$292,864.

Tidal Range: Mean, 1.1 feet; extreme, except during storms, 4.0 feet.

Controlling Depth: Maintained to authorized depths: Village channel and basin, 7.0 feet; Fort Gaines entrance channel, 7.0 feet; connecting channel, 6.0 feet; anchorage basin, 7.0 feet.

Local Sponsor: Mobile Chamber of Commerce, Mobile, Alabama.