

# 4185

Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
State: <u>Florida</u>	
11-5613	
DESCRIPTIVE REPORT.	
Topographic	Sheet No. <u>4185</u>
LOCALITY:	
<u>Tampa Bay</u>	
<u>Old Tampa Bay~S. Part</u>	
1926	
CHIEF OF PARTY:	
<u>R.L. Schoppe</u>	

4185

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET

NO.....

(Field Letter "B")

OLD TAMPA BAY

FLORIDA

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STEAMER BACHE

Ray L. Schoppe

Commanding.

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET

NO.....

(Field Letter "B")

OLD TAMPA BAY

FLORIDA.

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EXTENT

This sheet comprises a resurvey of the lower half of Old Tampa Bay. It joins sheet "A" on the northwest at a point  $1/2$  mile north of triangulation station Cooper and on the northeast at a point about 2 miles S.E. of triangulation station Rocky Point. On the southwest it joins sheet "C" at triangulation station Cedar Point and on the southeast, sheet "F", at a point about  $1\frac{1}{2}$  miles west of triangulation station Gadsden Point.

CONTROL

The survey was controlled by recovered and newly established triangulation stations.

METHODS

Three point fixes were used almost entirely. Controlling points were established on the plans of the various towns and the town limits thrown in from blue prints. All data taken from blue prints has been closely checked and no information placed on sheet unless known to exist.

SHORELINE

Mangroves are a predominating feature along the shoreline. The beaches are a peculiar combination of sand and mud. On the west side of the sheet the symbols for these two features have been combined. This material becomes muddier in the bayous but on the outside shoreline it also has a sticky texture. The symbol for sand has been used entirely on the east side but it is much the same as that on the west side.

The only material change in shoreline seems to be in the mangrove area. On the west side the area between triangulation stations Cross and Cedar does not correspond with the old sheets. The limit of the mangrove corresponds roughly with the old low water or marsh line. This area has evidently grown up in mangrove and sanded in. A similar occurrence has taken place in the

area around Picnic Island on the east side. High water line has been<sup>drawn in</sup> in the mangrove area. Extreme high tide probably extends into the mangrove some distance but in general it is thought that the mangrove will closely delineate high water line. The mangrove is of substantial growth, ten or twelve feet in height.

#### LANDMARKS

Tank W at Safety Harbor is a high prominent steel tank. Tanks 1 and 2 at Port Tampa are high, prominent steel tanks. The phosphate elevators on the dock at Port Tampa are also very prominent. Triangulation station See is a high observation tower on Club San Remo. During the winter season a huge search light sweeps the horizon from the tower. This search light is visible in the lower part of Tampa Bay. Triangulation station Look is a similar tower on the east side. This tower has no search light.

#### REMARKS

Bp 20583 Bp 20584 Bp 20585

Three developments, Beach Park, Sunset Park and Bel Mar are shown on the east side. Dredging operations are being carried on at all three. Beach Park is nearing completion. Sunset Park has a few streets completed and an earth dike thrown up on the shore side. Bel Mar has thrown up an earth dike on the shore side and completed the Prado which is the main street. No progress has been made on the canals which are planned. Neither Sunset Park nor Bel Mar have begun operations on the proposed islands. At the west end of Gandy Causeway a sub-division known as the Florida Riviera is planned. Dredging operations for this development are almost completed as shown on the sheet. No streets have been completed to date. A seven foot channel is being dredged into the bayou south of the Riviera. At date of survey it was possible to carry this depth to the boardwalk crossing the entrance to the bayou. It is proposed to extend this channel through to Papy's Bayou. At completion of survey, Gandy Bridge Company had voted to widen the causeway and bridge to accomodate greater traffic. Dredges are now operating on the north side of the causeway at the eastern approach. The increased area of causeway will be sold for development purposes. No appreciable progress is evidenced as yet. The operations on this project will probably extend over a period of two or three years. Developments are underway south of Safety Harbor. Construction gangs are at work on proposed streets. Surveys have been made by a private concern with the view of throwing a bridge across the bay between Cooper Point and Rocky Point. This bridge would furnish a direct route between Clearwater and Tampa and would probably join the new Bay to Gulf Boulevard now under construction.

The symbols for triangulation stations are not shown for Gandy Draw Bridge or the East and West Toll Houses. The symbols would obscure essential topographic features.

Submitted:

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J. A. McCormick, Jr. H. & G. Eng.

Approved and Forwarded,

*Ray L. Schoppe*  
Ray L. Schoppe, Chief of Party.

