

4200

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

E. Lester Jones Director

C. & G. SURVEY

L. & A.

NOV 2 1926

cc.

State: Florida

DESCRIPTIVE REPORT

Topographic

~~Hydrographic~~

Sheet No. D 4200

LOCALITY

Tampa Bay

E. Shore to
Mangrove Point

Little Manatee River

1926

CHIEF OF PARTY

Ray L. Schoppe

GOVERNMENT PRINTING OFFICE

4200

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET

NO.....

(Field Letter "D")

EAST SIDE OF TAMPA BAY FROM

STATION MANGROVE SOUTH TO A

POINT 2.3 MILES SOUTH OF

STATION COCK ROACH .

STEAMER BACHE

RAY L. SCHOPPE, COMDG.

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET

NO.....

(Field Letter "D")

EAST SIDE OF TAMPA

BAY FROM STATION MANGROVE

SOUTH TO A POINT 2.3 MILES

SOUTH OF STATION COCK ROACH

EXTENT This sheet includes a topographical survey of the shore line on the East side of Tampa Bay from station MANGROVE Δ South to signal PIN \odot .

It adjoins a survey of the adjacent shore line, at present being made by the Steamer HYDROGRAPHER, to the Southward, and adjoins sheet "E" at Station MANGROVE to the Northward.

CONTROL

Triangulation stations MANGROVE, INDIAN HILL and COCK ROACH were recovered and the following additional stations established;

Cut E Front Range, Cut F Front Range, Cut J Rear Range, Cut C Front Range, Cut C Rear Range, and Pinelos Point Light.

Trouble was experienced with Station COCK ROACH and a plane table position by a three point fix shows it about 10 meters East of the position given.

The following plane table positions which are of a permanent nature were established.

Light Bn. No. 1 ²	Lat.	D.M.	Long. 2	D.P.
Little Manatee River.	27° 43'	1123 M	82° 29'	1273.0 M
Light Bn. No. 1 ¹				
Little Manatee River.	27° 43'	1368.0M	82° 28'	1494.0 M

DESCRIPTION OF SHORE LINE

From Station MANGROVE to the entrance to the Little Manatee River a heavy growth of mangrove extends to the waters edge and high water line is indeterminate as the country is swampy back to the woods and the tide makes up, into the bushes. Where this condition prevails no definite high water line is shown on the sheet, the limits of the mangroves being shown by symbols.

From the Little Manatee River to a point about 1 mile south of Station COCK ROACH the shore line consists of a chain of narrow islands for the greater part covered with mangrove. A definite high water mark was obtainable only along short stretches of sand beach which are very narrow. The country between the front line of islands and the woods consist of mangrove swamps and areas of very shoal water.

There are no high points or distinct marks which would be of value to navigation.

CHANGES IN SHORE LINE

The shore line shows no important changes from that given by the original survey. The area along the woods line from the Little Manatee River south which was a sand beach when the original survey was made is now nearly all covered with mangrove.

SURVEYING METHODS

The section back of the line G.H. on the sheet was not surveyed by plane table, this section was put on from the old chart. The survey shows very little change from that shown on the original sheet and it is unlikely that any change has occurred here. The section originally shown as sand beach is now covered with mangrove as seen from INDIAN HILL. There is a portion of this beach that could not be seen from INDIAN HILL and symbols have not been inked but it is likely that it too is now covered with mangrove.

The main channel of the Little Manatee River was surveyed on 1/10000 scale as shown on the sub-plan. A traverse line was carried up the river from Signal START, as no triangulation station was available. The sub-plan joins the work on 1/20000 scale along line A B C D E F. The side of the river shown on scale 1/20000 was also done by traverse, the traverse lines being connected at Point "F".

Respectfully Submitted

B.G. Jones

Respectfully forwarded

Ray L. Schoppe
Ray L. Schoppe
Chief of Party

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NOV 22 29 PM

REG. NO. 14

4200

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. "D"

REGISTER NO. 4200

State Florida

General locality Tampa Bay

Locality East shore to Mangrove Point

Scale 1/20,000 Date of survey April, 1926

Vessel BACHE

Chief of Party Ray L. Schoppe

Surveyed by B. G. Jones Aid

Inked by B. G. Jones Aid

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated June 3, 1924 and December 3, 1925

Remarks: Sub plan Little Alafia River on scale

of 1/10,000