DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
E. L. Estes, Director

State: Florida

C & G. SURVEY
L & A.
NOV 2 1926

DESCRIPTIVE REPORT
Topographic | Sheet No. D 4200
Hydrographic

LOCALITY
 Tampa Bay
E. Shore to Mangrove Point
Little Manatee River

1986

CHIEF OF PARTY
Ray L. Schoppe
DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET

NO. ............... 

(Field Letter "D")

EAST SIDES OF TAMPA BAY FROM

STATION MANGROVE SOUTH TO A

POINT 2.3 MILES SOUTH OF

STATION COCK ROACH

STEAMER BACHE

RAY L. SCHOPF, 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

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

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.

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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 Pinaro 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.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Little Manatee River.</td>
<td>27° 43'</td>
<td>1123 M</td>
<td>82° 24'</td>
<td>1273.0 M</td>
</tr>
<tr>
<td>Light Bn. No. 21</td>
<td>27° 43'</td>
<td>1395.0 M</td>
<td>82° 28'</td>
<td>1494.0 M</td>
</tr>
</tbody>
</table>
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 C.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

Respectfully forwarded

Ray L. Schoppe
Chief of Party
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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. 4200

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. Schoppa

Surveyed by H. G. Jones Aid

Inked by H. 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