

6284

Graphic Center

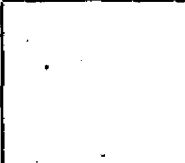
Additional work

Form 504  
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton....., Director



State: Florida

DESCRIPTIVE REPORT

Topographic }  
Hydrographic } Sheet No. F

LOCALITY

East Bay ~~Section~~

~~St. Andrew Bay~~

Watson Bayou to Shoal Point Bayou

193 5

CHIEF OF PARTY

Wm. D. Patterson

6284

Graphic Center

Additional work

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

Additional work  
Graphic Control

T6284

Each Topographic and Graphic Control Sheet, and each Air Photographic Drawing should be accompanied by this form, completed so far as practicable, when forwarded to the Washington office.

Graphic Control  
REGISTRY No. 6284  
Field No.  
Scale 1:10,000

State Fla. General locality Bay County

Specific locality St. Andrews Bay - East Bay

Dates: Survey began 24Jan46 Completed 28Jan46

Photography 18May45, Supplemented by ground surveys to 28Jan46

Project No. Ph-1(45) Instructions dated 7Dec45; Sup. 1, 28Dec45; Sup. 2, 5Jan46

Vessel } or Shore Party Chief of party E.L. Jones

Field work by Boynton Locke Office work by Boynton Locke

Final inking by I.I. Saperstein

Ground elevations } in feet above { M. H. W.  
Treetop elevations } or

Contours } by { Planetable } Interval ..... ft.  
Approximate contours } Multiplex }  
Form lines }

REMARKS

DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY

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TOPOGRAPHIC TITLE SHEET  
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Treetop elevations in feet above \_\_\_\_\_ or \_\_\_\_\_

Contours \_\_\_\_\_ Planetable  
Approximate contours by \_\_\_\_\_ Multiplex Interval \_\_\_\_\_ ft.  
Fern lines \_\_\_\_\_

REMARKS:

DESCRIPTIVE REPORT TO ACCOMPANY  
TOPOGRAPHIC SHEET REGISTRY NO. 6284

PROJECT: Ph-1(45) DATE OF INSTRUCTIONS: 7Dec45; Sup. 1, 28Dec45;  
Sup. 2, 5Jan46

DATE OF FIELD WORK: 24Jan46 - 28Jan46

PURPOSE: To locate on the sheet existing aids to navigation and make major topographic revisions where necessary in the original shoreline and topographic detail.

FIELD WORK: The field work consisting of additions and corrections to the original survey have been shown on the sheet in orange ink to distinguish them from the original work. Only these corrections and additions are discussed in this report.

AIDS TO NAVIGATION: All aids to navigation were located by at least three planetable cuts from established shore triangulation or topographic stations except in Shoal Bayou Channel where three stations, SAN, CHAN, and NEL were located by a rod distance and one or more check cuts from which Shoal Bayou Channel Beacons 3,5,7, and 9 were located.

MAJOR TOPOGRAPHIC CHANGES: The only major topographic change in this area was the dredging of Shoal Bayou Channel. This change has been shown on photo 3038.

LANDMARKS, GEOGRAPHIC NAMES, COAST PILOT CORRECTIONS, RECOVERY OF HORIZONTAL CONTROL, TOPOGRAPHIC CHANGES ON PLANIMETRIC MAPS, FIELD INSPECTION OF PHOTOGRAPHS, and DISCREPANCIES IN PUBLISHED BRIDGE DATA have been made the subject of a special report and is submitted by areas for this project. The area of this sheet is covered in Special Report, Project Ph-1(45), Port St. Joe-West Bay, Fla. Area.

DISCREPANCIES IN PUBLISHED DESCRIPTIONS OF AIDS TO NAVIGATION have been reported by letter to the Director in accordance with instructions.

Submitted by,

*Boynton Locke, Jr.*  
Boynton Locke, Topo. Engr.  
Topographer

Approved and forwarded:

*Edmund L. Jones*  
Edmund L. Jones  
Chief of Party

*It is assumed that the aids to navigation will be charted and checked by the nautical chart compilers. No further review by the Hydrographic Survey Section is necessary.*

*R.H. Carstens 5/7/46*

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO.

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. "P" 6284

REGISTER NO. T6284

State Florida

General locality Bay County East Bay

Locality Watson Bayou to Shoal Point Bayou  
~~East Bay Section, St. Andrew Bay~~

Scale 1:10,000 Date of survey January-February, 19 35

Vessel Field Party No. 5, Project HT-195

Chief of party Lieut. Wm. D. Patterson

Surveyed by Daniel S. Ling

Inked by Charles R. Smith

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated November 30, 19 34

Remarks: This area has been flown for aerial photographs

DESCRIPTIVE REPORT

To Accompany

TOPOGRAPHIC SHEET (Field Letter "F")

EAST BAY SECTION, ST. ANDREW BAY, FLORIDA.

Project HT-195, Wm. D. Patterson, Chief of Party

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INSTRUCTIONS:

This work was done under the Director's instructions dated November 30, 1934.

METHODS:

Standard Coast and Geodetic Survey planetable methods were used entirely in the survey of this sheet. No traversing was required except where used as a check on the planetable triangulation in running surveys up the larger bayous. Control for the survey was obtained from triangulation stations located with second order accuracy by Lieut. W.D. Patterson in 1934 at approximately two mile intervals along the shore.

GENERAL

DESCRIPTION:

The shore line of this portion of East Bay is nearly all sandy beach with pine woodland behind it. There is some marsh, mostly at the smaller bayous. Several houses are to be found along the bay shore in various places.

The three brick stacks and the elevated water tank of the Southern Kraft Corporation are the most prominent landmarks in this area. Other landmarks are the aids to navigation, consisting of the light outside Watson Bayou, and day beacons 8 and 63. Dupont Bridge crossing the bay at Long Point also serves as a landmark.

This area has all been flown for aerial photographs so shore line was obtained by planetable methods, only around the bodies of waters that were to be sounded. Since tides in this area shows great variation under different wind conditions, and as most of the sandy beaches are very flat, the high water line is indefinite and apt to show a rather large difference when taken at different times.

Information regarding the various settlements shown on Chart No. 184 in this area is as follows:-

San Blas. A few houses near the southern end of Dupont Bridge. Has no postoffice.

Cromanton. A few houses, church, school, and post office in area shown on chart.

Parker. A few houses, store, post office, in area shown.

Bay Harbor. A good many houses, several stores, post office, etc. This settlement is just north of the Southern Kraft Corporation rather than <sup>a</sup>shown on chart.

Millville. A fair sized village, has post office, school, churches, stores, etc.

#### BRIDGES:

Dupont Bridge has a total span of 848 meters (2782.2 ft.), girder approach spans at the northeast end of bridge are 110 meters (360.9 ft) long, at the southwest end of bridge are 192.5 meters (690.6 ft) long. The balance of the bridge consists of 9 steel through truss spans with the main channel crossed by a center pier steel truss draw span. It is 438 meters (1437 ft) from the northeast end of bridge to the center of the draw span. The horizontal clearance between cribs is 30 meters (98.4 ft.) northeast of the center pier and 29.45 meters (96.6 ft) south west of center pier. The northeast opening is lighted with three lights on the edge of cribbing each side of the opening. ~~The white~~ <sup>green</sup> light is placed on top of the draw span at the center line of the span. The vertical clearance under the draw spans (closed) is 14 feet at mean high water.

Pitt Bayou is crossed near its end by a wooden bridge having a total length of 18.5 meters (60.7 ft.), a horizontal clearance of 4.4 meters (14.4 ft.), and a vertical clearance of 7 feet at mean high water.

Martin or Gainer Bayou is crossed at its mouth by a wooden bridge having a total length of 36.8 meters (120.7 ft.), a horizontal clearance of 4.5 meters (14.8 ft.), and a vertical clearance of  $6\frac{1}{2}$  feet at mean high water.

#### CHANGES OF COAST LINE:

The Bay shows little change along the southern shore but the northern shore shows some recession. This is indicated by the fact that some 1910 triangulation stations along the northern shore have washed out.

<sup>0</sup>  
GEOGRAPHIC NAMES:

The geographical names shown on Chart No. 184 are all known locally except the bayou just east of the Southern Kraft Corporation, which is known as Martin Bayou rather than Gainor Bayou. It is recommended that this name be changed. The bayou east of the town of Parker is known as Parker Bayou and the one east of this is known as Pitt Bayou. It is recommended that these names be placed on the chart.

STATISTICS:

Area in square statute miles	11.0
Statute miles of shore line	25.0
Scale of sheet	1:10,000

Respectfully submitted,

*Daniel S. Ling*  
Daniel S. Ling,  
Surveyor.

Approved and forwarded:

*Wm. D. Patterson*  
Wm. D. Patterson, Lieut.,  
Chief of Field Party No. 5



Additional Notes by Chief of Party

Topographic Sheet "F"

The shore line as obtained by the photo compilation party has been shown on this sheet in pencil. The differences are due to the fact that no two observers are apt to select the same points for high water line in these marshy areas. It is recommended that preferences be given to the rodged shore line.

*X*  
*See Reviews T-5517*  
*T-5518, T-5519*

Panama City has been extended to include the towns of St. Andrew, Millville and Bay Harbor, although separate post offices are in operation at each place.

It is recommended that the local name "Martin Bayou" replace the charted name of "Gainer's Bayou". There is a bayou in North Bay charted as "Gainer's Bayou".

Dupont Bridge is locally called "East Bay Bridge", but the official name, stamped on the bridge, is "Dupont Bridge".

Respectfully submitted,

*Wm. D. Patterson*

Wm. D. Patterson, Lieut.,  
Chief of Field Party No. 5.



REVIEW OF GRAPHIC CONTROL SURVEY T-6284, SCALE 1:10,000

## Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5517<sup>5518</sup>,<sub>5519</sub> with particular attention to the following details:

- ✓ (a) Projection has been checked in the Field.
- ✓ (b) Accuracy of location of plane table control points.
- ✓ (c) Discrepancies between detail on this survey and the air photo compilations listed above.
- ✓ (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above.

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5517<sup>5518</sup>,<sub>5519</sub> for a more complete discussion of any errors or discrepancies found.

Any material errors found on this survey are noted in subsequent paragraphs of this review, and these have been reported to the Field Records Section and the Cartographic Section.

Notes and corrections resulting from the review are shown on this survey in green.

*See Review of T-5519 for discussion  
of discrepancies in Western Bayon.  
6/20/36 T.G.E.*

*T. Goshens  
8/12/35*

*Frank G. Enclave*

T-5518 ADR

*This graphic control survey has been compared with contemporary hydrographic surveys. No further review by the Hydrographic Surveys Section is necessary at the present time.*

*R.H. Casstens 5/3/46*