

JUN 11 1935

Acc. No. \_\_\_\_\_

Graphic Centre  
**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 } Sheet No. J  
Hydrographic }

LOCALITY

St. Andrew Bay

Courtney Point to ~~the~~ <sup>SHELL</sup> Bay Point

193 5

CHIEF OF PARTY

Wm. D. Patterson

Graphic Centre

**Additional work**

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

Additional work  
Graphic Control

T6304

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 *D. 2, 10*

REGISTRY No. **T-6304**

Field No. \_\_\_\_\_

Scale **1:10,000**

State **Florida** General locality **Bay County**

Specific locality **St. Andrews Bay - West Bay**

Dates: Survey began **29Jan46** Completed **30Jan46**

Photography **18May45**, Supplemented by ground surveys to **30Jan46**

Project No. **Ph-1(45)** Instructions dated **7Dec45; Sup.1, 25Dec45, Sup.2, 25Jan46; Sup. 3, 30Jan46**

Vessel } or **Shore Party** Chief of party **Edmund L. Jones**  
Party }

Field work by **T. M. Thompson** Office work by **T. M. Thompson**

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 \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Reg. No. - T-6304

1:10,000

Florida

Bay County

St. Andrews Bay - West Bay

29Jan46

30Jan46

18May45

30Jan46

Ph-1(45)

7Dec45; Sup. 1, 25Dec45, Sup. 2,  
25Jan46; Sup. 3, 30Jan46

Shore Party

Edmund L. Jones

T. M. Thompson

T. M. Thompson

I. I. Saperstein

DESCRIPTIVE REPORT TO ACCOMPANY  
TOPOGRAPHIC SHEET REGISTRY NO. T-6304

PROJECT: Ph-1(45) DATE OF INSTRUCTIONS: 7Dec45: Sup.1,  
28Dec45, Sup.2, 5Jan46; Sup.3, 31Jan46.

DATE OF FIELD WORK: 29Jan46 to 30Jan46.

PURPOSE: To locate on the sheet existing aids to navigation and make major topographic revisions where necessary in the original shore line 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 on this sheet by three or more planetable cuts.

MAJOR TOPOGRAPHIC CHANGES: Major topographic changes were delineated on photos No. 3008 and 3029.

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 Area.

DISCREPANCIES IN PUBLISHED DESCRIPTIONS OF AIDS TO NAVIGATION Have been reported by letter to the Director in accordance with instructions. (L 57, 1946)

Submitted by:

Thomas M. Thompson,  
Topo. Engr.  
*by E. L. Jones*

Approved and forwarded:

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

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY  
LIBRARY AND ARCHIVES  
JUN 11 1935  
REG. NO.  
Acc. 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. "J"

REGISTER NO. 6304

State Florida

General locality ~~Bay County~~ St. Andrew Bay

Locality ~~St. Andrew Bay~~ Courtney Point to West Bay Point <sup>Shell</sup>

Scale 1:10,000 Date of survey Feb. - Mar., 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 "J" (Field Letter)

ST. ANDREW BAY,

COURTNEY POINT TO WEST BAY POINT

FLORIDA

Project HT-195

Wm. D. Patterson

Chief of Party

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DATE OF  
INSTRUCTIONS:

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

SURVEY  
METHODS:

Standard Coast and Geodetic Survey planetable methods were used entirely in the survey of this sheet. No traversing was required except as a check on the planetable triangulation in the survey of Pretty Bayou. Control for the survey was obtained from triangulation stations located with second-order accuracy by Lieut. Wm. D. Patterson in 1935 at about one mile intervals along the shore.

GENERAL  
DESCRIPTION:

In general the shore line in this area is sandy beach with woodland in back. Around the bayous the shores are usually marshy. Between Buena Vista and Dyers Point are many houses along the shore.

The landmarks in this area are the beacons at Dyers Point and Sulphur Point (described on form 524), and the Hathaway bridge crossing the bay at Sulphur Point.

Hathaway Bridge has a total length of 1353.6 meters (4441 feet). The easterly girder approach is 95.7 meters (314 feet) long, and the westerly girder approach is 370.3 meters (1214.9 feet) long. The balance of the bridge consists of 17 through truss spans with the main channel crossed by a center pier steel truss draw span. The horizontal clearance between cribs is 24.5 meters (80.4 feet). The opening east of the center pier is lighted with three red lights on the edge of the cribbing each side of the opening. A ~~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  $13\frac{1}{2}$  feet at mean high water.

#### CHANGES OF COAST LINE:

There are no indications of much change in the shore line in this area. The shore line in pencil is from the photoplot.

#### GEOGRAPHIC NAMES:

No changes or additions for names of geographic features in this area are recommended. (*See D.R. T-5519 for discussion of names. H.L.F.*)

#### STATISTICS:

Sheet "J", Scale,	1:10,000
Statute miles of shore line	14.0
Area in square statute miles	12.5

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.



REVIEW OF GRAPHIC CONTROL SURVEY T-6304, SCALE 1:10000

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5519, 5521, 5523, 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-5519, 5521, 5523, 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 discussion in review of T-5519 in regard to error in  
Pretty Bayou.  
Frank G. Enkine 4/25/36*

*T-5521, T-5523 - F.G.E.*