

6283

U. S. COAST & GEODETIC SURVEY
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MAY 16 1935

Acc. No.

Graphic Control
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. E
~~Hydrographic~~

LOCALITY

~~East Bay Section~~

~~St. Andrew Bay~~

Callaway Bayou to Didi Point

193 5

CHIEF OF PARTY

Wm. D. Patterson, Lieut.

U. S. GOVERNMENT PRINTING OFFICE: 1928

6283

Graphic Control
Additional work

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

Additional work

T6283

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.

REGISTRY No. 6283 *Diary 267*

Field No. _____

Scale 1:10,000

State Fla. General locality Bay County

Specific locality East Bay

Dates: Survey began 23Jan46 Completed 23Jan46

Photography 18May45, Supplemented by ground surveys to 23Jan46

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

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

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 GEODESIC SURVEY

TOPOGRAPHIC TITLE SHEET

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REGISTRY NO. 6283

FIELD NO. _____

SCALE 1:10,000

STATE Florida General locality Bay County

Specific locality East Bay

Date: Survey began 22Jan46 Completed 23Jan46

Photography 18May46, Supplemented by ground surveys to 23Jan46

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

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

Field work by Boynton Locke Office work by Boynton Locke

Final inking by I.I. Sauerstein

Ground elevations _____ M. H. W.
Treetop elevations in feet above _____ or _____

Contours _____
Approximate contours by Picnetable Interval _____ ft.
Form lines _____

REMARKS:

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET REGISTRY NO. 6283

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

DATE OF FIELD WORK: 22Jan46 - 23Jan46

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: There is only one aid to navigation on this sheet, and it was located by three planetable cuts from shore stations.

MAJOR TOPOGRAPHIC CHANGES: There are no major topographic changes. The shoreline was inspected as inked on photo 3051.

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 aid to navigation will be charted and checked by the nautical chart compiler. No further review is necessary.

R.H. Casstano 5/3/46

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVE
REG. NO.
MAY 16 1935
A - 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. "E" 6283

REGISTER NO. T6283

State Florida

General locality Bay County East Bay

Locality Callaway Bayou to Didi Point
~~East Bay Section, St. Andrew Bay~~

Scale 1-10,000 Date of survey December - January, 1934-35

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, 1934

Remarks: This area has been flown for aerial photographs

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET "E" (Field Letter)
EAST BAY SECTION, ST. ANDREW BAY, FLORIDA.

1934

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

DATE OF INSTRUCTIONS

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

SURVEY METHODS

Standard Coast & 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 about two mile intervals along the shore.

GENERAL DESCRIPTION OF SHORE

The shoreline of East Bay is practically all a sandy beach, swampy land in some places behind it, and the rest practically all cut over pine land with a new growth of pine in varying sizes. The land is all flat. There are no houses on the bay shore and only a few up the bayous. There are no prominent objects or features in this area.

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

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

PLACE NAMES

The point shown on Chart 184 as "East Point" is known locally as Cedar Point (there are several cedars at the end of the point). Since this is the only name known locally for this point it is recommended that the name be changed on the chart.

The settlement of "Cook" shown on Chart 184 on Laird's Bayou consists of three or four houses, some of which are unoccupied. It has no post office.

The settlement of "Callaway" shown on Chart 184 on Callaway Bayou likewise consists of only a few houses and has no post office.

Respectfully submitted,

Daniel S. Ling

Daniel S. Ling, Surveyor.

Approved:

Wm. D. Patterson

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

STATISTICS:

Scale of sheet	1:10,000
Area square statute miles	12.0
Statute miles of shore line	20.0

Additional Notes by Chief of Party

Topographic Sheet "E"

After this sheet was inked it was loaned to the air-photo party of Lieut. (j.g.) M. H. Reese for comparison. The shoreline as obtained by the air-photo plot has been shown on the topo sheet in pencil. It will be noted that at the upper ends of Callaway Bayou and Laird's Bayou, where the topographer surveyed by traverse and planetable triangulation without check, that there are discrepancies between the topography and air-photo plot. In these places, it is recommended that the air-photo plot be accepted. In all other areas, it is recommended that the shore line as rodged by the topographer be accepted. Minor differences in location of shore line are to be expected since in this marshy area no two observers would be apt to select the same points for high water line.

Respectfully submitted,

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

REVIEW OF GRAPHIC CONTROL SURVEY T-6283, SCALE 1:10,000

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T- 5517 , 5518 , 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 , 5518 , 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.

T. Goshen
8/13/35

A. T. Ramm 8/13/35

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

R. H. Carstens 5/3/46