

Graphs Center
6281

Additional work

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES
MAY 16 1935
Acc. No.

Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patterson, Director

State: Florida

DESCRIPTIVE REPORT

Topographic } Sheet No. C
Hydrographic }

LOCALITY

East Bay

~~Vicinity of Farmdale Bayou~~
Island
Belliste to Farmdale

193 5

CHIEF OF PARTY

Wm. D. Patterson

6281

Graphs Center
Additional work

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

Additional work

T6281

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. 6281

Field No. _____

Scale 1:10,000

State Fla. General locality Bay County

Specific locality East Bay

Dates: Survey began 16Jan46 Completed 18Jan46

Photography 18May45, Supplemented by ground surveys to 18Jan46

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 GEODETIC SURVEY

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

Contours
Approximate contours by Planetable Interval _____ ft.
Form lines Multiplex

REMARKS:

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET REGISTRY NO. 6281

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

DATE OF FIELD WORK: 16Jan46 - 18Jan46

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: Aids to navigation were located by three or more planetable cuts or by a sextant fix. The fix for the location of East Bay Buoy No. 16 is recorded in Field Observation Record, Vol. ~~5~~, page 3.

MAJOR TOPOGRAPHIC CHANGES: There were no major topographic changes in the area covered by this sheet. Shoreline was field inspected and inked on photos 3044 and 3045.

LANDMARKS, GEOGRAPHIC NAMES, COAST PILOT CORRECTIONS, RECOVERY OF HORIZONTAL CONTROL, TOPOGRAPHIC CHANGES ON PLANIMETRIC MAPS, FIELD INSPECTION OF PHOTOGRAPHS, and DISCREPANCIES IN PUBLISHED BRIDGE DATE 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 aids to navigation will be charted and checked by the nautical chart compiler. No further review by the Hydrographic Survey Section is necessary.

R.H. Carstens 5/2/46

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

U.S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES
MAY 16 1935
REG. NO.
A.C. 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. C

REGISTER NO. ⁶²⁸¹ T6281

State Florida

General locality East Bay

Locality Belliste to Farmdale ¹⁷
~~Island~~

Scale 1:10,000 Date of survey January, 1935

Vessel Field Party No. 5

Chief of party Lieut. Wm. D. Patterson

Surveyed by V. A. Bishop

Inked by C. 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:

DESCRIPTIVE REPORT

To Accompany

TOPOGRAPHIC SHEET (Field Letter "C")

EAST BAY IN VICINITY OF FARMDALE

FLORIDA

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

DATE OF
INSTRUCTIONS:

Director's Instructions as of November 30, 1934.

GENERAL DESCRIPTION
OF SHORE:

The entire north shore as covered by this sheet is low and sandy except a small area just to the east of Allanton where it is marsh. The land just back of the sandy shore is covered with scattered pine and palmetto. The south shore is also of a sandy nature like that of the north except areas around the bayous where it is low and marshy. These low places are covered at high water. Farmdale Bayou was run in by a traverse with no check at the upper end (where bridge crosses bayou).

CHARACTER
OF CONTROL:

All control stations were established by triangulation executed by Lieut. Wm. D. Patterson in 1934-35 and computed on the North American 1927 Datum. All of the above control stations, except Station BIRD, were previously established by the U. S. Engineers Department by triangulation run by them. Their positions were not used. Numerous other stations were established by planetable to complete hydrographic control. All former Engineers stations located by planetable method were described on form 524.

DESCRIPTION
OF SURVEY:

The usual survey methods were used on the entire sheet. Signals for hydrographic purposes were cut in. Three or four cuts intersecting at a point were usually all that was required to establish them. The topography along Farmdale Bayou was run in by a traverse with no check at the bridge.

CHARACTER
OF MARSH:

The marsh land is covered with a heavy growth of grass and rush. In most places this is covered at high water, extending as much as 1 foot over the the ground. Considerable trouble was experienced at times to locate the highwater in such places. Differences vary as much as 20 meters.

TOWNS:

Name:	Post Office:	School:	Provisions and gasoline:	Remarks:
Allanton,	Yes	Yes	Yes	Settlement
Farmdale	Yes	Yes	Yes	Settlement
Bellisle	No	No	No	Summer Colony

There is a turpentine distillation plant at Farmdale.

A large lumber mill was in operation at Allanton a few years ago. It is not in operation at present.

CHANNEL
MARKERS:

All beacons are slatted day beacons, cross slating on top of piling:

Beacon No.	Latitude	Longitude
2	30° 01' 1057.0	85° 27' 607.0
55	30 01 928.0	85 28 758.0
4	30 01 1438.0	85 28 1352.0

LANDMARKS
FOR CHARTS:

There is only one landmark for charts on this sheet. It is an old windmill near Bellisle (Hydro name RAN). It is the only windmill in this vicinity and cannot be confused with other objects. A topographic description together with location was made on form 524.

NEW PLACE
NAMES:

Farmdale Bayou is the only new place name on the sheet. It was not named on old charts.

DISCREPANCIES:

A comparison of planetable survey and air photo survey (shown in pencil) show a discrepancy in Farmdale Bayou. As this was run in by a traverse and was not checked the air-photo location of shore line should replace the planetable position. Other irregularities of shore line between the two surveys are usually in marshy lands where there was a problem of finding the shore line. The topographer believes the planetable position should be used in these places.

Air Photo for Farmdale Bayou accepted. Signals changed on Hydro.

CHANGES OF
SHORE LINE:

Little change of shore line was found. There are numerous small marshy places washed out a few meters but no large change in shore line was found.

STATISTICS:

Sheet "C", Scale 1:10,000.	
Area in square statute miles	6.5
Statute miles of shore line	15.5

Respectfully submitted,

Victor A. Bishop
Victor A. Bishop,
Surveyor.

Approved and forwarded;

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

GEOGRAPHIC NAMES
FLORIDA

Date May 21, 1935

Survey No. T 6281

Chart No. 184

Diagram No. 184

Approved by the Division of Geographic Names, Department of Interior. *

Referred to the Division of Geographic Names, Department of Interior. R

Under investigation. Q

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
	<u>East Bay</u> ✓	Same			
	<u>Bellisland</u> ✓	"			
	<u>Fermdale</u> ✓	"			
	<u>Maddox Fermdale Bayou</u> ✓		Same	(G.N. Standard)	
	<u>Allanton</u> ✓	Same			
			✓ Davis Pt	(G.N. Standard)	
			✓ Murray Pt	(G.N. Standard)	
			✓ Baker Pt	(" ")	
			✓ Baker Bayou	(" ")	
			✓ Strange Pt	(" ")	
			✓ Strange Bayou	" "	
			✓ Blind Alligator Bayou	" "	
			✓ Little Oyster Bay Pt	(" ")	
Names Approved 9/5/35 K.T. Adams					

REVIEW OF GRAPHIC CONTROL SURVEY T-6281 , SCALE 10,000 ,

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5516, 5515 , , 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-5516 , 5515 , , 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-5516 & T-5515 - ADR 2/15-16/35

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.A. Carstens 5/3/46