

Graphic Center

6280

Additional work

U. S. COAST & GEODETIC SURVEY	
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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. B
Hydrographic }

LOCALITY

East Bay
River Sandy Creek
Wetappo Creek to Atlantic
Creek

1935

CHIEF OF PARTY

Wm. D. Patterson

6280

Graphic Center
Additional work

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

Additional work
Graphic Control

T6280

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. 6280

Field No.

Scale 1:10,000

State Fla. General locality Bay County

Specific locality East Bay

Dates: Survey began 17Jan46 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 I.I. Saperstein Office work by I.I. Saperstein

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

TOPOGRAPHIC TITLE SHEET

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

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

REMARKS:

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET REGISTRY NO. 6280

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

DATE OF FIELD WORK: 17Jan46 - 23Jan46

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: Aids to navigation were located by three or more planetable cuts.

MAJOR TOPOGRAPHIC CHANGES: There are no major topographic changes. Shoreline was inked on photos 3172 thru 3175 and 3187 thru 3189.

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

Irving J. Saperstein
Irving J. Saperstein, Engr. Aid
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

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

REG-NO.

TOPOGRAPHIC TITLE SHEET

Acc. No.

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. B. *6280*

REGISTER NO. **T6280**

State..... Florida

General locality..... East Bay

Locality..... ~~Wetappo Creek~~ *Sandy Creek* to ~~the~~ *Creek*

Scale..... 1:10,000 Date of survey..... Feb., 19.35.

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, 19.34

Remarks:

DESCRIPTIVE REPORT

To Accompany

TOPOGRAPHIC SHEET (Field Letter "B")

EAST BAY

WETAPPO CREEK TO ALLANTON

FLORIDA

1935

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

DATE OF
INSTRUCTIONS:

Director's Instructions as of November 30, 1934.

GENERAL
DESCRIPTION:

The shore line along the bay proper is of a sandy nature, overgrown with palmetto and scattered pine except in a few places where there is marsh. All shore line along the bayous, creeks, and rivers and immediate shore line at the entrance to these streams is very low and marshy. This marshy land is covered with tall grass and rush, and in numerous places extends back as far as 500 meters from the shore line. This marsh is usually covered at high water.

CHARACTER
OF CONTROL:

All control stations on this sheet were established by Lieut. Wm. D. Patterson in 1934, except U.S.E. 1, U.S.E. 3, R.O.W. 84 and R.O.W. 85, 1934, which were established by Lieut. Anderson. All geographic positions were computed on N. A. 1927 datum. Numerous other topographic stations were established, including all Engineer's marked stations except U.S.E.-12 which was partially destroyed. A list of these stations, described on Form's 524 are under separate report.

DESCRIPTION
OF SURVEY METHODS:

The usual survey methods were used on this sheet. A traverse was run up Harrison Bayou with no check at north end. A planetable traverse was also run up Bull Bayou and Station FATE (d) for control station was established. All other parts of the sheet had sufficient control.

NEW
PLACE NAMES:

Sheet	Chart Name	Local Name
'B'	Harrison Bayou	Sandy Creek
'B'	Sand River	Horse Shoe Bayou
'B'	Not Named	Bull Bayou

It is recommended that the local names replace the charted names.

CHANGES OF
SHORE LINE:

The marsh land as described under heading "General Description" is continuously undergoing changes. At one particular spot a signal had been set 15 meters inside the marsh line. After a storm this signal was on the shore line. The sandy shore is not changing.

COMPARISON WITH
FORMER SURVEYS:

The shore line compares quite favorably with previous surveys, except that part around Wetappo River. The end of the river at the canal entrance dips more to the southward than to the eastward as shown on chart No. 184.

DAY BEACONS:

There are numerous slatted day beacons marking the channel to Wetappo River and canal. A list of which is submitted with this report.

Day Beacons 3

Bn. #	Sheet	Latitude		" in meters	Longitude		" in meters
		o	'		o	'	
1 (War)	A	30	01	1468	85	23	1048
3 (Row)	B			1815			1142
5 (Hit)	B		02	2960			1216
7 (Fog)	B			447			1241
9 (End)	B			677			1320
11 (Did)	B			728			1379
15 (Cat)	B			903	24		307
17 (Bam)	B			1000			582
19 (Ail)	B			1092			849
21 (Yen)	B			1184			1114
23 (We)	B			1272			1370
25 (Zoo)	B			1364	25		24
27 (Von)	B			1457			303
29 (Ulm)	B			1548			566
31 (---)	B			1645			844
33 (---)	B			1732			1100
35 (---)	B			1755			1243
37 (Why)	B			1681			1359
39 (Kit)	B			1447			1593
41 (My)	B			1220	26		210
43 (Niv)	B			973			455
45 (Of)	B			736			686
47 (Pip)	B			500			917
49 (Que)	B			217			1044
51 (Rum)	B		01	1787			1166
53 (Sin)	B			1513			1287

STATISTICS:

Scale of Sheet "B", 1:10,000

Area in square statute miles	7.0
Statute miles of shore line	29.0

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.

Additional Notes by Chief of Party

Topographic Sheet "B"

After this sheet was inked it was loaned to the photo-
 compilation party of Lieut. (j.g.) M. H. Reese for comparison.
 Where discrepancies were found between the topo sheet and the
 photo-plot, the shore line as determined by the photo-plot is
 indicated in pencil on the topographic sheet. These discrepancies
 are chiefly due to the difficulty of any two observers selecting
 the high water line in marshy areas within several meters of each
 other, and due to changes in shore line by storm action as stated
 before. In Harrison Bayou (Sandy Creek) the topographer ran a
 traverse up the bayou without check at the north end. A gain of
 about 10 meters in distance is noted here. It is recommended ✓
 that the air-photo plot be accepted in Harrison Bayou (Sandy Creek)
 and the shore line as shown by topography be accepted in all other
 places except where the topographer failed to obtain detail at the
 entrances of small creeks and bayous. The topographer failed to
 show a small wharf on the east side of Wetappo Creek, north of
 Topographic Signal OAK, also the ruins of a wharf at Triangulation
 Station CHIM. It is recommended that these be obtained from the
 photo-plot.

check
 H-5780

Wetappo is an abandoned post office on the east side of
 the entrance to Harrison Bayou (Sandy Creek). It now consists
 of two or three houses and a school.

Respectfully submitted,

Wm. D. Patterson

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

REVIEW OF GRAPHIC CONTROL SURVEY T-6280, SCALE 1:10,000

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5503, *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-5503, *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. Goshen 8/5/35

T- 5515 *ADR*

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

R.H. Carstens 5/7/46