

6307a
6307b

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES
JUN 17 1935
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Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic } Graphic Control
Hydrographic } Sheet No. A. & B.

State Florida
LOCALITY
~~Gulf Coast~~
St. Vincent Sound
Upper Part & Indian Lagoon

1935

CHIEF OF PARTY

C. A. Egner,

6307a
6307b

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

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JUN 17 1935
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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. A

REGISTER NO. **6307a**

State FLORIDA

General locality ~~FRANKLIN COUNTY~~ St. Vincent Sound (Large)

Locality Upper Part
INDIAN PASS -- ST. VINCENT SOUND

Scale 1/10,000 Date of survey FEB. & MARCH, 1935

Vessel FIELD PARTY #23

Chief of party C. A. EGNER

Surveyed by S. E. GREICUS

Inked by S. E. GREICUS

Heights in feet above -- to ground to tops of trees

Contour, Approximate contour, Form line interval -- feet

Instructions dated NOVEMBER 30, 1934

Remarks: THIS SHEET FOR HYDROGRAPHIC AND TOPOGRAPHIC

CONTROL ONLY.

FIELD: A
PROJECT: F. P. 76 (H-194)
PARTY: NO. 23
YEAR: 1935
STATE: FLORIDA
GENERAL LOCALITY: FRANKLIN COUNTY
LOCALITY: INDIAN PASS -- ST VINCENT SOUND
ADJOINS SHEETS: B
SHEET ON REVERSE SIDE: B
SCALE: 1/10,000
DATUM: N. A. 1927
CHIEF OF PARTY: C. A. EGNER
TOPOGRAPHER: S. E. GREICUS
DATE OF INSTRUCTIONS: NOVEMBER 30, 1934
INKED BY: S. E. GREICUS

INSTRUMENTS USED:

The usual plane table equipment.

METHODS:

Stations were located by intersection of cuts taken at triangulation stations, three point fixes, and cuts and stadia readings. Shoreline was obtained by stadia method.

PURPOSE OF SURVEY:

To provide control for hydrography, to establish recoverable stations for future surveys, to tie down aerial photography for charting the locality, and to revise existing surveys.

MARKING OF STATIONS:

The triangulation stations and reference marks were marked with standard discs with name and date stamped upon them and set in 12"x 12" concrete monuments with about 4" protruding above ground. Recoverable topographic stations were marked with $\frac{1}{4}$ " brass rod set in 12"x 12" concrete monuments of which 4" protruded above ground; except station RAB which was marked with an unstamped triangulation disc set in concrete monument projecting 2' 6" above ground.

LANDMARKS:

See attached Form No. 567. East and West Tanks, located on Indian Peninsula are the only ones appearing on this sheet.

RECOVERABLE STATIONS:

See MARKING OF STATIONS. Triangulation and topographic stations are located approximately 1 mile apart along shoreline.

GEOGRAPHIC NAMES:

The present charted names have been used as these are the accepted local names.

VERTICAL CONTROL:

None.

MAGNETIC MERIDIAN:

Taken at triangulation station RAGGED PT. " March 2, 1935.

METHOD OF TRANSFER OF SIGNALS TO HYDROGRAPHIC SHEET:

Recoverable stations by d.m. and d. p. Not recoverable by tracing.

CHANGES SINCE PREVIOUS SURVEYS:

Insufficient shore line was surveyed to make any accurate determination of the changes.

Respectfully submitted,

S. E. Greicus

S. E. Greicus, Observer

Approved and forwarded,

C. A. Egner

C. A. Egner, Lieut.,
Chief of Party #23.

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

SHEET "A"

Apalachicola, Fla.

May 23, 1935

DIRECTOR, U.S. COAST AND GEODETIC SURVEY:

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted:

C. A. Eger
C. A. Eger

Chief of Party.

DESCRIPTION	POSITION					METHOD OF DETERMINATION	CHARTS AFFECTED	
	LATITUDE			LONGITUDE				DATUM
	°	'	D.M. METERS	°	'			
E. Tank 1935	29	40	1589.3 (258.0)	85	14	1296.9 (316.6)	N. A. 1927	183
W. Tank 1935	29	40	1608.5 (238.8)	85	14	1422.1 (191.4)	N. A. 1927	183
<p>○ ○ TANKS (CENTRAL OF FOUR) charted on 866 from descriptions cards 2162 + 2192 W.A.B. 6/24/46</p>								

A list of objects carefully selected because of their value as landmarks as determined from seaward, together with individual descriptions, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report.

The selection, determination, and description of these points are an important factor in the value of the chart. Landmarks selected at appropriate intervals can be clearly charted. However, when none is outstanding, a group of two or three objects may by their interrelationship provide positive identification. A group so selected should be indicated.

The description of each object should be short, but such as will clearly identify it; for example, a standpipe, elevated tank, gas tank, church spire, tall stack, red chimney, radio mast, etc. Assign numerals to landmarks to indicate: (1) Offshore, (2) inshore, (3) harbor, 1, 2, 3 would be a mark useful on all charts. Generally, flagstaves and like objects are not sufficiently permanent to chart.

S H E E T "A"

STATION	LATITUDE		LONGITUDE		DESCRIPTION
	°	' D.M.Meters	°	' D.M.Meters	
GAT S.Side Indian Pen- insula	29	- 40 (641.0)	85	- 14 (750.0)	1/4" copper rod imbedded in a 12" x 12"x 30" conc. post showing 4" inches above ground.
"BIL" S.Side St.Vincent Island	29	- 40 (782.0)	85	- 12 (170.0)	1/4" copper rod in 12"x 12"x 30" concrete post protruding 4" above ground.
"HI" North shore St. Vincent Island	29	- 40 (311.0)	85	- 12 (717.0)	1/4" copper rod in 12"x 12" x 30" concrete post showing 4" above ground.
"RAB" North shore St. Vincent Island	29	- 40 (60.0)	85	- 11 (711.0)	Standard unstamped U.S.C.& G.S. triangulation mark put in in 1914 in concrete monument 2' 6" above ground.
"IT" North bank St. Vincent Sound	29	- 41 (635.0)	85	- 12 (1485.0)	1/4" copper rod in 12"x 12"x 30" concrete post 4" above ground.
"IG" North bank Indian Lagoon	29	- 41 (787.0)	85	- 14 (565.0)	1/4" copper rod in 12" x 12" x 30" concrete post showing 4" above ground.
"SAP" East bank Indian Passage	29	- 40 (496.0)	85	- 13 (1073.0)	1/4" copper rod in 12"x 12"x 30" concrete post 4" above ground

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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. B.

REGISTER NO.

6307 b

State FLORIDA

General locality ~~FRANKLIN COUNTY~~ *St. Vincent Sound*

Locality ~~ST VINCENT SOUND~~ *Upper Part of Lag* ^{*Indian*}

Scale *1/10,000* Date of survey *MARCH*, 19^{*35*}

Vessel FIELD PARTY NO. 23

Chief of party C. A. EGNER

Surveyed by S. E. GREICUS

Inked by S. E. GREICUS

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated NOVEMBER 30, 19³⁴

Remarks: THIS SHEET FOR HYDROGRAPHIC AND TOPOGRAPHIC
CONTROL ONLY.

FIELD: B
PROJECT: F. P. 76 (H-194)
PARTY: NO. 23
YEAR: 1935
STATE: FLORIDA
GENERAL LOCALITY: FRANKLIN COUNTY
LOCALITY: ST. VINCENT SOUND
ADJOINS SHEETS: A, C
SHEET ON REVERSE SIDE: A
SCALE: 1/10,000
DATUM: N. A. 1927
CHIEF OF PARTY: C. A. EGNER
TOPOGRAPHER: S. E. GREICUS
DATE OF INSTRUCTIONS: NOVEMBER 30, 1934
INKED BY: S. E. GREICUS

INSTRUMENTS USED:

The usual plane table equipment.

METHODS:

Stations were located by intersection of cuts taken at triangulation stations, three point fixes, and cuts and stadia readings. Shore line was obtained by stadia method.

PURPOSE OF SURVEY:

To provide control for hydrography, to establish recoverable stations for future surveys, to tie down aerial photography for charting the locality, and to revise existing surveys.

MARKING OF STATIONS:

Triangulation stations and reference marks were marked with standard discs with name and date stamped upon them and set in 12" x 12" concrete monuments with about 4" protruding above ground. Recoverable topographic stations were marked with $\frac{1}{4}$ " brass rods set in 12" x 12" concrete monuments of which 4" protrudes above ground.

LANDMARKS:

None worthy of the name.

GEOGRAPHIC NAMES:

The present charted names have been used as these are the accepted local names.

VERTICAL CONTROL:

None.

MAGNETIC MERIDIAN:

Taken at triangulation station OYSTER 11
March 2, 1935.

METHOD OF TRANSFER OF SIGNALS TO HYDROGRAPHIC SHEET:

Recoverable stations by d. m. and d. p.
Not recoverable by tracing.

CHANGES SINCE PREVIOUS SURVEYS:

In general throughout St. Vincent Sound it has been found that both shores have washed, but the northern shore to a greater extent than the southern. This was easily determined as practically all the old triangulation stations have been washed away.

Respectfully submitted,
S. E. Greicus
S. E. Greicus, Observer

Approved and forwarded,
C. A. Eger
C. A. Eger, Chief of Party

S H E E T "B"

STATION	LATITUDE ° ' D.M.Meters	LONGITUDE ° ' D.M.Meters	DESCRIPTION
"ROZY North bank St. Vincent Sound	417.0 29-42 (1430.0)	1136.0 85-10 (477.0)	$\frac{1}{4}$ " copper rod in 12"x 12"x 30" concrete post showing 4" above ground.
"ACH" North bank St. Vincent Sound	1181.0 29-42 (666.0)	844 85-08 (799.0)	$\frac{1}{4}$ " copper rod in 12"x 12" x 30" concrete post showing 4" above ground.
"BAY" Big bayou St. Vincent Sound	1347.0 29-40 (500.0)	500.0 85-09 (1113.0)	$\frac{1}{4}$ " copper rod in 12"x 12"x 30" concrete post showing 4" above ground.

REVIEW OF GRAPHIC CONTROL SURVEY T- 6307^{2nd}, SCALE 1:10,000

Date of Review 8-12-35

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5506, 5508, 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-5506, 5508, 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-5506

H. L. Keel Jr

8-12-35

T-5508 VDR 8/23/35

Frank G. Evans