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U. S. COAST & GEODETIC SURVEY
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Additional work
Graphic Control

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. I

State Florida

LOCALITY

~~Gulf Coast~~

St. George Sound

Carrabelle to Cap Island

193 5

CHIEF OF PARTY

C. A. Egner.

U. S. GOVERNMENT PRINTING OFFICE: 1934

Additions in 1945

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET REGISTRY NO. 6312

PROJECT: Ph-1(45) DATE OF INSTRUCTIONS: 7 Dec. 45; 28 Dec. 45

DATE OF FIELD WORK: 5 - 18 Dec. 45

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 fixed non-permanent aids to navigation have been located graphically by planetable methods and are shown on the sheet.

All floating aids on the sheet were located by sextant fixes except for Buoy No. 4, which was located by planetable cuts.

The record of all buoy locations is in Volume No. 1, pages 4 to 8, and Volume No. 3, page 25, of Field Observation Record books.

Carrabelle Channel Entrance Range was checked after the front and rear range was located by occupying a point with the planetable on range and near Carrabelle Lighthouse.

MAJOR TOPOGRAPHIC CHANGES: The shore line of this sheet was visually spot field inspected on planimetric maps T-5510 and T-5514 at control stations visited during the field work. No major topographic changes were found in the area covered by this sheet.

No aerial photographs were available for this sheet.

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) Carrabelle-Port St. Joe Area.

DISCREPANCIES IN PUBLISHED DESCRIPTIONS OF AIDS TO NAVIGATION have been reported by letter to the Director in accordance with instructions.

Submitted by

Robert R. Kim
Robert R. Kim, Photo. Aid
Topographer

Approved and forwarded.

Edmund L. Jones
Edmund L. Jones
Chief of Party

Additions in 1945

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

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. J

REGISTER NO. 6312

State FLORIDA

General locality ~~FRANKLIN COUNTY~~ St. George Sound

Locality ~~ST. GEORGE SOUND~~ Carrabelle to Gap Island

Scale 1/20,000 Date of survey FEBRUARY, 1935

Vessel X FIELD PARTY #23

Chief of party C. A. EGNER

Surveyed by G. R. DIETZ

Inked by G. FORTUNE

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

Contour, Approximate contour, Form line interval --- feet

Instructions dated X NOVEMBER 30, 1934

Remarks: THIS SHEET FOR HYDROGRAPHIC AND TOPOGRAPHIC

CONTROL ONLY.

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FIELD: J
PROJECT: F. P. 76 (H-194)
PARTY: NO. 28
YEAR: 1935
STATE: FLORIDA
GENERAL LOCALITY: FRANKLIN COUNTY
LOCALITY: ST. GEORGE SOUND
ADJOINS SHEETS: K, L, I
SHEET ON REVERSE SIDE: NONE
SCALE: 1/20,000
DATUM: N. A. 1927
CHIEF OF PARTY: C. A. EGNER
TOPOGRAPHER: G. R. DIETZ
DATE OF INSTRUCTIONS: NOVEMBER 30, 1934
INKED BY: G. FORTUNE
INKED PROJECTION VERIFIED BY: G. R. DIETZ

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:

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 brass screw set in 12"x 12" or 10" x 10" concrete monuments with 4" protruding and name of station written in the concrete. A few were marked otherwise and are specifically noted on topographic sheet.

LANDMARKS:

None worthy of the name appear on this sheet.

RECOVERABLE STATIONS:

See MARKING OF STATIONS: Triangulation and topographic stations are located approximately 3/4 mile apart along shoreline.

GEOGRAPHIC NAMES:

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

Source of "Marsh Island"?

VERTICAL CONTROL:

None.

MAGNETIC MERIDIAN:

Taken at triangulation station MARSH 1935 on February 28, 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:

Appreciable changes were found in shoreline throughout the entire sheet. In general the north shoreline is receding due to wind and wave action. Full reports on this will necessarily await completion of aerial survey mapping.

Respectfully submitted,

G. R. Dietz

G. R. Dietz, Observer

Approved and forwarded,

C. A. Egnor

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

LIST OF RECOVERABLE TOPOGRAPHIC

SIGNALS FOR SHEET J

NAME	LATITUDE		LONGITUDE		Datum	DESCRIPTION
	°	' D.M. Meters	D.P. Meters			
Al	29	46	910 911 (937) (936)	84 47	565 578 (1047) (1034)	N. A. Slats on 20" pine . 9 meters N. of H.W.L. Midway between Saint 1935 & Marshy Point.
EM Pid	29	47	371 384 ⁸ (1476) (1463)	84 45	1397 1407 (215) (204)	Slats nailed on 12" pine tree. .97 miles west of station RO Y- AL BLUFF.
Fin	29	45	1445 1469 (402) (378)	84 48	1268 1278 (344) (334)	Slats nailed to 6" pine tree on H. W. L. Approximately midway between MARSH & GREEN POINTS.
Pass	29	49	400 421 (---) ---	84 42	672 697 (943) (914)	SLATS nailed on 15" pine tree. Midway between Carrabelle L.H. and station IT 1935.
Tom	29	48	403 420 398 (1484) (1427)	84 44	268 286 (1344) (1325)	Slats nailed on dead pine tree. 250 meters E. of Pid and Tom's shack on Hy. 10.
Gin	29	43	20 06 (1827) (1841)	84 45	978 964 (635) (649)	Banner nailed to 20" pine tree 3m S.E. of H.W.L. Between sta- tions SANDY 1935 and ISLE 1935

*Figures in left hand column are positions of signals.
Figures in right hand column (with figures) are positions of marks.*

REVIEW OF GRAPHIC CONTROL SURVEY T-6312 , SCALE 1:20,000

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-~~5514~~ 5510, , 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-~~5514~~ 5510, , 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
8/19/35

F. G. Erskine

*T-5510 See Review T-5510 for discussion.
Described station on form 524 gave position of signal instead of
mark. Position to west with T-6311 & disagrees by maximum
of 20 meters. T-6311-b is correct.*

5/8/36 F. G. Erskine