

6250a  
6250b

Graphic Control Additional work

Diag'd. on Diag. Ch. No. 1265-2

Form 504  
Rev. Dec. 1933  
DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY  
R. S. PATTON, DIRECTOR

## DESCRIPTIVE REPORT

Topographic } Sheet No F (Front & Back)  
~~Hydrographic~~

State FLORIDA

### LOCALITY

Intracoastal Waterway

Santa Rosa Sound

1934-5

CHIEF OF PARTY

I. E. Rittenburg

U. S. GOVERNMENT PRINTING OFFICE: 1934

6250a 6250b.

Graphic Control Additional work

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

Additional work

Graphic Control

T6250a

b

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. T - 6250 a&b

Field No.

Scale 1-10,000

State Florida General locality Santa Rosa Sound

Specific locality West of the Narrows

Dates: Survey began 27 Feb. 1946 Completed 1 March 1946

Photography 18 May 1945, Supplemented by ground surveys to 1 March 1946

Project No. Ph-1 (45) Instructions dated 7Dec45; Sup. 1, 28Dec45; Sup. 2, 5Jan46; Sup. 3, 31Jan46.

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

Field work by B. Locke Office work by B. 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

DESCRIPTIVE REPORT TO ACCOMPANY  
TOPOGRAPHIC SHEET REGISTRY NO. T-6250a and b

PROJECT: Ph-1 (45)      DATE OF INSTRUCTIONS: 7 Dec.45;Sup.1,  
28 Dec.45;Sup.2,5 Jan.46;Sup.3,31 Jan.46.

DATE OF FIELD WORK: 27Feb. 46 to 1 Mar. 46.

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 aids to navigation were located from established shore stations and in one case a cut was taken on Santa Rosa Sound Light 123 and buoy 123 from Santa Rosa Sound Light 125 after it had been located.

MAJOR TOPOGRAPHIC CHANGES: Field inspection of shore line ~~made~~ for the area covered by these sheets was made on photos 45C3268 - 3273 and 2952 - 2959.

LANDMARKS, GEOGRAPHIC NAMES, COAST PILOT CORRECTIONS, RECOVERY OF HORIZONTAL CONTROL, MAJOR TOPOGRAPHIC CHANGES, HYDROGRAPHIC INFORMATION, 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) West Bay to Pensacola Bay Entrance.

DISCREPANCIES IN PUBLISHED DESCRIPTIONS OF AIDS TO NAVIGATION have been reported by letter to the Director in accordance with instructions. Copies of these discrepancies have been attached to the Special Report.

Submitted by

*Boynton Locke, Jr.*  
Boynton Locke, Jr.  
Topo. Engr.

Approved and forwarded

*Edmund L. Jones*  
Edmund L. Jones  
Chief of Party

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY  
LIBRARY AND ARCHIVE

REG. NO.

APR 16 1935

TOPOGRAPHIC TITLE SHEET

Sec. No.

GRAPHICAL CONTROL 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. ( front & back )

REGISTER NO.

62502  
62505

State Florida

General locality Intracoastal Waterway

Santa Rosa Sound

Locality Santa Rosa Sound

Range Pt. to Long. 80 57

Scale 1:10,000 Date of survey Dec. 1934, 19

Vessel Shore Party 15

Chief of party I. E. Rittenburg

Surveyed by A. O. Dority

Inked by A. O. Dority & I. E. Rittenburg

Heights in feet above \_\_\_\_\_ to ground to tops of trees

Contour, Approximate contour, Form line interval \_\_\_\_\_ feet

Instructions dated Nov. 30, 1934, 19

Remarks: \_\_\_\_\_

DESCRIPTIVE REPORT TO ACCOMPANY GRAPHICAL CONTROL SHEETS " F " ( front & back ) " G " ( front and back ), portion of Santa Rosa Sound, Florida.  
Project # H&T 196, 1935.

1 Authority

These sheets were made in accordance with instructions from the Director dated Nov. 30, 1934. Field work was done in Dec. 1934, and Jan. 1935.

2 Area Covered

These two sheets cover that portion of Santa Rosa Sound between Long. 87-05.3 and 86-47. Sheet G back joins with sheet H front.

3 METHODS, DATUM, CONTROL, ETC.

The basic control for these sheets was established by Lieut. J. G. M. H. Reese in 1934 and Lieut. Commr. Fred L. Peacock in 1930. A correction factor of minus 3.0 meters to all lats. and minus 7.0 meters to all longs. had to be applied to the computations of Lieut. Reese which were based on the field computations of Lieut. Anderson, 1934. Since the field work was completed Lieut. Reese has computed his triangulation on the final adjusted NA 1927 Datum. This correction factor was obtained by a comparison on station Cove 3, 1930. And was found to be correct. A factor of minus 13.2 meters in lat. and plus 8.7 meters in long had to be applied to the G.P's of Lieut. Commr. Peacock to place these positions on the final adjusted datum. This factor was also obtained from Cove 3 which was tied in by Lieut. Anderson in 1934. Therefore these sheets are on the final adjusted N.A. 1927 Datum. All topo signals were located by intersections from at least three triangulation or previously located stations. No triangles of error were encountered. No traverses for location were made. Signals were used on hydrographic sheets field numbers 4 & 5, 1934 & 1935 this party.

4 Landmarks for Charts, Coast Pilot Notes.

These reports have been already transmitted with hydro. sheets 4 & 5.

5 Recoverable stations

Form 524 has been filled out for each recoverable station and are attached hereto.

6 General

A few of the signals were not named. These will have to be supplied by the office as they were either not used by the hydro. party or were inadvertently omitted. As the hydro. sheets have been transmitted to your office these names could not be supplied in the field.

These sheets have been inspected and approved.

I. E. Rittenburg, Chief of Party C&GS.

REVIEW OF GRAPHIC CONTROL SURVEY T-6250a, SCALE 1:10,000

Date of Review 11/14/36

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5477, 5476, , 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-5477, 5476, , 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.

L. C. Landy

✓ B. G. Jones