

6251a
6251b

6251a 6251b

Form 504 Rev. Dec. 1933 DEPARTMENT OF COMMERCE U.S. COAST AND GEODETIC SURVEY R. S. PATTON, DIRECTOR	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. A (Front & Back)
State FLORIDA & ALABAMA	
LOCALITY	
Intracoastal Waterway	
a. Big Lagoon (East Part) & Vicinity	
b. Entrance Perdido Bay & Vicinity	
1934-5	
CHIEF OF PARTY	
I. E. Rittenburg	

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

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. 6251 a & b

Field No.

Scale 1-10,000

State Florida and Alabama General locality Intracoastal Waterway

Specific locality Eastern Part of Big Lagoon - Entrance to Perdido Bay

Dates: Survey began 15 March 1946 Completed 20 March 1946

Photography 18 May 1945 Supplemented by ground surveys to 20 March 1946

Project No. Ph-1 (45) Instructions dated 7 Dec 45; Sup. 1, 28 Dec 45; Sup. 2, 5 Jan 46; Sup. 3, 31 Jan 46.

Vessel } or Shore Party Chief of party Ross A. Gilmore

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 } Multiplier }
Form lines }

REMARKS

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

APR 16 1935

REG. NO.

Acc. No.

TOPOGRAPHIC TITLE SHEET

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. A (front & back)

REGISTER NO.

6251a
6251b

State Florida, Alabama

General locality Gulf Coast Intracoastal Waterway

Locality a. (East Part) & Vicinity
b. Entrance Perdido Bay & Vicinity

Scale 1:10,000 Date of survey Dec. to March, 19 34-5

Vessel Shore Party 15

Chief of party I. E. Rittenburg

Surveyed by A. O. Dority

Inked by A. O. Dority

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
TOPOGRAPHIC SHEET REGISTRY NO. 6251a&b

PROJECT: Ph-1 (45) DATE OF INSTRUCTIONS: 7Dec45; Sup. 1,
28Dec45; Sup. 2, 5Jan46; Sup. 3, 31Jan46.

DATE OF FIELD WORK: 15 March 1946 - 20 March 1946

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:

Pensacola - Mobile Buoys 5, 7 and ~~8~~¹¹ were located by three-point sextant fixes; all other aids to navigation were located by planetable from established triangulation and topographic stations ashore. Light 11 has only 2 planetable cuts and the position was checked by a sextant angle recorded in Field Observation Records, Vol. 11, page 1. All aids previously located by triangulation and shown on sheet 6251a were located and verified by planetable cuts on sheet "H" and 6321a, except Caucus Cut RR, 1934 - which was verified on this sheet.

MAJOR TOPOGRAPHIC CHANGES:

Photos 45C2928-29, 2933-66, 3284-85 covering this area were field inspected and the shoreline inked.

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 area for this project. The area of this sheet is covered in Special Report, Project Ph-1 (45), Pensacola Bay Entrance, Fla. to East End of Mississippi Sound, Ala. Area. *Chart water 238 (1946)*

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

Approved and forwarded.

Ross A. Gilmore
Ross A. Gilmore, Chief of Party

Borington Locke, Jr.
(Name & Title) *Topo. Eng.*

①

DESCRIPTIVE REPORT TO ACCOMPANY GRAPHICAL CONTROL SHEETS " A " & " B " front and back of each), PENSACOLA BAY ENTRANCE, FLA., TO LONG 87-35 W ALABAMA. PROJECT # H&T 196, 1934, 1935.

1 Authority

Instructions for these two sheets were issued on Nov. 30, 1934. Field work was done in Dec. 1934 and March 1935.

2 Area covered and junctions.

The area covered by these two sheets is the coast of the Gulf of Mexico from Pensacola Bay entrance to a point in Long 87-34, about 1 mile west of Perdido Bay entrance; the intracoastal waterway from Pensacola Bay entrance to Beacon 63 including Big Lagoon, Perdido Bay Southern part, Bayou St. John, Old River, and Bay La Launch. This sheet joins G.C.S. C front on the west and Topo sheet M front on the outside coast.

3 Control and Datum.

These two sheets are on the final adjusted N. A. 1927 Datum. The triangulation control for these sheets was furnished by the party of Lieut. J.G. M. H. Reese, 1934.

4 Methods.

Practically all topo signals were located by at least three intersecting cuts from triangulation or previously located topo stations. No triangles of error were encountered. The inside waterways were completed first. While locating these signals the fact that the outside coast might be done if time were available was kept in mind and points were left so that the signals necessary to control the outside hydrography could be cut in by intersections and not by traverse. When it was decided to complete the outside coast it was necessary to locate but one signal by traverse on these sheets. This signal, Cox, was located by a traverse from Gulf Beach and then run back to check the position. No error was found. Portions of the shoreline were rodged in at all setups. The inking of the inside waterways was completed before receipt of the circular letter relative to not inking the rodged points. The outside coast was inked as specified in the above mentioned circular letter. Shoreline in pencil was transferred from the sheets of the Air Photo reduction party of M.H. Reese.

5 Marks of U. S. Eng. & Grid.

Numerous marks of the U. S. Engineers were located and described on the cards, form 524. On sheet B, back, there is shown in light pencil a portion of the grid system used by the engineers in this area. The origin of the system is station W9. This along with several other U.S.E. stations was tied in by Lieut. J.G. Reese so that the azimuth from W 9 to W 10 was obtained and found to be 173 - 11 - 01.5. The Eng. assumed the co-ordinates of W 9 to be 20000 ft. in Lat and 20000 ft. in dep. For a detailed comparison of the positions of various stations and beacons obtained by this party and the Eng. see Desc. Report for Hydro. Sheet 10 submitted by this party.

H-5723

FGV

6 Landmarks for Charts, Coast Pilot Notes, Recoverable Stations.

The landmarks for charts and the Coast Pilot Notes have been already transmitted with hydro. sheets 1 & 3. Form 524 for each of the recoverable stations is attached hereto.

These sheets have been inspected and approved. Your attention is called to the areas shown as sand on sheet A between the H.W.L. and L.W.L. The topographer inked these to show the characteristic nature of the beaches but the outside limits have not been located.

I. E. Rittenburg, Lieut.,
Coast & Geodetic Survey
Chief of Party.

REVIEW OF GRAPHIC CONTROL SURVEY T-6251b, SCALE 1:10,000,

Date of Review 7/23/35-

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5494, 5495, ~~5490~~, 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-5494, 5495, ~~5490~~, 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-5494 - A.T. Ramms 8/2/35 compilation T-5494
 T-5495 - Frank G. Eukine 4/14/36

B.G. Jones

See Special Report in R.R. T-5494 in regard to outer coast line.

~~T-5490 - H.H. Schaefer 10/18/36~~

REVIEW OF GRAPHIC CONTROL SURVEY T- 62516, SCALE 1:10000,

Date of Review 10/15/36

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5490, , 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-5490, , 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. *None*

Notes and corrections resulting from the review are shown on this survey in green. *None*

minor differences in location of H.W. line around entrance to Pensacola Bay. These are due to sketching between used readings and to differences in time between this T-62516 and T-5490

T-5490 - H. H. Schleuter - 10/15/36.