

6253a  
6253b

6253a 6253b

Form 501  
Rev. Dec. 1933  
DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY  
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic } Sheet No. C (Front & Back)  
~~Hydrographic~~

State ALABAMA

LOCALITY

Intracoastal Waterway

a. Wolf Bay

b. Entrance Bon Secours River &  
Oyster Bay, etc.

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. 6253 a & b

Field No. \_\_\_\_\_

Scale 1-20,000

State Alabama General locality Intracoastal Waterway

Specific locality Wolf Bay - Bon Secour River - Oyster Bay

Dates: Survey began 26 March 1946 Completed 29 March 1946

Photography 18 May 1945 Supplemented by ground surveys to 29 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  
Party }

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 } Multiplex }  
Form lines }

REMARKS \_\_\_\_\_

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

U. S. COAST AND 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. ~~C. front and back~~ :

REGISTER NO. 6253a  
6253b

State Alabama

General locality ~~Gulf Coast~~ Intracoastal Waterway

Locality ~~a. Wolf Bay & Oyster Bay~~

b. Entrance Bon Secours River & Oyster Bay

Scale 1:10,000 Date of survey Dec., 1934 Jan., 1935

Vessel Shore Party 15

Chief of party I. E. Rittenburg

Surveyed by W. N. Martin

Inked by W. N. Martin

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. 6253a&b

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

DATE OF FIELD WORK: 26 March 1946 - 29 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: *work*

The field/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 by at least three plane-table cuts from established shore stations and the two resection stations, "SUE" and "RIP" on 6253b. Stations "SUE" and "RIP" are not recoverable stations.

MAJOR TOPOGRAPHIC CHANGES:

Shoreline and field inspection are inked on photos 45C2921-24, covering the area. There is a noticeable change at the east end of the dredged channel covered by the west edge of the sheet. Pensacola - Mobile Buoy 136 appears on shore according to the topographic sheet but actually the marsh has been cut away between Light 136 and Buoy 136 leaving the light on shore. ✓  
w.B.  
11/48

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), Pensacola Bay Entrance, Fla. to East End of Mississippi Sound, Ala. Area. *Chart letter 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.

Approved and forwarded.

*Ross A. Gilmore*  
Ross A. Gilmore  
Chief of Party

Submitted by

*Boynton Locke, Jr.*  
(Name & Title) *Tops. Eng.*

DESCRIPTIVE REPORT TO ACCOMPANY GRAPHICAL CONTROL SHEET # C front & back  
Wolf Bay and Oyster Bay, Alabama, project H&T # 196, 1934-5.

1 Authority

This sheet was done in accordance with instructions dated Nov. 30, 1934. Field work was done in Dec., 1934 and Jan., 1935.

2 Limits of sheet

Sheet C front is Wolf Bay, Ala., while sheet C back is Oyster Bay, Bon Secours River and the Eastern portion of Bon Secours Bay, the western limit of this project.

3 Control & Datum

The control for this sheet was established by the party of Lieut. J.G. M. H. Reese, 1934. This sheet is on the final adjusted N.A. 1927 Datum, *(Field Computations)*. The scale is 1:10,000.

4 Methods

All stations were located by cuts from triangulation stations, resections and three point fixes except for one traverse in Bon Secours Bay. This traverse was run from sta. Don to sta. Nod, north of the mouth of the Bon Secours River. All distances were chained with a 300 ft. tape. The traverse was checked by cuts to beacons 125 and 137 inclusive which had previously been located. Stations south of the mouth of the Bon Secours River were located by cuts from this traverse.

5 U. S. Eng. stations.

Numerous U. S. Eng. marks were recovered and located. These are all described on Form 524 and attached hereto.

6 Shoreline

Shoreline from the air photo reduction party of M. H. Reese was transferred to this sheet and left in pencil. This shoreline was checked at all setups and these rodded portions are shown on the sheet in ink.

7 U. S. Engineer's Grid System.

There has been projected on C front the grid system of the U. S. Eng. in this area. The origin was at W 9 which was located by Lieut. Reese's triangulation and the azimuth to W 10 was 173 - 11 - 01.5 as determined by triangulation. For a detailed comparison of the positions of the Eng stations as located by this party and the U. S. Eng. see desc. report for Hydro. ~~sheet 10~~, 1935 this party.

*H-5723 pgs. 14-2*

This sheet has been inspected and approved.

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

REVIEW OF GRAPHIC CONTROL SURVEY T-<sup>62539</sup><sup>b</sup>, SCALE 1:10000Date of Review 8-20-35

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-~~5496~~, <sup>5497</sup>, <sup>5528</sup>, with particular attention to the following details: <sup>5534</sup>, <sup>5495</sup>

- ✓ (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-~~5496~~, <sup>5497</sup>, <sup>5534</sup>, for a more complete discussion of any errors or discrepancies found. <sup>5528</sup>, <sup>5495</sup>

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-5496 - H. D. Reed Jr - 8-20-35

T-5497 - H. D. Reed Jr - 8-23-35

T-5534 - At 30-16 $\frac{1}{2}$ , 87-40 $\frac{1}{2}$  is an unmarked signal. This <sup>signal</sup> was not used in H. 5707. It is beyond the H.W.L. No object can be seen in the photo. It falls in a shallow mud flat area & was probably an omitted temporary signal.

Frank G. Eskine 2/19/36

T-5528 F. G. E. 4/3/36

T-5495 F. G. E. 4/16/36