

Graphic Control

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

DESCRIPTIVE REPORT

Topographic } Sheet No. E
~~Hydrographic~~

State FLORIDA

LOCALITY

Pensacola Bay

Pensacola to Warrington

1934-5

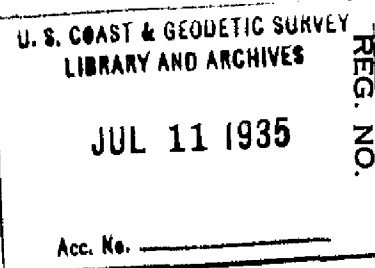
CHIEF OF PARTY

I. E. Rittenburg

U. S. GOVERNMENT PRINTING OFFICE: 1934

Graphic Control

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY



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. E

REGISTER NO. **6315**

State Florida

General locality Pensacola Bay¹⁵

Pensacola Warrington²²
Locality ~~Naval Air Station to Pensacola & Bayou Chico~~

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

Vessel Shore Party 15

Chief of party I. E. Rittenburg

Surveyed by A. O. Dority & R. S. Spaulding

Inked by A. O. Dority & R. S. Spaulding

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated November 30, 1934, 19 _____

Remarks: _____

Descriptive report to accompany Topographic Sheet E, Pensacola Bay.

Date of Instructions: Nov. 30, 1934. ✓

Limits: This sheet extends from the U.S. Naval Air Station, Lat. 30-20.6, Long. 87-16.1 on the S.W. to the L&N R.R. Dock in Pensacola ✓
Lat. 30-24.0, Long. 87-13.6, ✓
Hydro. signals were also located in Bayou Chico.(Insert).

a. General Description of Territory: The shoreline is in general sandy and low with a growth of pine trees in the background. The most prominent objects are the Tank, Stack, and Observation Tower at the Naval Air Station, Black Tank, Country Club, Tank, S. Shore Bayou Chico, Tank, Pen. Creosoting Co. Tank and six stacks, Newport Industries (Not shown on sheet) and the objects in Pensacola proper, described in report of sheet K Front. ✓

b. Landmarks for charting will be forwarded with hydrographic sheets of the area. ✓

c. Control: Control was furnished from triangulation established by Lt. Anderson in 1934 and by Lt. Reese in 1934. ✓

d. Short traverses were run in Bayou Chico which checked perfectly. ✓

e. Methods: Standard methods of surveying were used. In Pensacola Bay proper, signals were located by cuts before shoreline was rodded in. In the insert of Bayou Chico, the shoreline was first transposed from the air-photo sheet before field work was done. Signals were then located and the shoreline was checked by rodded distances, at setups. ✓ These rodded points in Bayou Chico are shown by ink dots connected by inked dashes. The shoreline of Pensacola Bay was rodded and inked with a solid line before the receipt of Field Memorandum No. 1.

i. No triangles of error were found. The sanded area outside of the H.W. Line does not represent the low water line. It was inked erroneously by the topographer to represent sandy beach, and it was not considered advisable to erase this, as other points might be lost. ✓

In Bayou Chico, a number of dolphins were located by the plane-table. The solid & inked lines shown here represent leaders to the dolphins. Two small islands shown as bare at M.H.W. on the air photo sheets are awash at $\frac{1}{2}$ tide and are noted on sheet. ✓

Sheet and records inspected and approved. ✓

I.E. Rittenburg,

Chief of Party.

REVIEW OF TOPOGRAPHIC SURVEY No. 6315 Field No. E.

Title (Par. 56) *Pensacola to Warrington, Pensacola Bay, Florida*Chief of Party *J. E. Rittenberg* Surveyed by *A. P. Dority*
R. S. Spaulding Inked by *A. P. Dority*
*R. S. Spaulding*Ship *Shore Party 15* Instructions dated *Nov. 30, 1934* Surveyed in *Dec. 1934, May 1935*

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.) ✓
2. The character and scope of the survey satisfy the instructions. ✓
3. The control and closures of traverses were adequate. (Par. 12, 29.) ✓
4. The amount of vertical control that the Manual specifies for -contours-formlines- was accomplished. (Par. 18, 19, 20, 21, 22, 23.)
No elevations were taken.
5. The delineation of -contours-formlines- is satisfactory. (Par. 49, 50.) *No contours are shown*
6. There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts. (Par. 28.) *None submitted.*
7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, 44.) ✓
8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.) *Some of the leader lines were confusing. An arrow head has been added to them to clearly indicate their nature.*
9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.) ✓
R/S
10. The span, draw and clearance of bridges are shown. (Par. 16c.) ✓
No bridges come within the limits of the sheet. see air photo compilations.
11. ~~Locations and elevations of summits are given. (Par. 19, 51.)~~
12. ~~The tree line was shown on mountains. (Par. 16g.)~~

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.

REVIEW OF TOPOGRAPHIC SURVEY NO. 5312

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.)
2. The character and scope of the survey satisfy the instructions.
3. The control and closures of traverses were adequate. (Par. 15, 20.)
4. The amount of vertical control that the Manual specifies for contouring was accomplished. (Par. 18, 19, 20, 21, 22, 23.)
5. The delineation of contours is satisfactory. (Par. 29.)
6. There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts. (Par. 28.)
7. High water line on water and mangrove coast is clear and adequate for chart compilation. (Par. 102, 43, 44.)
8. The representation of low water lines, reefs, coral reefs and rocks and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.)
9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 33, 38, 37.)
10. The open, draw and clearance of bridges are shown. (Par. 100.)
11. Coast line and other details are shown. (Par. 19, 21.)
12. The area north of 30°-23' is shown in greater detail on T5400, and the area south of 30°-23' by T-5490 and T5473. These a. r. compilations have not been reviewed at this date - May 14, 1936

C.K.B.

13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.) ✓
14. The descriptive report also contains additional information required in aero-topography relative to type of photographs, method of compilation and type of ground control.
15. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of DMs and DP's, 68.) ✓
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) ✓
17. The magnetic meridian was shown and ~~declination was checked.~~ (Par. 17, 52.) *but there is no evidence that the declination was checked* ✓
18. The geographic datum of the sheet is *North American 1927* and the reference station is correctly noted. (Par. 34.)
19. Junctions with contemporary surveys are adequate. *There are no joining plane table surveys but the entire area is embraced in air photo compilations*
20. Geographic names are shown on the sheet and are covered by the Descriptive report. (Par. 64, 66k.) ✓
21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50.) ✓
22. No additional surveying is recommended. ✓
23. The Chief of Party inspected and approved the sheet and the descriptive report. ~~after review by~~
24. Remarks: *The insert showing Bayou Chico is in the nature of a graphic control only.*

Reviewed in office by *R. J. Christman, May 4th 1936*

Examined and approved:

C. K. Green
Chief, Section of Field Records

J. M. L. Pearson
Chief, Section of Field Work

L. O. Lobbat
Chief, Division of Charts

J. M. de
Chief, Division of Hyd. and Top.

REVIEW OF GRAPHIC CONTROL SURVEY T- 6315 , SCALE 1:10,000 ,

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5440, ^{T-5488} , , 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-5470 , , , 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- 5440 - H. W. Schulten - 10/15/36

T 5488 ✓ Bgg. 10/26/36

✓ Bgg.