Additional work

Additional work

Diag'd on Diag. Ch. No. 1264 & 1265-2

Additional work

Additional work

Form 504
Rev. Dec. 1933

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, Director

DESCRIPTIVE REPORT

Topographic / ~~Hydrographic~~ } *Sheet No* H(front&back)
I(front&back)

State FLORIDA

LOCALITY

T-6316
H - Santa Rosa Sound
(Eastern End)

T-6317
I - Santa Rosa Sound & Choctawhatchee Bay
The Narrows & West End of Choctawhatchee Bay
1935

CHIEF OF PARTY

I. E. Rittenburg

U.S. GOVERNMENT PRINTING OFFICE: 1934

Form 537a

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.

Additional work T6316 a & b
Graphic Control

REGISTRY No. 6316 a&b

Field No. .....

Scale 1-10,000

State Florida General locality Santa Rosa Sound

Specific locality Eastern End (The Narrows)

Dates: Survey began 21 Feb. 1946 Completed 28 Feb. 1946

Photography 18 May 1945, Supplemented by ground surveys to 28 Feb. 1946

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

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

Field work by T. M. Thompson *Office* work by T. M. Thompson

Final inking by I. I. Saperstein

Ground elevations / Treetop elevations in feet above { M. H. W. / or / ..... }

Contours / Approximate contours / Form lines by { Planetable / Multiplex / ..... } Interval ..... ft.

REMARKS .....

U. S. GOVERNMENT PRINTING OFFICE 16—38129-1

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET REGISTRY NO. 6316 a & 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: 21 Feb. 1946 - 28 Feb. 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: All fixed aids to navigation on this sheet were located by three or more planetable cuts. All floating aids were located by three point sextant fixes together with a check angle or a single planetable cut or a combination of the two. The sextant fixes have been recorded in Volumn 13, Field Observation Record, pages 6 to 18.

MAJOR TOPOGRAPHIC CHANGES: The major topographic changes on this sheet, consisting of dredged spoil dumps, are covered by photographs C3250 - C3257.

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) Choctawhatchee Bay - 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

T.M. Thompson
T.M. Thompson
Topo.Engr.

Approved and forwarded

Edmund L. Jones
Edmund L. Jones,
Chief of Party

Form 537a

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

T6317a b

Additional work
Graphic Control

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. 6317 a&b

Field No. _____

Scale 1-10,000

State Florida General locality Choctawhatchee Bay, Santa Rosa Sound

Specific locality Eastern end of the Narrows, Choctawhatchee Bay Entrance

Dates: Survey began 17 Feb. 1946 Completed 21 Feb. 1946

Photography 18 May 1945, Supplemented by ground surveys to 21 Feb. 1946

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

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

Field work by T. M. Thompson Office work by T. M. Thompson

Final inking by I. I. Saperstein

Ground elevations / Treetop elevations in feet above { M. H. W. / or / _____ }

Contours / Approximate contours / Form lines by { Planetable / Multiplex / _____ } Interval _____ ft.

REMARKS _____

U. S. GOVERNMENT PRINTING OFFICE 16—38129-1

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET REGISTRY NO. 6317 a & 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: 17 Feb. 1946 - 21 Feb. 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: All aids to navigation on this sheet were located by three or more planetable cuts or a three point sextant fix with a check angle on a single planetable cut. The sextant fixes have been recorded in Volumn 13, Field Observation Records, page 11. The Choctawhatchee Bay entrance aids were cut in by establishing a system of graphic triangulation taking off from MORENO and CHOCTAWHATCHEE CHANNEL 1 BEACON, CHOCTAWHATCHEE CHANNEL 1 BEACON had previously been verified by plane table cuts.

MAJOR TOPOGRAPHIC CHANGES: The major topographic changes on this sheet, consisting of dredged spoil dumps are shown on photos C3242 - C3249 inclusive.

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) ~~Choctawhatchee Bay~~ West Bay - 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

T.M. Thompson
Topo. Engr.

Approved and forwarded

Edmund L. Jones
Chief of Party

Form 537a
Ed. Nov., 1929

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES
JUL 11 1935
Acc. No.
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.

6316a 6316b

Field No. H (front & Back)

REGISTER NO.

State Florida

General locality Santa Rosa Sound

Locality Eastern end

Scale 1:10000 Date of survey Feb. & Jan., 1935

Vessel Shore Party 15

Chief of party I. E. Rittenburg

Surveyed by A. O. Dority, front, and RS Spaulding, back side

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

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated Nov. 30, 1934, 19

Remarks:

Form 537a
Ed. Nov., 1929

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES
JUL 11 1935
Acc. No.
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.

6317a 6317b
Field No. I (front & back)

REGISTER NO.

State Florida

General locality Santa Rosa Sound & Choctawhatchee Bay,

Locality The Narrows and W~~Entrance~~est End of Choctawhatchee Bay

Scale 1:10,000 Date of survey Jan. & Feb., 19 35

Vessel Shore Party 15

Chief of party I. E. Rittenburg

Surveyed by R.S.Sapaulding, front side, H.S.Cole, back side.

Inked by H.S.Cole, R. S. Sapaulding.

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated Nov. 30, 1934, 19

Remarks:

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a70

DESCRIPTIVE REPORT TO ACCOMPANY GRAPHICAL CONTROL SHEETS FIELD LETTERS H & I (both front and back); SANTA ROSA SOUND AND WEST ENTRANCE OF CHOCTAWHATCHEE BAY, FLORIDA. PROJECT H & T # 196.

1 Authority
These surveys were made in accordance with instructions from the Director dated Nov. 30, 1934.Field work was done in Jan. & Feb., 1935.

2 Area Covered.
The area cover d by these sheets is that portion of Santa Rosa Sound eastward of Long. 86-47; The Narrows and the west end of Choctawhatchee Bay, Fla.to a line conecting station Garnier 2, 1934 and Cobb Pt. Bn. at Long 86-29. These sheets also includes East Pass.

3 Control & Datum.
The basic control was mainly established by Lieut. G.L. Anderson and Lieut j.g. M.H.Reese both in 1934, several stations from each of the 1910, 1930 and 1931 surveys. These sheets are on the ~~final adjusted~~ N.A. 1927 Datum. The necessary correction factors to the positions of the triangulation done prior to 1934 was obtained from the respetive positions of Beach 3, 1930 and Cutter, 1931. These sheets are on a scale of 1:10,000

4 Methods employed.
Standard topographic methods were employed throughout. All signals were located by at least three intersecting cuts from triangulation or other previously located signals. No triangles of error were encountered.

5 Discrepancies.
None. On sheet H front between station Narrows2 and Field 3 R.M. a maximum discrepancy of about 25 meters was found when this sheet was compared with the air photo reduction sheet of M.H.Reese. No cause for this could be found but it was known that the triangulation here was not enough as most of the stations were on the north shore of the Sound, and the position of Field 3 R.M. was computed from the data on hand. It was therefore decided to establish station Ritt, 1935 and relocate by triangulation station Field 3. While observing at Stations Narows 2, Field 3, Ritt, Beach 3, Cutter, & Lasater, theodelite cuts to as many of the topo. stations as could be seen were taken. This work showed the position of Field3 as plotted on the aluminum sheets in error about 5 meters in long. With these new triangulation stations and the cuts taken to the topographic signals, all signals in this area were corrected and replotted and all signals are now shown in their proper locations. No trouble was encountered anywhere elsa on these sheets.

6 Geographic names.
This subject has been fully covered by the reports of the party of M.H. Reese with the air photo compilations. As this party has nothing new to add on this subject, these are omitted.

7 Landmarks for charts and recoverable stations.
The landmarks for charts are attached hereto as a separate report. All the recoverable stations are described on forms 524 and transmitted herewith. Numerous marks of the USED were found and located and described.

These sheets have been examined and approved.

J C Pratt

M-189

REVIEW OF GRAPHIC CONTROL SURVEY T-6317[a], SCALE 1:10,000

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5500, 5502, 5499, 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-5500, 5502, 5499, 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.

⊙ Ref. Mark Stevens 2, 1910 was marked with a "0" on the sheet, but no card was submitted.

T. Goshen 8/26/35

5502 L. C. Lauds

5499 H. R. Tollon

M-189

REVIEW OF GRAPHIC CONTROL SURVEY T-6317-b, SCALE 1:10,000

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5500, 5502, , 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-5500, 5502, , 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 8/26/35

5502 L.C. Landy

M-189

REVIEW OF GRAPHIC CONTROL SURVEY T-6316a T-6316b, SCALE 1:10,000

Date of Review 12/2/36

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5479, 5499, , 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-5479, 5499, , for a more complete discussion of any errors or discrepancies found. Minor error in T-6316b in location of dock.

✓ 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.

Frank R. Tollon