Additional work

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

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

DESCRIPTIVE REPORT

Topographic Control Sheet No. H(front & back)

Hydrographic Sheet No. I(front & back)

State: FLORIDA

Locality:
T. 63 N.
H. - Santa Rosa Sound (Eastern End)

T. 64 N.
1. - Santa Rosa Sound & Choctawhatchee Bay
   The Narrows & West End of
   Choctawhatchee Bay
   1935

Chief of Party:
L. E. Rittenberg
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. 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 7 Dec 45; Sup. 1. 28 Dec 45; Sup. 2. 5 Jan 46; Sup. 3. 31 Jan 46.

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. L. Saperstein

Ground elevations in feet above M. H. W.
Treetop elevations or

Contours Approximate contours by Planetary Multiplex Interval ft.
Form lines

Remarks
DESCRIPTION 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.


PURPOSE: To locate on the sheet existing aids to navigation and make major topographic revisions where necessary in the original shoreline 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 Volume 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
Topo. Engr.

Approved and forwarded

Edmund L. Jones,
Chief of Party
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. 5317 3&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 Dec45; Sup. 1, 2Dec45; Sup. 2, 5 Jan46; Sup. 3, 3 Jan46.

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. J. Saperstein

Ground elevations Treetop elevations in feet above M. H. W. or

Contours Approximate contours by Planetable Multiplex Interval ft.
Form lines

Remarks

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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.


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 Volume 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 planetable 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 - 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

\[Signature\]

T.M. Thompson
Topo. Engr.

Approved and forwarded

\[Signature\]

Edmund L. Jones
Chief of Party
The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

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: L. E. Hittenburg

Surveyed by: A. O. Dority, front, and R. S. Spaulding, back side

Inked by: A. O. Dority, R. S. Spaulding

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval

Instructions dated: Nov 30, 1934

Remarks:
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. I. (front & back)

REGISTER NO.

State: Florida

General locality: Santa Rosa Sound & Choctawhatchee Bay

Locality: The Narrows and West Entrance of Choctawhatchee Bay

Scale: 1:10,000

Date of survey: Jan. & Feb., 1935

Vessel: Shore Party 15

Chief of party: J. E. Rittenburg

Surveyed by: R. S. Sapsaulding, front side, H. S. Cole, back side

Inked by: H. S. Cole, R. S. Sapsaulding

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval: feet

Instructions dated: Nov. 30, 1934

Remarks:
DESCRIBIVE 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 covered 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 connecting station Garnier 2, 1934 and Cobb Pt. Bn. at Long
86-29. These sheets also include East Pass.

3 Control & Datum.
The basic control was mainly established by Lieut. J.L. Anderson and Lieut
J.G. M.H. Reese both in 1934, several stations from each of the 1930, 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 respective 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 Narrows 2 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 Narrows 2, Field 3, Ritt,
Beach 3, Cutter, & Lecot, theodolite cuts to as many of the topo.
stations as could be seen were taken. This work showed the position of Field 3
as plotted on the aluminum sheets in error about 5 meters in length. With
these new triangulation stations and the cuts taken to the topographic
signalls, all signals in this area were corrected and replotted and all
signalls are now shown in their proper locations. No trouble was encountered
anywhere else 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 USCG were found and located and described.

These sheets have been examined and approved.

[Signature]
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.

[Handwritten notes: Ref Mark Stevens 2, 1910, marked with a 'O' on the sheet, but no card was submitted. 8/26/35.]

J. R. Jordan

5502 L. C. Ralch

5499 F. R. Tollo
REVIEW OF GRAPHIC CONTROL SURVEY T-6317, SCALE 1:10,000

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5503, 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. Gordon 8/36/35
   5502 E. C. Lands
REVIEW OF GRAPHIC CONTROL SURVEY 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.

[Signature]

Frank R. Jollon