

6794a&b
Additional work
Graphic Control

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

Form 504
Rev. April 1935
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Topographic } T-6794a
Sheet No. T-6794b
~~Hydrographic~~

U. S. COAST & GEODETIC SURVEY

LIBRARY AND ARCHIVES

MAY 19 1941

Acc. No.

State Florida

LOCALITY

Gulf Coast

Santa Rosa Island

1940

CHIEF OF PARTY

G. C. Mattidon

U. S. GOVERNMENT PRINTING OFFICE

6794a&b

Additional work

Graphic Control

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

T6794a

Additional work

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.

Graphic Control

Additional work

REGISTRY No. T - 6794 a

Field No. _____

Scale 1-20,000

State Florida

General locality Gulf Coast

Specific locality Santa Rosa Island

Dates: Survey began 3 March 1946 Completed 5 March 1946

Photography 18 May 1945, Supplemented by ground surveys to 5 March 1946

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

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

Field work by B. Locke Office work by B. 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 _____

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET REGISTRY NO. T-6794 a

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: 3 March 1946 to 5 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: All aids to navigation in the area covered by the sheet were located by at least three plane table cuts from existing shore triangulation stations and from stations "Col", "Cem", and "Har" located by three point resection fixes.

MAJOR TOPOGRAPHIC CHANGES: Field inspection of shore line was made on photographs 45 c 3274 - 3280 and 2946 - 2952.

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) West Bay to 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

Boynton Locke, Jr.
Boynton Locke, Jr.
Topo. Engr.

Approved and forwarded

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

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

T6794 a & b

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.

REGISTER NO. T-6794 a and b **Graphic Control**

State Florida

General locality Gulf Coast

Locality Santa Rosa Island

Scale 1:20,000 Date of survey April-May, 19 40

Vessel Ship HYDROGRAPHER (Launch FARIS)

Chief of party G. C. Mattison

Surveyed by E. B. Lewey

Inked by C. W. Clark

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated June 21, 1939, 19.....

Remarks:

DESCRIPTIVE REPORT

To Accompany

TOPOGRAPHIC SHEETS T-6794 a and T-6794 b

INSTRUCTIONS:

These surveys were executed in accordance with Directors Instructions for Project HT-236.

Instructions dated June 24, 1939.

Supplemental instructions dated July 1, 1939.

Supplemental instructions dated Oct. 13, 1939.

Supplemental instructions dated Jan. 31, 1940.

GENERAL DESCRIPTION OF COAST:

These surveys were executed primarily for location of signals for control of hydrography in the Gulf. The shore line was not surveyed. This area is covered by air photo compilations from photos made in 1934 and the coast is described adequately in the Coast Pilot.

LANDMARKS:

No new landmarks were located except for the U. S. Navy Bombing Target, on sheet #6794b, which may be used for navigation in Santa Rosa Sound only. There is another similar bombing target, which was not located, at about Lat. $30^{\circ}22'$, Long. $86^{\circ}58.8'$.

Two recently established beacons #57 and #58 in Santa Rosa Sound were located on sheet 6794b.

CONTROL:

Control was based on a scheme of second-order triangulation executed in 1934. Sufficient stations were recovered so that no new stations were required. Only those stations which were useful for the

work done are plotted on the sheets. Δ "Lakes" at Lat. $30^{\circ}19.4'$, Long. $87^{\circ}13.9'$ is lost and is not shown on the sheets.

SURVEY METHODS:

Standard topographic methods were used. Signals were located by stadia traverse supplemented by intersection and resection methods. All traverses closed within the allowable limits for the scale of sheet, and were adjusted in accordance with page 57 of the Topographic Manual.

COMPARISON WITH PREVIOUS SURVEYS:

Surveys of the shore line were not required by the instructions and none were made. The shore line shown on the sheets in pencil was transferred from Air Photo Compilation Sheets T-5473, T-5474, T-5475, T-5476, T-5477, and T-5489. No changes were made in the shore line as transferred from those sheets. Comparison of shore line was made by visual inspection only and no changes were noted.

The position of the Pier extending into the Gulf at Pensacola Beach was verified on sheet 6794a. After verification it was learned that this pier was to be torn down. On April 26, 1941 all the pier had been removed but the piles and they were to be removed in the near future. Tentative plans have been made to build another pier at about the same place. This information was obtained on the above date by telephone from the Pensacola Bridge Corp., operators of Pensacola Beach.

GEOGRAPHIC NAMES:

No new geographic names were used on the sheet.

Respectfully Submitted,

Charles W. Clark.

Charles W. Clark, Aid,
U. S. Coast & Geodetic Survey,

Forwarded:

W. M. Scaife.

W. M. Scaife,
Chief of Party,
Commanding HYDROGRAPHER

*Inspected.
no review necessary.
J.A. Mc Cormick
March 2, 1942.*

LIST OF SIGNALS

To Accompany

DESCRIPTIVE REPORT FOR SHEETS T-6794a and T-6794b

SHEET T-6794 a

TRIANGULATION STATIONS:

1. Chimney, square brick, 1934.
2. Deer point Light Bn., 1934
3. Entrance 3, 1934 Temporary wooden signal.
4. Fair Pt. Bn., 1934
5. Pensacola Bridge West Upright, 1934
6. Prince, 1934 Temporary wooden signal.
7. Range 3, 1934 Temporary wooden signal.
8. Sharp Point, 1910-1934 Temporary wooden signal.
9. Tank, Pensacola Beach, 1934
10. Tank, Quarantine, 1919-1934

All stations are on land except aids to navigation and "Pensacola B ridge West Upright."

TOPOGRAPHIC STATIONS:

- | | | |
|---------|-------------------------|-----------------|
| 1. Ace | Temporary wooden signal | Not recoverable |
| 2. Bin | Temporary wooden signal | Not recoverable |
| 3. Flat | Tree | Not recoverable |
| 4. Fog | Temporary wooden signal | Not recoverable |
| 5. Gal | Temporary wooden signal | Not recoverable |
| 6. Hon | Temporary wooden signal | Not recoverable |
| 7. Kal | Temporary wooden signal | Not recoverable |

SHEET T-6794a (continued)

TOPOGRAPHIC STATIONS: (continued)

8. Lar	Temporary wooden signal	Not recoverable
9. Noy	Temporary wooden signal	Not recoverable
10. Pod	Temporary wooden signal	Not recoverable
11. Ram	Temporary wooden signal	Not recoverable
12. Sab	Temporary wooden signal	Not recoverable
13. Way	Temporary wooden signal	Not recoverable
14. Wee	Temporary wooden signal	Not recoverable

All stations are on land.

LIST OF SIGNALS

To Accompany

SHEET T-6794b

TRIANGULATION STATIONS:

1. Agassiz 2, 1910-1934	Temporary wooden signal.
2. Block 2, 1934	
3. Red, 1919-1934	
4. Range 3, 1934	Temporary wooden signal.
5. Top, 1927-1934	Temporary wooden signal.

All stations are on land.

TOPOGRAPHIC STATIONS:

1. Bus	Temporary wooden signal	Not recoverable
2. Der	Temporary wooden signal	Not recoverable
3. Mob	Temporary wooden signal	Not recoverable
4. Nol	Temporary wooden signal	Not recoverable

SHEET T-6794 b (Continued)

TOPOGRAPHIC STATIONS: (continued)

5. Santa Rosa Sound Bn. 57	Beacon in water	Recoverable
6. Santa Rosa Sound Bn. 58	Beacon in water	Recoverable
7. Siz	Temporary wooden signal	Not recoverable
8. U. S. Navy Bombing Target	Piles in water	Recoverable

Remarks

Decisions

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GEOGRAPHIC NAMES

Survey No.

T6794^{a&b}

Graphic Control

Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
A,	B,	C,	D,	E,	F,	G,	H,	K,	
<u>Santa Rosa Island</u>									1
<u>Pensacola Beach</u>									2
									3
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Names underlined in red approved

by L. Heck on 8/29/41

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
~~PHOTO STAT OF~~

~~No. 1000~~

No. T **T6794** a&b

Graphic Control

received May 20, 1941
registered June 5, 1941
verified
reviewed
approved

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

ROUTE		Initial	Attention called to
20			
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RETURN TO

82	T. B. Reed
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✓ *TBR*