

6300

Graphic Control

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES
JUN 11 1933
Acc. No.

Additional work

Form 504
Ed. June, 1928

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

State: Florida

DESCRIPTIVE REPORT

Topographic }
~~Hydrographic~~ } Sheet No. "G"

LOCALITY

St. Andrew Bay

~~Vicinity of Panama City~~

Watson Bayou to Courtney Point

193 5

CHIEF OF PARTY

Wm. D. Patterson, Lieut.

Graphic Control

Additional work

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

Additional work
Graphic Control

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.

Graphic Control
REGISTRY No. T-6302
Field No. _____
Scale 1:10,000

T6302

State Florida General locality Bay County

Specific locality St. Andrews Bay

Dates: Survey began 22Jan46 Completed 28Jan46

Photography 18May45, Supplemented by ground surveys to 28Jan46

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

Vessel } or Field Party Chief of party Edmund L. Jones
Party }

Field work by J.C. Richbourg Office work by J.C. Richbourg
T.M. Thompson T.M. Thompson

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 _____

Registry No. T-8302

Scale 1:10,000

State Florida General locality Bay County

Specific locality St. Andrews Bay

Dates: Survey began 22Jan46 Completed 28Jan46

Photography 18May45; Supp. by ground surveys 28Jan46
7Dec45; Sup.1, 28Dec45; Sup. 2

Project Ph-1(43) Instructions dated: 5Jan46; Sup. 3, 31Jan46.

Field Party Chief of Party Edmund L. Jones

Field work by J.C. Richbourg Office work by J.C. Richbourg
T.M. Thompson T.M. Thompson

Final inking by I.I. Saperstein

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET REGISTRY NO. T-6302

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

DATE OF FIELD WORK: 22Jan46 to 28Jan46.

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: Aids were first located on this sheet by sextant cuts from shore stations. A combination of short orientation lines and lack of positive identification of control gave erroneous positions in protracting them in the field. Upon checking the plotting in the office it was decided to reject all sextant cuts on this sheet and re-locate them by planetable methods.

All aids to navigation covered by this sheet were located by three or more planetable cuts. The Army mooring buoy shown just east of Smack Bayou was located by 3 cuts which did not give a good intersection due to the scope of this buoy, but it is believed that the buoy is located within 8 meters of true location in accordance with instructions. The buoy, according to the Comdg. Officer of the Range Boat Squadron, Major Paul S. Beckett, Eglin Field, Florida, is of a temporary nature and will be removed as soon as the special purpose craft which is moored to it can be declared surplus property. In view of the temporary nature of this buoy it is recommended that it not be charted.

MAJOR TOPOGRAPHIC CHANGES: Major topographic changes were noted along the Panama City Waterfront. These changes are delineated on photos 3009 to 3016 and 3030 - 3031.

LANDMARKS, GEOGRAPHIC NAMES, COAST PLOT CORRECTIONS, RECOVERY OF HORIZONTAL CONTROL, TOPOGRAPHIC CHANGES ON PLANIMETRIC MAPS, 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), Port St. Joe - West Bay Area.

DISCREPANCIES IN PUBLISHED DESCRIPTIONS OF AIDS TO NAVIGATION have been reported by letter to the Director in accordance with instructions.

Submitted by:

T. M. Thompson by *Ed Jones*
Topo. Engr.

J. C. Richbourg
J. C. Richbourg
Hydro. Obs.

Approved and forwarded:

Edmund L. Jones
Edmund L. Jones
Chief of Party

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES
JUN 11 1935
REG. NO.
Acc. 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.

Field No. "G"

REGISTER NO. 6302

State Florida

General locality ~~Bay County~~ St. Andrew Bay

Locality ~~St. Andrew Bay, vicinity of Panama City~~ Watson Bayou to Courtney Point

Scale 1:10,000 Date of survey February, 1935

Vessel Field Party No. 5, Project HT-195

Chief of party Lieut. Wm. D. Patterson

Surveyed by Daniel S. Ling

Inked by Charles R. Smith

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated November 30, 1935

Remarks: This area has been flown for aerial photographs

DESCRIPTIVE REPORT

To Accompany

TOPOGRAPHIC SHEET "G" (Field Letter)

ST. ANDREW BAY, VICINITY OF PANAMA CITY, FLA.

1935

Project HT-195, Wm. D. Patterson, Chief of Party

INSTRUCTIONS:

This work was done under the Director's instructions dated November 30, 1934.

METHODS:

Standard Coast and Geodetic Survey planetable methods were used entirely in the survey of this sheet. No traversing was required except where used as a check on the planetable triangulation in running surveys up the bayous. Control for the survey was obtained from triangulation stations located with second order accuracy by Lieut. Wm. D. Patterson in 1934-35 at two mile intervals or less along the shore.

GENERAL

DESCRIPTION:

The shore line of this portion of St. Andrew Bay is practically all sandy beach, with some marsh in the bayous. The southern shore of this portion of the bay is all wooded, with a few houses showing. From Buena Vista Point to Town Point the shore line shows practically a continuous row of buildings, though they are in general, partly hidden by trees except at Panama City. This section includes the towns of Panama City and St. Andrew. The eastern shore of Watson Bay is built up with residences, ship yards, fish houses, etc., this is the town of Millville.

The most prominent landmark in this area is the Dixie Sherman Hotel, a large 8-story stuccoed structure of a pale pink color, looming very prominently above the surrounding one and two story buildings. The elevated water tanks at Panama City and at St. Andrew, both of which are painted aluminum, are other prominent landmarks. There are also several lighted beacons (described on Form 524) in this area.

As on previous sheets, shore line was rodded only surrounding waters to be sounded.

BRIDGES:

Watson Bayou is crossed by a fixed wooden bridge having a total length of 137.2 meters (450 ft.), a horizontal clearance of 9 meters (29.5 ft.), and a vertical clearance of 7-feet at high water.

* Massalena Bayou is crossed near the court house by a fixed wooden bridge having a total length of 154 meters (405.2 ft.), a horizontal clearance of 9.1 meters (30 ft.), and a vertical clearance of 7.5 feet at high water. Near its mouth this bayou is crossed by a wooden lift span having a total length, including approaches, of 119.4 meters (391.7 ft), a horizontal clearance of 9.75 meters (32 ft.), and a vertical clearance of 8 feet at high tide. ** Engrs. Bridge Book 1936, states that this is a Bascule Bridge.*

CHANGE OF COAST LINE:

In general there has been only slight changes in the shore line, except between Davis Point and Redfish Point where there has been some recession as indicated by washing out of triangulation stations and the bluffs.

GEOGRAPHIC NAMES:

The following new names are locally known and are recommended for use on the chart.

Massalena Bayou, the bayou at Panama City. *Massalena on official maps of Panama City*
Sheephead Bayou, and Fresh Water Bayou, respectively, for the two bayous east of Smack Bayou on the southern shore of the bay.

STATISTICS:

Scale of sheet	1:10,000
Area in square statute miles	12.0
Statute miles of shore line	22.5

Respectfully submitted,

Daniel S. Ling
Daniel S. Ling,
Surveyor.

Approved and forwarded;

Wm. D. Patterson
Wm. D. Patterson, Lieut.,
Chief of Field Party No. 5.

Additional Notes by Chief of Party

Topographic Sheet "G"

The shore line as determined by the photo-compilation party of Lieut. (j.g.) M.H. Reese was transferred to this sheet after it was completed and inked. It is noted that the topographer is in error in azimuth at the upper end of Watson Bayou where a traverse was run without check. It is recommended that the photo-plot be accepted in this area. The scaling of the position of Described Station RAT was done from the photo-plot position. The wharves southeastward of Palmetto Point also appear to be in error. When the smooth hydrographic sheet was plotted, difficulty was had in making the fixes agree with the wharves, but the error was thought to be in the fixes and they were pulled over slightly to agree. The photo-plot indicates the topography is in error here. In other places on the sheet, it is recommended that the high water lines as shown on the topographic sheet be given preference since it is believed that the rodman can make a better selection of high water line than can be determined from the photographs.

*See Review
T-5519*

Panama City has been extended to include the towns of St. Andrew, Millville and Bay Harbor, but separate post offices are in operation at each place. Complete information regarding these towns are included in the Coast Pilot Notes for the season.

Respectfully submitted,

Wm. D. Patterson.

Wm. D. Patterson, Lieut.,
Chief of Field Party No. 85.

REVIEW OF GRAPHIC CONTROL SURVEY T-6302 SCALE 1:10,000

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T- ~~5517~~, ⁵⁵²⁰, with particular attention to the following details: ⁵⁵¹⁹

- ✓(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- ~~5517~~, ⁵⁵²⁰, 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-5519

Positions of \odot Rat (a) and \odot Que (a)

changed due to radial phot.

See Review T-5519 in regard to

discrepancies.

Frank G. Enkine 8/25/36

T. Goshens

8/12/35

T.G. 8/22/35

Frank G. Enkine