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

State: Florida

DESCRPTIVE REPORT
Topographic

LOCALITY
St. Andrew Bay
Vicinity of Panama City
Watson Bayou to Courtney Point

1935

CHIEF OF PARTY
Wm. D. Patterson, Lt. Aust.
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

State Florida General locality Bay County

Specific locality St. Andrew's Bay

Dates: Survey began 22Jan46 Completed 28Jan46

Photography 18May45, Supplemented by ground surveys to 28Jan46

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

Vessel Party Field Party Chief of party Edmund L. Jones

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

Final inking by J.I.Saperstein

Ground elevations Treetop elevations

in feet above M. H. W. or

Contours Approximate contours by Planetary Multiplex Interval ft.

Form lines

Remarks


Registry No. T-6302

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 5Jan46; Sup. 3, 31Jan46.
Project Ph-1(45) Instructions dated: 5Jan46; Sup. 3, 31Jan46.

Field Party Chief of Party Edmund L. Jones
J.C. Richbourg J.C. Richbourg
Field work by H.M. Thompson Office work by H.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 prolonging them in the field. Upon checking the plotting in the office it was decided to reject all sextant cuts on this sheet and relocate 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. Becktell, 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 3018 and 3030 - 3031.

LANDMARKS, GEOGRAPHIC NAMES, COAST PILOT 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
Topo. Engr.

J. C. Richbourg
Hydro. Obs.

Approved and forwarded:

Edmund L. Jones
Chief of Party
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. .......... "G" ........

REGISTER NO. 6302

State. .......... Florida

General locality .......... County, St. Andrew Bay

Locality .......... Watson Bayou to Courtney Point

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

Vessel .......... Field Party No. 6, Project HT-185

Chief of party .......... Lieut. Wm. D. Patterson

Surveyed by .......... Daniel S. Ling

Inked by .......... Charles B. Smith

Heights in feet above 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

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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

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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 Bayou 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 6-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.

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.

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,
Surveyor.

Approved and forwarded;

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

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, Lieut.,
Chief of Field Party No. 5.
**GEOGRAPHIC NAMES**

**Date:** 18 June, 1935

**Survey No.: T6302**

**Chart No.: 184**

**Diagram No.: 184**

Approved by the Division of Geographic Names, Department of Interior.

Approved by the Division of Geographic Names, Department of Interior.

Referred to the Division of Geographic Names, Department of Interior.

Under investigation.

<table>
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<th>Status</th>
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<th>Name on Chart</th>
<th>New Names in local use</th>
<th>Names assigned by Field</th>
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**APPROVED NAMES**

Signed in red:

H. L. Flanagan
REVIEW OF GRAPHIC CONTROL SURVEY T-6302 SCALE 1/40,000

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:

   ✓ (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
   Postion of ○ Rat (a) and ○ Gue (a)
   Change due to partial fill
   See Review T-5579 in regard to
   corrections.

   T. Goodwin
   8/12/35

   T.S. 8/22/35
   Frank F. Enkleine

   Frank F. Enkleine