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

State: Florida

DESCRIPTIVE REPORT
Topographic Sheet No. X
Hydrographic

LOCALITY
St. Andrew Bay
West Bay Section

1935

CHIEF OF PARTY
Lieut. Wm. D. Patterson
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.

<table>
<thead>
<tr>
<th>Registry No.</th>
<th>T-6305</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No.</td>
<td></td>
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<tr>
<td>Scale</td>
<td>1:20,000</td>
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<table>
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<tr>
<th>State</th>
<th>Fla.</th>
<th>General locality</th>
<th>Bay County</th>
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<tbody>
<tr>
<td>Specific locality</td>
<td>West Bay</td>
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<table>
<thead>
<tr>
<th>Dates: Survey began</th>
<th>30Jan46</th>
<th>Completed</th>
<th>4Feb46</th>
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Photography: 18May45, Supplemented by ground surveys to 4Feb46.

<table>
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<tr>
<th>Project No.</th>
<th>Ph-1(45)</th>
<th>Instructions dated</th>
<th>7Dec45: Sup.1, 28Dec45: Sup.2, 5Jan46</th>
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</thead>
<tbody>
<tr>
<td>Vessel Party</td>
<td>or Shore Party</td>
<td>Chief of party</td>
<td>E. Locke</td>
</tr>
<tr>
<td>Field work by</td>
<td>E. Locke</td>
<td>Office work by</td>
<td>E. Locke</td>
</tr>
<tr>
<td>Final inking by</td>
<td>I. I. Saperstein</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Contours</th>
<th>Approximate contours</th>
<th>by</th>
<th>Planetable Multiplex</th>
<th>Interval</th>
<th>ft.</th>
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<tbody>
<tr>
<td>Form lines</td>
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</table>

Remarks
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODetic SURVEY

SPECIFIC TITLE SHEET

Each Topographic and Geodetic Control Sheet, and each Air Photographic Drawing should be accompanied by this form, completed so far as practicable, then forwarded to the Washington office.

SECRETARY CO. T-33005
PLAT CO.
SCOPE 1:20,000

State Florida General locality Bay county
Specific locality West Bay

Dates Survey begun 30Jan46 Completed 4Feb46
Photography 19Feb46, Supplemented by ground surveys to 4Feb46

Project No. D-1(46) Instructions dated 2Dec45; Sup. 1, 31Dec45; Sup. 2, 3Jan46
Vessel or Plane Party Chief of party E.L. Jones

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

Final checking by I.L. Groenstein

Ground elevations in feet
Treaty elevations in feet above

Contours Approximate contours by Multiples Interval 1/4 St.
DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET REGISTRY NO. T-6305

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

DATE OF FIELD WORK: 30 Jan. 46 to 4 Feb. 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 were located on this sheet by at least three planetable cuts from established shore triangulation or topographic stations except that in West Bay Creek three stations, Red, Bar, and Ree were determined by a rod distance and one check cut. These stations were used to get three cuts on West Bay BUoys 27 - 38.

MAJOR TOPOGRAPHIC CHANGES: There is change in the topography in West Bay Creek due to dredging operations and the construction of a bridge. These changes are covered by photos 2998 and 2999. Shoreline is inked also on photos 3000 and 3001 and 3003. - 3005 covering this area.

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:

Boynton Locke, Jr.
Topo. Engr.

Approved and forwarded:

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.

Field No. "5"

REGISTER NO. 6305

State: Florida

General locality: Bay County, St. Andrew Bay

Locality: West Bay Section, St. Andrew Bay

Scale: 1:20,000

Date of survey: March 19.35

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:

Instructions dated: November 30, 19.34

Remarks: This area has been flown for aerial photographs.

...
DESCRIPTIVE REPORT
To Accompany
TOPOGRAPHIC SHEET "K" (Field Letter).
WEST BAY SECTION OF ST. ANDREW BAY, FLORIDA.
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 plane-table methods were used entirely in the survey of this sheet. No traversing was required and all signals were located by intersecting cuts. Control for the survey was obtained from triangulation stations located with second-order accuracy by Lieut. Wm. D. Patterson in 1935 at about two mile intervals along the shore. Marked hydrographic stations, located by plane-table, were established midway between the triangulation stations.

GENERAL DESCRIPTION:
Nearly the entire shoreline of West Bay is wooded with a marshy area often up to 500 meters or more in width between the woodland and the bay. Part of this marshland is bordered by a very narrow sand beach, but a large portion of the shoreline is marshy to the waters edge. In general the marsh edge is well defined, but in a few places it merges gradually with the clear water, so it is hard to determine just what would be considered the edge of the marsh. Practically all of this marsh is covered by a half to a foot of water at high tide, the actual high water mark being practically indeterminate and often several hundred meters inside the marsh edge. The marsh is usually very soft and provides difficult and often impossible walking, with a person sinking 6-inches to 18-inches into the mud at every step. The shore line indicated is the marsh edge except where the beach is sandy when high water was rodded. The marsh in back of the sandy beach areas is of the same character as that described above.
In the area around signals NAG and LAT the bay is bounded by a large number of islands, some sandy, some marsh, with six inches to a foot of water between at low water. Only the shore-line of the outer islands was rodded with the plane-table, the more or less indefinite marsh edge shown in pencil being obtained from the photographic survey.

The area just north of Botheration Bayou consists of marshy islands, the area between them being covered at high water but showing up as sandy area at low water. Only the shore-line bordering West Bay was rodded by plane-table. The marsh edge and the high water line in this area are often hard to determine.

As on the other sheets in this area, the shore-line around the waters to be sounded was determined by plane-table methods.

Except at West Bay Creek, the shore-line of West Bay is entirely bare of houses other than one or two old shacks. The chart shows a settlement on Burnt Mill Creek called Murfes. There is no settlement here, only the buildings belonging to one small farm owned by people named Murfes. It is recommended this be removed from the chart.

The only landmark in this section is the fire-tower at the town of West Bay. This is a wooden tower with a square enclosed lookout on top. It is 90 feet high to the peak of the roof. Since the trees in this area are quite tall this lookout does not show up prominently from the bay and shows only from a portion of the western end of the bay.

Near the southern tip of West Bay a steel barge is sunk as a result of an explosion. This bares about 3-feet at high water.

On West Bay Creek is the small town of West Bay which has a few stores, post-office, school, turpentine still and a small pulp log mill.

Florida State Highway No. 10 crosses West Bay Creek on a narrow wooden trestle and steel beam bridge having a total length of 450 meters, the channel span having a horizontal clearance of 33 feet and a vertical clearance at high water of 7½ feet.

The line of proposed channel to be dredged through to Choctawhatchee Bay is indicated by a line of stakes with flags placed by the Army Engineers. These were all located but only the end ones inked on the sheet.

CHANGE OF
COAST LINE:

Some recession of shore-line is indicated along the southern shore of the western end of the bay and in one or two other short sections. This is indicated by washing away of the banks and stumps in the water. Apparently the recession has not been very great.
SHORELINE:

The shoreline as shown in pencil was transferred to the sheet by the photo-compilation party after the topographic sheet was inked. Discrepancies are usually due to the difficulty of estimating the location of the high water line in marshy areas.

GEOGRAPHIC NAMES:

New names for practically all the geographic features in this area are shown in pencil on the topographic sheet. These were obtained from old local residents but are probably not widely known as West Bay is comparatively little used by the boatmen of Panama City and vicinity, and the population is very sparse close to the shores of West Bay.

<table>
<thead>
<tr>
<th>Charted Name</th>
<th>Recommended Name</th>
<th>Source and Remarks</th>
</tr>
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<tbody>
<tr>
<td>West Bay Point</td>
<td>Shell Point</td>
<td>Well established local name from Indian shell mound. Charted name not used.</td>
</tr>
<tr>
<td>North Bay Point</td>
<td>West Bay Point</td>
<td>Well established local name. The charted name is not used by any local resident.</td>
</tr>
<tr>
<td>None</td>
<td>Johnson Bayou</td>
<td>Local name</td>
</tr>
<tr>
<td>Big Johnson Bayou</td>
<td></td>
<td>Local name</td>
</tr>
<tr>
<td>Long Point</td>
<td></td>
<td>Local name</td>
</tr>
<tr>
<td>Breakfast Point</td>
<td></td>
<td>Local name</td>
</tr>
<tr>
<td>Botheration Bayou</td>
<td></td>
<td>Local name</td>
</tr>
<tr>
<td>West Bay Creek</td>
<td>West Bay Creek</td>
<td>Name established</td>
</tr>
<tr>
<td>West Bay</td>
<td>Crooked Creek</td>
<td>Name established</td>
</tr>
<tr>
<td>None</td>
<td>Doil Bayou</td>
<td>Local name</td>
</tr>
<tr>
<td>None</td>
<td>Westham Point</td>
<td>Local name</td>
</tr>
<tr>
<td>None</td>
<td>Graze Point</td>
<td>Local name</td>
</tr>
<tr>
<td>Burnt Mill Creek</td>
<td>Burnt Mill Creek</td>
<td>Name established</td>
</tr>
<tr>
<td>Murfrec</td>
<td>None</td>
<td>No town here</td>
</tr>
<tr>
<td>None</td>
<td>Cedar Point</td>
<td>Local name</td>
</tr>
<tr>
<td>None</td>
<td>Warren Bayou</td>
<td>Local name</td>
</tr>
</tbody>
</table>

STATISTICS:

Scale 1:20,000
Area in square statute miles 46
Statute miles of shore line 44

Respectfully submitted,
Daniel S. Ling,
Surveyor.

Approved and forwarded;
Wm. D. Patterson, Lieut.,
Chief of Field Party No. 5.
<table>
<thead>
<tr>
<th>Status</th>
<th>Name on Survey</th>
<th>Name on Chart</th>
<th>New Names in local use</th>
<th>Names assigned by Field</th>
<th>Location</th>
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<td>West Bay Creek</td>
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<td></td>
<td>100</td>
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<td>100</td>
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<td></td>
<td>Wilsonham Point</td>
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<td>Johnson Bayou</td>
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<td>West Bay</td>
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<td></td>
<td>Breakfast Point</td>
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<td>100</td>
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<td>Long Point</td>
<td>&quot;</td>
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<tr>
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<td>North Bay Point (West Bay Point)</td>
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<td>Murfrees</td>
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</tbody>
</table>

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

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

Under investigation.
REVIEW OF TOPOGRAPHIC SURVEY NO. 6305 (1935) Field Letter "K"

Title (Par. 56) West Bay, St. Andrew Bay, Florida

Chief of Party H. P. Patterson Surveyed by D. E. King Inked by C. P. Smith

Ship Field Party No. 5 Instructions dated November 30, 1934 Surveyed in March, 1935

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.)

2. The character and scope of the survey satisfy the instructions. The instructions direct that this survey be classified as graphic control.

3. The control and closures of traverses were adequate. (Par. 12, 29.)

4. The amount of vertical control that the Manual specifies for contours and formlines was accomplished. (Par. 18, 19, 20, 21, 22, 23.)

5. The delineation of contours and formlines is satisfactory. (Par. 40, 50.)

6. There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts. (Par. 28.)

7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, 44.)

8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 35, 37, 38, 39, 40, 41.)

   Low water line not determined. No reef or rocks in this area.

9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)

   No rocks in this area.

10. The span, draw and clearance of bridges are shown. (Par. 16c.)

See page 2 of Descriptive Report.

11. Locations and elevations of summits are given. (Par. 19, 51.)

12. The tree line was shown on mountains. (Par. 16g.)

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.
RECEIVED & TRANSFERRED: 1923.

To: H. A. F. R.

From: T. H. J.

Date: June 15, 1923.

Subject: Information regarding the transfer of the above-named article from the U.S. Navy to the British Navy.

The article was received and transferred as per the instructions given.

Sincerely,

T. H. J.
13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.)

14. The descriptive report also contains additional information required in core-topography relative to type of photographs, method of compilation and type of ground control.

15. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of DMs and DPs, 68.)

16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.)

17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.)

18. The geographic datum of the sheet is North American 1927 and the reference station is correctly noted. (Par. 34.)

19. Junctions with contemporary surveys are adequate.

20. Geographic names are shown on the sheet and are covered by the Descriptive report. (Par. 64, 65k.)

21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 29, 40, 41, 42, 45, 46, 47, 48, 49, 50.)

22. No additional surveying is recommended.

23. The Chief of Party inspected and approved the sheet and the descriptive report after review by

24. Remarks:

Reviewed in office by G. L. Johnston

Examined and approved:

Fred. L. Peacock
Chief, Section of Field Records
Chief, Section of Field Work

E. R. Green
Chief, Division of Charts
Chief, Division of Hyd. and Top.