

6306

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U. S. COAST & GEODETIC SURVEY  
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JUN 11 1935

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**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. 1

LOCALITY

St. Andrew Bay

North Bay

193 5

CHIEF OF PARTY

Wm. D. Patterson

Graphic Control  
**Additional work**

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

Additional work  
Graphic Division

T6306

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. 6306

Field No. \_\_\_\_\_

Scale 1:20,000

State Fla. General locality Bay County

Specific locality North Bay

Dates: Survey began 24Jan46 Completed 28Jan46

Photography 18May45, Supplemented by ground surveys to 28Jan46

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

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

Field work by T.M.Thompson Office work by 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 \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY

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TOPOGRAPHIC TITLE SHEET  
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Contours \_\_\_\_\_ Planetable  
Approximate contours by \_\_\_\_\_ Multiplex Interval \_\_\_\_\_ ft.  
Form lines \_\_\_\_\_

REMARKS:

DESCRIPTIVE REPORT TO ACCOMPANY  
TOPOGRAPHIC SHEET REGISTRY NO. 6306

PROJECT: Ph-1(45) DATE OF INSTRUCTIONS: 7Dec45; Sup.1, 28Dec45; Sup2, 5Jan46

DATE OF FIELD WORK: 24Jan46 - 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: All aids to navigation were located by three or more planetable cuts.

MAJOR TOPOGRAPHIC CHANGES: The only major topo change was the construction of an approach at either end of a new concrete bridge under construction at Lynn Haven to Mill Point. These fills were rodded in and the ends of the bridge located by planetable. This bridge has been shown on the sheet by double dashed line since to date only the concrete piling have been driven. Bridge clearances could not be obtained as the center section had not been built.

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, Fla. Area.

DISCREPANCIES IN PUBLISHED DESCRIPTIONS OF AIDS TO NAVIGATION: There were no discrepancies in published descriptions of aids to navigation.

Submitted by

  
T.M. Thompson, Topo. Engr.  
Topographer

Approved and forwarded:

  
Edmund L. Jones  
Chief of Party

DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY

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

REGISTER NO. **6306**

State Florida

General locality St. Andrew Bay

Locality North Bay

Scale 1:20,000 Date of survey March, 1935

Vessel Field Party No. 5

Chief of party Lieut. Wm. D. Patterson

Surveyed by Victor A. Bishop

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, 1934

Remarks: \_\_\_\_\_

DESCRIPTIVE REPORT

To Accompany

TOPOGRAPHIC SHEET (Field Letter "L")

NORTH BAY (St. Andrew Bay)

FLORIDA

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

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DATE OF INSTRUCTIONS:

Director's Instructions as of November 30, 1934.

GENERAL DESCRIPTION  
OF SHORE:

The shore line as a whole (exclusive of bayous) is of a low sandy nature except for a stretch from Triangulation Station NORTH BAY PT.2-1935 to Triangulation Station NEWMAN 1935 and at the point around Triangulation Station NECK 1935 where it is low and considerable marsh exists. The bayous are all of a low marshy nature. The shore line is wooded with pine generally growing up to within a few meters of High Water Line.

As a rule the marsh is covered at high water, however, this is not true in all instances.

CHARACTER  
OF CONTROL:

All triangulation stations were established in 1935 by Lieut. Wm. D. Patterson and computed on the North American 1927 Datum except the following:-SOUTHPORT, LYNN, HODGE, ARM, DEER, and BAYHEAD. These were established and computed on above datum by Lieut. Anderson in 1934-1935. Numerous other stations were established by plane-table intersections to complete hydrographic control. A described station was established at intervals of approximately one mile. Descriptions of these were made on Form 524 and are under separate report.

DESCRIPTION  
OF SURVEY:

The standard plane-table methods were, in general, used throughout the entire area. Shore line was run in by stadia method. Signals were cut in by intersection lines from different set-ups. All the larger bayous were run in by traverse with no check at the upper ends.

CHARACTER  
OF MARSH:

The marsh land is covered with a heavy growth of grass and rush. In many places this is covered with high water extending as much as one foot above ground. Considerable trouble was experienced at times in the location of the high water line. The ground around Triangulation Station NECK-1935 is of a muddy nature. This point is completely covered at high water except for a few grass spots. At low water this shows up as a large mass of mud most of which is grassless.

BRIDGES:

North Bay Bridge extends across North Bay from Lynnhaven to a point one-half mile east of Mill Point. The bridge is wood built on piles. There is a lift span approximately 350 meters from the Lynnhaven end. The clearance of this span is 37 feet (lateral) and  $4\frac{1}{2}$  feet vertical at mean high water when closed.

LANDMARKS  
FOR CHARTS:

Have been submitted as a separate report.

AIDS TO NAVIGATION  
(BEACONS):

There is only one beacon on this sheet. Latitude  $30^{\circ} 15'$  133 m. Longitude  $85^{\circ} 40'$  1546 m. (Hydrographic name Lit). Beacon built on piles with house for acetylene plant for light. At present the light is not installed. The beacon is at present covered with white painted slats.

TOWNS AND  
SETTLEMENTS:

Name	School	Postoffice	Supplies Provisions	Remarks
Lynnhaven	Yes	Yes	Yes	A town of approximately <del>400</del> 400
Bayhead	Yes	Vacant	No	Summer Colony

Towns and  
Settlements, Con'td.:

Name	School	Postoffice	Supplies Provisions	Remarks
Southport	Yes	Yes	Yes	At present supplies wood for paper mill at Millville.
Hobbs Still	No	No	No	Turpentine settlement.
North Bay	No	No	Yes	Fishing camp.

GEOGRAPHIC NAMES:

<u>Charted Name</u>	<u>Recommended Name</u>	<u>Source and Remarks</u>
North Bay Point	West Bay Point	Local name well established. Charted name not used.
Robinson Bayou	Robinson Bayou	Name established
Goose Island	Goose Island	Name established
Goose Bayou	Goose Bayou	Name established
Upper Goose Bayou	Upper Goose Bayou	Name established
Alligator Bayou	Alligator Bayou	Name established
None	Little Oyster Bar Point	Local name
Newman Bayou	Newman Bayou	Name established
Large Bayou	Large Bayou	Name established
None	Haven Point	Local name
Sheepshead Bayou	Sheepshead Bayou	Name established
Fanning Bayou	Fanning Bayou	Name established
Southport	Southport	Name established
Mill Point	Mill Point	Name established
Lynnhaven	Lynnhaven	name established
None	North Bay (town)	Local name
None	North Bay Bridge	Local name
Anderson Bayou	Anderson Bayou	Name established
Beatty Bayou	Beatty Bayou	Name established
Gainer Bayou	Gainer Bayou	Name established
Hodge Bayou	Hodge Bayou	Name established
None	College Point	Local name
Mill Bayou	Mill Bayou	Name established
William Bayou	William Bayou	Name established
Deer Point	Deer Point	Name established
Burnt Point	Burnt Point	Name established
None	Hobbs Still	Local name
None	High Point	Local name
None	Cedar Creek	Local name
None	Bear Creek	Local name
None	George Bayou	Local name
Bayhead--	Bayhead	Name established

Official P.O.  
name is  
Lynn Haven  
H.L.F

No local name could be found for the bayou which empties one-half mile eastward of Deer Point.



INCOMPLETE  
SHORE LINE:

Shoreline shown in pencil on the topographic sheet was transferred by the air-photo compilation party.

Shoreline from Burnt Point and Deer Point northward up to Bayhead was not run by the plane-table. This should be supplied from the air-photos. Cedar Creek and the upper ends of Bear Creek and George Bayou should also be supplied by air-photo.

Some irregularities between air-photo and plane-table surveys will be noticed. These being chiefly in the bayous where there is considerable marsh. Difficulties in the marsh land surrounding the bayous in locating high water line at time of low water is chiefly responsible for these discrepancies. Numerous smaller bayous where the rodman could <sup>not</sup> easily ford were not run in by plane-table. These should be supplied by air-photos to make a complete survey.

STATISTICS:

Sheet "L" -	Scale	1:20,000
Shore line in statute miles		45.0
Area in square statute miles		15.0

Respectfully submitted,

*Victor A. Bishop*  
Victor A. Bishop,  
Surveyor

Approved and forwarded;

*Wm. D. Patterson*

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

Survey No. T6306GEOGRAPHIC NAMES  
FLORIDADate 18 June, 1935Chart No. 184Diagram No. 184

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

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

Under investigation. Q

W.A.B. 10/46  
CHT 569

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
✓	<u>Southport</u>	Same	Same		
✓	<u>Cedar Creek</u>	✓	"		100
✓	<u>Econfina A*</u> <u>Bear Creek</u>	✓ (decision 5/10/39)	"		100
✓	<u>Bayhead</u>		"		
✓	<u>George Bayou</u>	✓	"		100
✓	<u>Hobbs Still</u>	✓	"		100
✓	<u>High Point</u>	✓	"		100
✓	<u>Burnt Point</u>	Same			
✓	<u>Hodge Bayou</u>	Hodges Bayou	Hodge Bayou		
✓	<u>Gainer Bayou</u>	Gainers Bayou	Gainer Bayou		
✓	<u>Fanning Bayou</u>	Fannings Bayou	Fanning Bayou		
✓	<u>Sheephead Bayou</u>	Same			
✓	<u>Newman Bayou</u>	Newmans Bayou	Newman Bayou		
✓	<u>Alligator Bayou</u>	Same			
✓	<u>Haven Point</u>	✓	Same		100
✓	<u>North Bay</u>		"		
✓	<u>Mill Bayou</u>	Same			
✓	<u>North Bay Bridge</u>		Same		
✓	<u>College Point</u>	✓	"		100
✓	<u>Deer Point</u>	Same			
✓	<u>William Bayou</u>	Williams Bayou	William Bayou		
✓	<u>Mill Point</u>	Same			

APPROVED NAMES  
UNDERLINED IN RED  
H. L. Flemer

Survey No. T6306 Cont'dGEOGRAPHIC NAMES  
FLORIDADate. 18 June, 1935Chart No. 184Diagram No. 184

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

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

Under investigation. Q

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
	<u>Mill Bayou</u> (on first page)	Same			
✓	<u>Beatty Bayou</u>	"			
✓	<u>Anderson Bayou</u>	Andersons Bayou	Anderson Bayou		
	Lynnhaven	✓ <u>Lynn Haven</u>	Lynnhaven		
✓	<u>Large Bayou</u>	Same			
✓	<u>Little Oyster Bar Point</u>	✓	Same		100
✓	<u>Upper Goose Bayou</u>	Same			
✓	<u>Goose Bayou</u>	"			
✓	<u>Goose Island</u>	"			
✓	<u>Robinson Bayou</u>	Robinsons Bayou	Robinson Bayou		
✓	<u>North Bay Point</u> (West Bay Point) <i>USG-B Dec 1935</i>	North Bay Pont	West Bay Point		
✓	<u>North Bay</u>	Same			

APPROVED NAMES  
UNDERLINED IN RED

H. L. Flemer

REVIEW OF GRAPHIC CONTROL SURVEY T- 6306 , SCALE 1:20,000

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T- 5522, 5521, 5523 , 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- 5522, 5521, 5523 , for a more complete discussion of any errors or discrepancies found. Numerous errors exist in the ~~two~~ T-6306

*survey. For discussion see review of T-5522*

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 5522

*A. L. Reed Jr.  
F. G. Eskine*

8-10-35

T-5521, T-5523

*F. G. Eskine 7/15/36*

## REVIEW OF TOPOGRAPHIC SURVEY No. 6306 (1935) Field Letter "L"

Title (Par. 56) *North Bay, St. Andrew Bay, Florida*  
 Chief of Party *W.D. Patterson* Surveyed by *V.A. Bishop* Inked by *C.R. Smith*  
 Ship *Field Party No 5* Instructions dated *Nov. 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. *Instructions directed that sheet be called 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 lines was accomplished. (Par. 18, 19, 20, 21, 22, 23.)~~
5. ~~The delineation of contours and lines is satisfactory. (Par. 49, 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.) *None submitted*
7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, 44.)  
*For discussion of discrepancies with Air photo Compilation see descriptive report of T-5522*
8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.)  
*Practically no low water line shown. No rocks or reefs 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.)  
*is given on page 2 of the 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.

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 aero 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.) *Meridian shown but no evidence declinatoire was checked.*
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, 66k.) ✓
21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50.) ✓
22. No additional surveying is recommended. ✓  
*Area covered by air photo compilation, T-5522*
23. The Chief of Party inspected and approved the sheet and the descriptive report after review by ✓
24. Remarks: ~~*this sheet should have been designated as a graphic control sheet.*~~

Reviewed in office by

*R. L. Johnston**Feb. 20, 1936**Inspected by A. K. Shalant*

Examined and approved:

*B. H. Green*  
Chief, Section of Field Records*Fred. L. Peacock*  
Chief, Section of Field Work*L. O. Polbat*  
Chief, Division of Charts*Glude*  
Chief, Division of Hyd. and Top.