

6300

Form 504  
Rev. Dec. 1933

DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY  
R. S. PATTON, DIRECTOR

## DESCRIPTIVE REPORT

Topographic } Sheet No. H  
Hydrographic }

U. S. COAST & GEODETIC SURVEY  
LIBRARY AND ARCHIVES

MAY 28 1935

Acc. No. \_\_\_\_\_

State Louisiana

### LOCALITY

~~Wax Lake, Wax Lake Pass and part~~

~~of~~ Atchafalaya Bay.

Wax Lake & Vicinity

1934

CHIEF OF PARTY

Thos. B. Reed

U. S. GOVERNMENT PRINTING OFFICE: 1934

6300

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

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REG. 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. \_\_\_\_\_H\_\_\_\_\_

REGISTER NO. **6300**

State.....Louisiana.....

General locality.....Atchafalaya Bay.....

**Vicinity**

Locality.....Max Lake and ~~Max Lake Pass~~.....

Scale.....1:20,000..... Date of survey.....November....., 1934

Vessel.....Field Party No. 4.....

Chief of Party.....Thos. B. Lead.....

Surveyed by.....T. F. Squires.....

Inked by.....T. F. Squires.....

Heights in feet above.....to ground to tops of trees

Contour, Approximate contour, Form line interval.....feet

Instructions dated.....June 26....., 1934

Remarks:.....

DESCRIPTIVE REPORT  
to accompany

Topographic Sheet "H"

Wax Lake, Wax Lake Pass and part of Atchafalaya Bay

Field Party No. 4

Thos. B. Reed, Chief of Party

Project No. H. T. 156

DATE OF INSTRUCTIONS:

June 26, 1934.

DATE OF SURVEY:

November, 1934.

LIMITS:

The sheet includes all of the shore line of Wax Lake, Wax Lake Pass and the shores of the Atchafalaya Bay for about three miles to the east and three miles to the west of Wax Lake Pass. 32 stat. miles of shore line were surveyed on this sheet.

SURVEY METHODS:

All signals and set-up points around Wax Lake north of Hog Bayou were located by intersection or resection. A stadia traverse was run from Triangulation Station "Hog" to Triangulation Station "Stanley". A second stadia traverse was run from Triangulation Station "Stanley" to Hydrographic Signal "Rat". This signal was located by a cut from Station "Stanley", resecting off Belle Island Salt Works Chimney and by a cut from Triangulation Station "Dyson" on sheet G. A third stadia traverse was run from Hydrographic Signal "Cat" to Triangulation Station "Vandy". Station "Cat" was located by a cut from Station "Stanley" and by resection from previously located signals. *Low Water line shown on this sheet was sketched at estimated M.L.W.*

CLOSURES:

The traverse from "Hog" to "Stanley" closed about 2 meters short, the one from "Stanley" to "Rat" about 13 meters short and the one from "Cat" to "Vandy" about 14 meters long. The errors in all the traverses were adjusted.

CONTROL:

Control for this sheet consists of the following Triangulation Stations; Possum, 1933; Tow 1933; Hog, 1933; Belle Isle Salt Works Chimney, 1933; Stanley, 1933; and Vandy, 1933.

GENERAL DESCRIPTION:

The shores of Wax Lake, Wax Lake Pass, and the Atchafalaya Bay are marsh, for the most part covered with high grass from ten to fifteen feet high. There is a short section of shell beach and live oak trees at Station Possum and another just north of Stanley.

Just east of Belle Isle Point is Belle Isle, a thickly wooded hill about 75 feet high. Belle Isle Salt works chimney is located on the north east section of this island, it is a square brick chimney standing out above the trees from Atchafalaya Bay, but hidden by trees from many sections of Wax Lake and Wax Lake Pass.

Approved and forwarded,

*Thos. B. Reed*  
Thos. B. Reed  
Lieut. C. & G. Survey,  
Chief of Field Party No. 4

Respectfully submitted,

*J. F. Squires*  
T. F. Squires  
Surveyor C. & G. Survey,

Photostats of old survey sheets in this area are not on hand for comparison with previous surveys.

*JBR*

*Note: The small section of shore line in the vicinity of station CRO58 was added in for the purpose of control for the U.S. Engineers air photo topo sheets in this region. It was later found that the sheets of the U.S. Engineers contained too many discrepancies to be used. JBR.*

Date. June 3, 1935GEOGRAPHIC NAMES  
LOUISIANASurvey No. T6300Chart No. 1116 + 199Diagram No. 1116

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>Possum Bayou</u>	✓ <u>Possum Pt. Bayou</u>			
	<u>Wax Lake</u>	✓ Same			
	<u>Bayou Blue</u>	✓ -----			
	<u>Little Wax Bayou</u>	✓ Same			
	<u>Little Cameron Bayou</u>	✓ -----			
	<u>Towhead Bayou</u>	✓ -----			
	<u>Little Towhead Bayou</u>	✓ -----			
	<u>Leopard Bayou</u>	✓ -----			
	<u>Hog Bayou</u>	✓ -----			
	<u>Wax Lake Pass</u>	✓ Same			
	<u>Coal Boat Pass</u>	✓ <u>Coalboat Pass</u>			
	<u>Valgruen Bayou</u>	✓ -----			
	<u>Grass Island</u>	✓ -----			
	<u>Goat Island</u>	✓ -----			
	<u>Big Wax Bayou</u>	✓ Same			
	<u>Belle Island Point</u>	✓ -----			
	-----	✓ <u>Belle Isle</u> ✓			
	<u>Atchafelaya Bay</u>	✓ Same			
	<u>Andrews Bayou</u>	✓ -----			
	<u>H</u>	✓ <u>Negro Hammock</u>			
		✓ <u>New Pass</u>			
		✓ <u>Old Landing</u>			

APPROVED NAMES  
UNDERLINED IN RED  
H.L. Flemer.

## REVIEW OF TOPOGRAPHIC SURVEY No. 6300

Title (Par. 56) *Wax Lake and Vicinity, Louisiana*Chief of Party *T. B. Reed* Surveyed by *T. F. Squires* Inked by *T. F. Squires*Ship *Field Party #4* Instructions dated *June 26, 1934* Surveyed in *Nov. 1934*

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. ✓
3. The control and closures of traverses were adequate. (Par. 12, 29.) ✓
4. ~~The amount of vertical control that the Manual specifies for contours-formlines was accomplished. (Par. 18, 19, 20, 21, 22, 23.)~~
5. ~~The delineation of contours-formlines 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.) ✓
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.) ✓
9. ~~Reefs and~~ other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)

*See reverse side*

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

Paragraph 9

T639 (1855)

The small portion of T639 around Belle Isle Point; shown on the present survey T6300, is not in very good agreement. This marsh point has broken up somewhat as shown on the present survey.

T632 (1855)

Only a small portion of T632 at the entrance to New Pass is shown on present survey, T6300. The marsh point between New Pass and Wax Lake Pass has changed materially as shown on the present survey.

The major portion of T6300 is on original survey.

T6300 supersedes T632 and T639 in part.

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.) *None Submitted*
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.) *Declination checks value on chart  
No note of having checked declinatoire*
18. The geographic datum of the sheet is *N.A. 1927 (Adjusted)* and the reference station is correctly noted. (Par. 34.) ✓
19. Junctions with contemporary surveys are adequate.  
*Joins T 62996 (1934) on the SE. Joins T 6178 (1934) on the North  
Joins T 6325 (1935) on the West*
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. ✓
23. The Chief of Party inspected and approved the sheet and the descriptive report ~~after review by~~ ✓
24. Remarks:

Reviewed in office by

*Chas R. Bush* June 16, 1936.

Examined and approved:

*E. K. Green*  
Chief, Section of Field Records*Wm. L. Peacock*  
Chief, Section of Field Work*L. O. Colburn*  
Chief, Division of Charts*G. H. Hude*  
Chief, Division of Hyd. and Top.