DESCRIPTIVE REPORT

Topographic

Hydrographic

Sheet No. H

U.S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES
MAY 28 1935

State

Locality

Wax Lake, Wax Lake Pass and part
Atchafalaya Bay.
Wax Lake & Vicinity

1934

CHIEF OF PARTY

Thos. R. Reed

U.S. GOVERNMENT PRINTING OFFICE: 1934
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............. St. Charles Parish

Locality............. Vicinity

Scale............. 1:20,000

Date of survey............. May 28, 1935

Vessel............. Field Party No. A

Chief of Party............. Thos. B. Scales

Surveyed by............. T. E. Squires

Inked by............. T. E. Squires

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

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

Instructions dated............. June 26, 1935

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 statute 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 "Bat". This signal was located by a cut from Station
"Stanley", resecting on 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 "Bat" 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
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.
<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>
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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 24, 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. Rocks 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.) Nine 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 checked value on chart. No note of having checked declinometer.

18. The geographic datum of the sheet is N.A. 1827 (Adjusted) and the reference station is correctly noted. (Par. 34.)

19. Junctions with contemporary surveys are adequate. Joins T 6280 (1934) on the SE Joins T 6285 (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. A. Beck, June 16, 1936.

Examined and approved:

Chief, Section of Field Records
Chief, Division of Field Work
Chief, Division of Charts

Chief, Section of Field Work
Chief, Division of Hyd. and Top.