

6298

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Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic
Hydrographic

Sheet No. F

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

MAY 28 1935

Acc. No. _____

State Louisiana

LOCALITY

Atchafalaya River,

Morgan City and Vicinity

1934

CHIEF OF PARTY

Thos. B. Reed

U. S. GOVERNMENT PRINTING OFFICE: 1934

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
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MAY 28 1935

Acc. No. _____

REG. NO.

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form,
filled in as completely as possible, when the sheet is for-
warded to the Office.

Field No. P

REGISTER NO. **6298**

State Louisiana

General locality Atchafalaya River

Locality Morgan City and Vicinity

Scale 1:10,000 Date of survey September, 1934

Vessel Field Party No. 4.

Chief of Party Thos. B. Reed

Surveyed by H. W. Richards

Inked by H. W. Richards

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 "F"

Morgan City, Louisiana and Vicinity

Field Party No. 4

Thos. B. Reed, Chief of Party.

Project No. H. T. 156

DATE OF INSTRUCTIONS:

June 26, 1934.

DATE OF SURVEY:

September, 1934.

LIMITS:

The sheet includes both shores of Bayou Boeuf from 900 meters east of the junction of this bayou and Bayou Shaffer to the Atchafalaya River, both shores of the Atchafalaya River from 1,000 meters south of the junction of Bayou Boeuf and the river to Six Mile Lake on the north, to Flat Lake on the east, and to a point on the river 1.3 miles westward of Berwick Bay.

SURVEY METHODS:

This survey was made by the usual plane table methods, plane table traverses being run along the banks of the river. A traverse was measured with a 100 meter wire along a dirt road, northward from "U.S.P.B.M. 56" on the west bank of the river. Using the same method a traverse was run from Station "Morgan" to Station "Morgan City Peoples Ice and Storage Co. Tank". Orientation at Station "Morgan" was taken from Hydrographic Signal "Jo" which had previously been located by cuts and resection on Station "Morgan City Peoples Ice and Storage Co. Tank". A stadia traverse was run westward along the north bank of the river to a point 380 meters west of Hydrographic Signal "Ake". A second stadia traverse was run northward the extent of Stouts Pass. Due to the heavy growth of trees it was necessary to cross and recross this pass several times. This traverse was extended eastward to Flat Lake, the traverse being checked by back cuts on signals on both sides of this pass. A third stadia traverse was run southward from Station "Morgan City Peoples Ice and Storage Co. Tank" to a junction with sheet "D" on Bayou Boeuf. A traverse, measured with a 100 meter wire, was run southward from Station "U.S.P.B.M. 56" along a shell road to make a junction with sheet "G".

CLOSURES:

The traverse from "Morgan" to "Morgan City Peoples Ice and Storage Co. Tank" closed exact, the one from "U.S. P.B.M. 56" to the junction of sheet "G" was about 8 meters short, the one from "Morgan City Peoples Ice and Storage Co. Tank" to the junction of sheet "D" closed exact. The errors in all traverses were adjusted.

CONTROL:

Control for this sheet consists of the following Triangulation Stations: Morgan, 1931; Morgan City Peoples Ice and Storage Co. Tank, 1931; Berwick Catholic Church Cross, 1931; U.S.P.B. M. 56, 1931; Morgan City Municipal Tank, 1931; Morgan City Sacred Heart Church Lower Pole, 1931; and Morgan City Gulf Crushing Co. Steel Derrick, 1931.

GENERAL DESCRIPTION:

Morgan City lies on the east bank of the Atchafalaya River and is connected by a highway bridge with Berwick on the west bank. Approximately 500 meters south is the Southern Pacific Railroad bridge. It is a drawbridge with an opening 110 feet wide on each side of a center pier. The highway bridge is a fixed bridge with a horizontal clearance of 525 feet and a vertical clearance of 50 feet at maximum high water. There are numerous houses along the east bank of the river north of the railroad bridge to the entrance of Drews Pass. With the exception of the section between the two bridges, the houses along the west bank are not so numerous. There are few houses along the bank of Bayou Boeuf.

Drews Island is thickly wooded. The ground is low and swampy, and at times mostly covered with water. Rabbit Island and the south bank of Drews Pass are similar with the exception that the ground on Rabbit Island is a little higher. Berwick Island is an abandoned sugar plantation and the ground here is fairly high and well drained.

COMPARISON WITH PREVIOUS SURVEYS:

Copies of the old survey sheets in this locality are not available for making a comparison.

STATISTICS:

Statute miles of shore line 18.

Statute miles of roads and streets 4.

Respectfully submitted,

H. W. Richards

H. W. Richards,
Surveyor, C. & G. Survey.

Approved and Forwarded,

Thos. B. Reed

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

Survey No. T6298

Date. June 3, 1935

GEOGRAPHIC NAMES
LOUISIANA

Chart No. 1116

Diagram 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

[illegible]

REVIEW OF TOPOGRAPHIC SURVEY No. 6298

Title (Par. 56) *Morgan City and Vicinity, Louisiana*Chief of Party *T.B. Reed* Surveyed by *H.W. Richards* Inked by *H.W. Richards*Ship *Field Party #4* Instructions dated *June 26-1934* Surveyed in *Sept. 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.)
Not completely shown
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

T1824 (1888)

Only a small portion of this survey is comparable to the present survey (T6298). Around the waterfront of Berwick and Morgan City many changes have taken place. The waterfront has been filled in so that a good comparison could not be made. On the South side of the Bayou Boeuf the shore line on T1824 is in general the same as on the present survey, T6298. Where differences occur T6298 should be accepted.

T6298 supersedes T1824 in part.

Chart 199

The latest edition of this chart does not show Morgan City and Berwick waterfronts as filled in according as noted in the discussion under T1824 above.

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 IMs 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 agrees with value on chart*
18. The geographic datum of the sheet is *N.A. 1927 (Adjusted)* and the reference station is correctly noted. (Par. 34.) ✓
No note of having checked declinatoire
19. Junctions with contemporary surveys are adequate.
Joins T 6299a (1934) on the South.
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: *Survey not sufficiently in detail in Berwick and Morgan City*

Reviewed in office by *Chas. P. Bush Jr.* June 16, 1936.

Examined and approved:

E. F. Green
Chief, Section of Field Records

L. O. Dolbert
Chief, Division of Charts

Fred. L. Peacock
Chief, Section of Field Work

Stude
Chief, Division of Hyd. and Top.