

6299a  
6299b

6299a 6299b

Form 504 Rev. Dec. 1933	
DEPARTMENT OF COMMERCE U.S. COAST AND GEODETIC SURVEY R. S. PATTON, DIRECTOR	
DESCRIPTIVE REPORT	
Topographic <del>Hydrographic</del>	Sheet No. <u>G</u>
U. S. COAST & GEODETIC SURVEY LIBRARY AND ARCHIVES MAY 28 1935 Acc. No. _____	
State <u>Louisiana</u>	
LOCALITY	
<u>Atchafalaya River,</u>	
<u>Morgan City to Atchafalaya Bay</u>	
1934	
CHIEF OF PARTY	
<u>Thos. B. Reed</u>	

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY  
LIBRARY AND ARCHIVES

MAY 28 1935

REG. NO.

TOPOGRAPHIC TITLE SHEET

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

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. 6

REGISTER NO.

6299 a  
6299 b

State Louisiana

General locality Atchafalaya River

Locality Morgan City to Atchafalaya Bay

Scale 1:20,000 Date of survey Sept. to Dec., 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: Topography shown on both sides of sheet.

DESCRIPTIVE REPORT  
to accompany

Topographic Sheet "G"

Morgan City to Atchafalaya Bay Louisiana

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 to December, 1934.

LIMITS:

This sheet includes both shores of the Atchafalaya River from 1,000 meters south of the junction of Bayou Boeuf to the Atchafalaya Bay, and 7 miles of shore line of the bay to the westward of the mouth of the river and 3 miles of shore line to the east, 3.5 miles of the Intracoastal Canal west of the river, and Bayou Shaffer from 400 meters south of its junction with Bayou Boeuf to Sweet Bay Lake.

SURVEY METHODS:

This survey was made by the usual plane table methods, plane table traverse being run along the banks of the river, bayou, canal and the shore of the bay. A short traverse was measured with a 100 meter wire from Station "Wax" to a junction with sheet "F". A stadia traverse was run from Station "Idlewild" to Station "Wax". A stadia traverse was run from Station "Wax" to Station "Sword", the Bateman Lake section being a combination of plane table triangulation and stadia traverse. A stadia traverse was run from Hydrographic Signal "Jap" on sheet "F" to Station "Avoca Island Drainage Co. Brick Stack". A stadia traverse was run from Station "Avoca Island Drainage Co. Brick Stack" to Station "Sword". A stadia traverse was run from Station "Sword" to "Cut". Sextant angles were taken to Hydrographic Signals "Pep", "Die" and "Hec" from topographic set ups by the hydrographic party and plotted on this sheet. A stadia traverse was run from Station "Cut" to Station "Deer". A stadia traverse was run from Station "Deer" to Station "Plumb". Hydrographic Station "Laf" was located by cuts and resection on Station "Atchafalaya Channel 2". A stadia traverse was run from this signal to Station "Dyson". A stadia traverse was run from Station "Dyson" to a junction with sheet "H" at Hydrographic Signal "Rat".

CLOSURES:

The traverse from Station "Idlewild" to Station "Wax" closed about 16 meters short. The traverse from Station "Wax" to "Sword" closed 44 meters long. The traverse from Hydrographic Signal "Jap" to Station "Avoca Island Drainage Co. Brick Stack" closed exact. The traverse run from Station "Sword" to Station "Cut" closed about 30 meters long. The traverse from Station "Cut" to Station "Deer" closed about 20 meters short. The traverse run from Station "Deer" to Station "Plumb" closed about 2 meters long. The traverse from Hydrographic Signal "Laf" to Station "Dyson" closed exact. The traverse from Station "Dyson" to Hydrographic Signal "Rat" closed about 8 meters long. All closing errors were adjusted.

CONTROL:

Control for this sheet consists of the following Stations: Wax, 1931; Idlewild, 1931; Avoca Island Drainage Co. Brick Stack, 1931; Sword, 1933; Cut, 1933; Deer, 1933; Plumb, 1933; Dyson, 1933; Belle Isle Salt Works Stack, 1913; Atchafalaya River, 5, 1933; Atchafalaya Channel 2, 1933; and Atchafalaya Channel 7, 1933.

GENERAL DESCRIPTION:

The greatest part of this area consists of marsh, for the most part covered with high grass. A scattered growth of trees extends southward as far as Sweet Bay Lake. South of this there are very few trees. With the exception of a very few places the ground is very soft and at times is covered with water.

COMPARISON WITH PREVIOUS SURVEYS:

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

STATISTICS:

Statute miles of shore line 75.

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.

The plane table work on this sheet was executed with considerable difficulty due to the heavy growth of high vegetation extending to the waters edge along most of the shore line. The closing errors of some traverses are rather large but were as good as could be obtained under the circumstances. *Low water line shown on this sheet was sketched by the topographer at estimated M.L.W.*

*TBR*

Thos. B. Reed.

Date June 26, 1935

## GEOGRAPHIC NAMES

LOUISIANA

Survey No. T6299aChart No. 1116Diagram 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>Beers Island</u> ✓	-----			
	<u>Avoca Island</u> ✓	Same			
	<u>Bateman Lake</u> ✓	"			
	<u>Honey Island</u> ✓	-----			
	<u>Bateman Island</u> ✓	Rice Island			
	<u>Bayou Shaffer</u> ✓	Shaffer (Chart 199) Bayou Chever			
	<u>Sweet Bay Lake</u> ✓	Same		Sweetbay - USGB decision	
	<u>Sword Point</u> ✓	-----			
	<u>Lower</u>				
	<u>Atchafalaya River</u> ✓	Atchafalaya River			
	<u>Chicken Island Bayou</u> ✓	-----			
		✓ Sword Bayou (Chart 199)			
		✓ Towhead Bayou (Morgan City Quad)			
		✓ Bayou <sup>Perault</sup> <del>Robert</del> (Chart 199)			U.S.G.B. decision
		✓ Little Wax Bayou (Chart 199)			
		✓ Big Wax Bayou (Chart 199)			
		✓ Halfway Bayou (Chart 199)			
		✓ Honey Bayou (Chart 199)			
		<del>North Beach (Chart 199)</del> K.T.A.			
		✓ East Bend ( " " )			
		✓ Bayou Renchant (Morgan City Quad)			
		names approved 9/7/35 K.T. Adams			

Survey No. T6299b

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. 6229a

Title (Par. 56) *Morgan City to Atchafalaya Bay, 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.-Dec. 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.)  
*Errors in closures excessive - Adjustment made.*
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

T1824 (1888)

With the exception of the mouth of Little Wax Bayou, just North of Bateman Lake, T1824 is in good agreement generally. The mouth of Little Wax Bayou has no doubt been changed due to construction of the Intra Coastal Waterway.

T1823 (1888)

Just North of the entrance to Bayou Shaffer a wreck is shown on T1823, but is not shown on the present survey, nor the contemporary hydrographic survey H5789. It probably has disappeared in the lapse of 46 years between the two surveys. Snags shown on T1823 and not on T6299a are covered by the hydrographic survey H5789. Neither T6299a nor H5789 show the dock just North of, and on the West side of Sweet Bay Lake. It has probably rotted away. Considering the marshy shoreline in this area T1823 is in good agreement with the present survey T6299a.

T1822 (1888)

Very little of this survey is shown on the present survey T6299a. Stumps shown on T1822 are shown on the contemporary hydrographic survey H5789, together with the channel markers. In general the marshy shoreline of T1822 is in fair agreement with the present survey T6299a.

T6299a supersedes T1822, T1823 and T1824 in part.

Paragraph 9

T1824 (1888)

With the exception of the mouth of Little Wax Bayou, just North of Bateman Lake, T1824 is in good agreement generally. The mouth of Little Wax Bayou has no doubt been changed due to construction of the Intra Coastal Waterway.

T1823 (1888)

Just North of the entrance to Bayou Shaffer a wreck is shown on T1823, but is not shown on the present survey, nor the contemporary hydrographic survey H5789. It probably has disappeared in the lapse of 46 years between the two surveys. Snags shown on T1823 and not on T6299a are covered by the hydrographic survey H5789. Neither T6299a nor H5789 show the dock just North of, and on the West side of Sweet Bay Lake. It has probably rotted away. Considering the marshy shoreline in this area T1823 is in good agreement with the present survey T6299a.

T1822 (1888)

Very little of this survey is shown on the present survey T6299a. Stumps shown on T1822 are shown on the contemporary hydrographic survey H5789, together with the channel markers. In general the marshy shoreline of T1822 is in fair agreement with the present survey T6299a.

T6299a supersedes T1822, T1823 and T1824 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.) *16 cards submitted*
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) *None submitted*
17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) *Declination checks value shown 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 6298 (1934) on the North*
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 Jr. June 16/1936.*

Examined and approved:

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

## REVIEW OF TOPOGRAPHIC SURVEY No. 62996

Title (Par. 56) *Morgan City to Atchafalaya Bay, 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. - Dec. 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

T1822 (1888)

The shore line in general agrees with the present survey T6299b. Several brush stakes are shown on T1822 which do not exist at present. Existing snags are shown on the contemporary hydrographic survey, H5789.

T638 (1855)

This survey covers only a very small part of T6299b from Deer Island Bayou south. It is on a larger scale than T6299b, and is more in detail as to marsh islands close inshore. The general shore line is in good agreement with the present survey T6299b.

T639 (1855)

This survey covers the north shore of Atchafalaya Bay on the present survey, T6299b. The scale of T639 is much larger than on T6299b, and the small marsh islands along the shore are much more in detail than on the present survey.

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.) *2 cards submitted.*
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) *None submitted*
17. The magnetic meridian was shown ✓ and declination was checked. (Par. 17, 52.) *Declination checks value shown on chart.  
No note of having checked declinoaire*
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 6299a (1934) on the North Joins T 6323 (1935) on the South  
Joins T 6300 (1934) 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 Jr. June 16-1936*

Examined and approved:

*E. T. Green*  
Chief, Section of Field Records

*L. O. Lobnitz*  
Chief, Division of Charts

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

*W. H. Wade*  
Chief, Division of Hyd. and Top.