

# 8919

Diag. Cht. No. 1116-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey Photogrammetric Shoreline

Field No. \_\_\_\_\_ Office No. T-8919

### LOCALITY

State Louisiana  
General locality Gulf Coast Intracoastal  
Waterway

Locality Willow Lake - South Fork Black Bayou

1946-'47

CHIEF OF PARTY  
R.A.Gilmore, Chief of Field Party  
T.B.Reed, Balto. Photo. Office

### LIBRARY & ARCHIVES

DATE November 29, 1950

8-1870-1 (1)

8919

## DATA RECORD

T-8919

Quadrangle (II):

Project No. (II): PH-14(46)

Field Office: Morgan City, La.

Chief of Party: Ross A. Gilmore

Compilation Office:  
Baltimore, Md.Chief of Party:  
Thos. B. ReedInstructions dated (II III):  
PH-14(46) Field, not dated

*Division of*  
Copy filed in ~~Descriptive~~  
~~Report No. T-~~ ~~(VI)~~  
*Photogrammetry Office Files.*

Completed survey received in office:  
*11-2-48*

Reported to Nautical Chart Section:

Reviewed: *July 19, 1949* <sup>*11-8-48*</sup> Applied to chart No. *884* Date: *8-18-50*Redrafting Completed: *4-27-50*Registered: *10-11-50*

Published: —

Compilation Scale: 1:10,000

Published Scale: —

Scale Factor (III): 1.000

Geographic Datum (III): N. A. 1927

Datum Plane (III): MHW

Reference Station (III): NEW, 1934

Lat.: 30° 00' 02.390" (73.6m) Long.: 93° 13' 28.743" (770.4m)   
Adjusted ~~Unadjusted~~State Plane Coordinates (VI): *La. South*

X =

Y =

Military Grid Zone (VI)



STATISTICS (III)

Land Area (Sq. Statute Miles): 5

Shoreline (More than 200 meters to opposite shore): 4 statute miles

Shoreline (Less than 200 meters to opposite shore): 15 statute miles

Number of Recoverable Topographic Stations established: none

Number of <sup>photo hydro</sup> Temporary Hydrographic Stations located by radial  
plot: none

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered  
by, (II) Field Party, (III) Compilation Party, or, (VI) the  
Washington Office.

When entering names of personnel on this record give the  
surname and initials (not initials only).

Remarks:



FIELD REPORT

SHORELINE MANUSCRIPT      SURVEY T-8919

For field data covering Survey T-8919 refer to the special report L 81(1947) Gulf Intracoastal Waterway, Vermilion Bay, La. to Port Arthur, Texas, filed in the Nautical Chart Branch. ✓

COMPILATION REPORT

This manuscript is one of a series of surveys in Project No. PH-14(46) which covers a narrow strip of land along the Gulf Intra-coastal Waterway from Vermilion Bay, La. to Port Arthur, Texas. This survey covers the waterway from South Fork Black Bayou to Willow Lake.

26. CONTROL

For the layout of control on this manuscript refer to the radial plot report for Surveys T-8915 to T-8919 submitted to the Washington Office on 16 September 1948. A list of control stations is included in this report on Form M-2388-12.

Station TT 156 LS (USGS) 1932 is lost but its location was pointed out by local residents and pricked direct. WILLOW, 1934, was believed to be lost. The field party gave no information regarding TT 157 LS. These last two stations were not used in this radial plot.

27. RADIAL PLOT

Refer to the Radial Plot Report for Surveys T-8915 to T-8919 submitted to the Washington Office on 16 September 1948, and filed within the *Descriptive Report T-8915*.

28. DELINEATION

The compilation is in accordance with Photogrammetry Instructions No. 17 dated 15 September 1947. Filed in *Div. Photogr. Office Files*.

The field inspection was adequate for the area covered by this survey.

Limits of areas of marsh, high ground, and interpretation of other inland features were determined after careful stereoscopic examination of the photographs.

30. MEAN HIGH WATER LINE

The mean tide range in this area being approximately one foot makes the MHWL and the MLWL practically the same.

31. MEAN LOW WATER LINE

See MHWL above

32. DETAILS OFFSHORE FROM THE MEAN HIGH WATER LINE

No comment.

33. WHARVES AND SHORELINE STRUCTURES

No comment.

34. LANDMARKS AND AIDS TO NAVIGATION

None

35. HYDROGRAPHIC CONTROL

None

36. LANDING FIELDS AND AERONAUTICAL AIDS

None

37. GEOGRAPHIC NAMES

Geographic names were taken from the final name sheet furnished this office, and a list of <sup>approved</sup> names is attached to this report.

39. JUNCTIONS

This survey is bounded by project limits to the north and east. Junctions to the south with Survey No. T-8918 and to the west with Survey No. T-8920 have been made and are in agreement.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

This manuscript was compared with United States Geological Survey Quadrangles Sweet Lake, La., scale 1:31,680, and Lake Charles, scale 1:62,500, and found to be in agreement.

45. COMPARISON WITH NAUTICAL CHARTS

This manuscript was compared with the U. S. C. & G.S. Chart No. 1051 and found to be in good agreement.

The following topographic information shown on T-8919 is of sufficient importance to warrant immediate application to the chart:

None.

The following topographic details above the plane of MHW are not shown on this manuscript but are believed to still exist and should be carried forward on the chart:

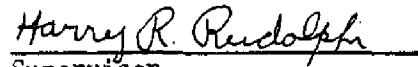
None.


Minor changes in cultural and shoreline details require no special discussion.




Respectfully submitted  
25 October 1948

  
Engineering Draftsman

  
Supervisor

  
Photogrammetric Engineer  
Photogrammetric Office Reviewer

Approved and forwarded  
29 October 1948

  
Officer in Charge  
Baltimore Photogrammetric Office

GEOGRAPHIC NAMES

- Intracoastal Waterway
- ✓ • South Fork Black Bayou
- Willow Lake

- State No. 931
- Grand Lake Ridge. (as on naut. ch. 1051)

Names preceded by -  
were approved. 7-18-49  
W. Heck

Review Report  
Shoreline Survey T-8919

44 Comparison with Existing Surveys:

- A. Quadrangles:  
Sweet Lake, La. 1:31680 1934  
Lake Charles, La. 1:62500 1940
- B. Topographic Surveys:  
T-6043 1:20,000 1934  
*T-8919 supersedes this survey for nautical charting purposes.*
- C. Hydrographic Surveys:

There are no contemporary surveys covering this area.

45 Comparison with Nautical Charts

591	1:40,000	1949 (latest correction date)
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*There are no significant differences between T-8919 and the chart.*

47 Adequacy of Compilation

Field inspection was adequate in the immediate vicinity of the Intracoastal Waterway.

Reviewed by:

Howard J. Murray  
Howard J. Murray 7-19-47

APPROVED BY:

S. V. Griffith  
Chief, Review Section *S.V.M.*

H. Edmonson  
Chief, Nautical Chart Branch  
Division of Charts

E. H. Kirsch  
*E.H.K.*  
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W. M. Scalf  
*W.M.S.*  
Chief, Div. of Coastal Surveys *W.M.S.*