

# 8912

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-8912  
Project PH-14(46)

### LOCALITY

State Louisiana

General locality Gulf Coast Intracoastal  
waterway

Locality Pine Island to Florence Canal

1947

### CHIEF OF PARTY

Ross A. Gilmore, Chief of Field Party  
Thos. B. Reed, Baltimore Photo. Office

### LIBRARY & ARCHIVES

DATE

July 16, 1951

B-1870-1 (1)

2163

## DATA RECORD

T- 8912

Quadrangle (II):

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

Field Office: Morgan City, La.

Chief of Party: Ross A. Gilmore

Compilation Office: Baltimore  
Photogrammetric Office

Chief of Party: Thos. B. Reed

Instructions dated (II III):  
PH-14(46) Field (not dated)

*Div*

Copy filed in Descriptive  
Report No. T- (VI)  
*Photogr. Office Files*

Completed survey received in office: *9/27/48*Reported to Nautical Chart Section: *Sept. '48*Reviewed: *6/23/49* Applied to chart No. *883*Date: *4/5/50*Redrafting Completed: *July 1950*  
*(partial)**July 26, 1950*Registered: *6/22/51*

Published: \_\_\_\_\_

Compilation Scale: 1:10,000

Published Scale: \_\_\_\_\_

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927

Datum Plane (III): ~~MSL~~ *MHW*

Reference Station (III): COASTAL, 1932 (USGS)

Lat.: 29° 54' 22.714" (699.4)

Long.: 92 32 40.690 (1091.6m)

Adjusted

~~Unadjusted~~State Plane Coordinates (VI): *Louisiana, South*X = *1,616,223.28*Y = *452,818.89*

Military Grid Zone (VI)



STATISTICS (III)

Land Area (Sq. Statute Miles): 17.6

Shoreline (More than 200 meters to opposite shore): none

Shoreline (Less than 200 meters to opposite shore): 21 statute miles

Number of Recoverable Topographic Stations established: 4

Number of Temporary <sup>photo-hydro</sup> ~~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: There are no USC&GS triangulation stations within the limits of this survey or any of the adjoining surveys; therefore, the nearest USGS control station, which falls on Survey No. T-8913 was used as a reference station.

FIELD REPORT

SHORELINE MANUSCRIPT

SURVEY NO. T-8912

For field data covering Survey T-8912 refer to the special field report L 81 (1947) Vermilion Bay, La. to Port Arthur, Texas, filed in the Nautical Chart Branch.

MAP T. 8912

PROJECT NO. PH-14(46)

SCALE OF MAP 1:10,000

SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
						FORWARD	(BACK)	
STA. 1266 + 67.13 B.M. 57 U.S.E. 1934	T-6177b	N.A. 1927	29 53 91 24	See form 524	3.3mm	201.6	1645.8	Topo Station
PBM 37. STA. 1183+80 MILE POST 185 1934	"	"	29 53	" "	Held	638.1	1209.3	"
STA. 1122+35.52 B.V. 52 USE 1934	"	"	92 25 29 53	" "	2.3 mm	1222.3 946.7	387.4 900.7	"
STA. 1055+57.92 B.M. 50 U.S.E. 1934	"	"	92 26 29 53	" "	3.0mm	1451.0 1290.1	159.0 557.3	"
FLORENCE STACK (U.S.G.S.) 1932	Acc.No. G-1557 Pg. 22	"	92 28 29 55	See recovery card	Held	238.0 346.3	1371.7 1501.1	Destroyed
Warren 1932 (U.S.G.S.)	G-1557 P. 20	"	92 30 29 53 92 25			1324.2 676.0 1366.5	285.2	

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COMPUTED BY: M. I. Spencer

DATE 9-15-48

copy  
CHECKED BY:

H.R. Rudolph

DATE 9-22-48

M-2388-12

COMPILATION REPORT

SHORELINE MANUSCRIPT

SURVEY NO. T-8912

This manuscript is one of a series of surveys in Project PH-14 (46) and covers a narrow strip of land along the Gulf Intracoastal Waterway from Vermilion Bay, La. to Port Arthur, Texas.

Compilation instructions were not furnished for this project.

26. CONTROL

This manuscript was received from the Washington Office with all control plotted thereon. A list of stations is included in this report on Form No. M-2388-12.

27. RADIAL PLOT

The radial plot for this survey is part of a combined plot run in the Washington Office. The report for this combined radial plot, covering the area of Surveys Nos. T-8909 to T-8914 is included in the descriptive report for Survey No. T-8910. ✓

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.

Some difficulty was encountered with respect to placement of detail due to the weakness of the radial plot (see radial plot report) but the results are considered to be within accuracy requirements. The northern portion of Robins Canal was not delineated due to lack of photographic coverage.

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 MEAN HIGH WATER LINE above.

32. DETAILS OFFSHORE FROM THE MEAN HIGH WATER LINE

Delineated in accordance with Field Identification.

33. WHARVES AND SHORELINE STRUCTURES

No comment

34. LANDMARKS AND AIDS TO NAVIGATION

No comment

35. HYDROGRAPHIC CONTROL

None

36. LANDING FIELDS AND AERONAUTICAL AIDS

None

38. GEOGRAPHIC NAMES 814

Geographic names were taken from the final name sheet furnished this office. A list of geographic names is attached to this report. ✓

39. JUNCTIONS

This survey is bounded by project limits to the north and south, Survey T-8911 to the east and Survey T-8913 to the west. Junction was made with the surveys to the east and west and is in agreement.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

This manuscript was compared with United States Geological Survey quadrangles, Schooner Bayou, N.W. scale 1:31,680, and Grand Lake East, La., scale 1:31,680, and is in good agreement except for the following features that do not appear on the quadrangles:

Small private canal leading to oil well on Warren Canal  
Road along western shore of Robins Canal  
Cultivation along portions of Intracoastal Waterway

45. COMPARISON WITH NAUTICAL CHARTS

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

The following topographic information shown on T-8912 is of sufficient importance to warrant immediate application to the chart: None.



45. COMPARISON WITH NAUTICAL CHARTS (Continued)

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  
16 September 1948

W. W. Spencer  
Engineering Draftsman

Harry R. Rudolph  
Photogrammetric Engineer  
Photogrammetric Office Reviewer

Harry R. Rudolph  
Supervisor

Approved and forwarded  
23 September 1948

Thos. B. ...  
Officer in Charge  
Baltimore Photogrammetric Office

GEOGRAPHIC NAMES

- ~ • Florence Canal •
- ~ • Florence Hunt Club •
- ~ • Intracoastal Waterway •
- ~ • Pine Island •
- ~ • Robins Canal •
- ~ • Warren Canal •

Names preceded by •  
are approved. 6-21-49  
L. Heck

Review Report  
Shoreline Survey T-8912

26 Control

One horizontal control station was plotted on the manuscript during final review and is listed on the Form M-2388-12 attached to this Descriptive Report.

44 Comparison with Existing Surveys:

A. Quadrangles:

Schooner Bayou, La., NW & SW 1:31,680 1932  
Grand Lake, <sup>East</sup> La., NE & SE 1:31,680 1932

B. Topographic Surveys

T-6177 1:20,000 1934  
T-6176 1:20,000 1934

*This map superseded T-6176 and T-6177 for nautical charting purposes.*

C. Hydrographic Surveys:

There are no contemporary surveys in this area.

45 Comparison with Nautical Charts

Chart No. 1051, 1:175,000, 1948 correction date.

*There are no significant differences between T-8912 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 5-23-49

Approved by:

S. V. Griffith  
Chief, Review Section F.V.V.

H. Edmousten  
Chief, Nautical Chart Branch  
Division of Charts

O. S. Reading  
Chief, Division of Photogrammetry

Wm. Acaife  
Chief, Div. of Coastal Surveys  
W.A.

*MMJ*

