

8908

Diag. Cht. No. 1116-2

Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
<b>DESCRIPTIVE REPORT</b>	
Type of Survey <u>Photogrammetric Shoreline</u>	
Field No. <u>Project PH-14(46)</u>	Office No. <u>T-8908</u>
LOCALITY	
State <u>Louisiana</u>	
General locality <u>Gulf Coast Intracoastal Waterway</u>	
Locality <u>Lake Cock to Onion Lake</u>	
<u>1947</u>	
CHIEF OF PARTY Ross A. Gilmore, Chief of Field Party Thos. B. Reed, Baltimore Photo. Office	
LIBRARY & ARCHIVES	
DATE <u>June 25, 1951</u>	

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DATA RECORD

T-8908

Quadrangle (II):

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

Field Office:  
Morgan City, La.

Chief of Party:  
R. A. Gilmore

Compilation Office:  
Baltimore, Md.

Chief of Party:  
T.B.Reed

Instructions dated (II III):  
Ph-14(46) Field Not dated

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

Completed survey received in office: *8-20-48*

Reported to Nautical Chart Section: *8-27-49*

Reviewed: *6/13/49* Applied to chart No. *882* Date: *2/25/49*  
*July 5, 1950*

Redrafting Completed:

Registered: *5-1-51*

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

Compilation Scale: 1:10,000

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

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927

Datum Plane (III): M.H.W.

Reference Station (III): 123 + 89.93 (U.S.E.)

Lat.: 29 - 47 - 39.78 (1224.8m) Long.: 92-06-15.25 (409.6m)

Adjusted  
~~Unadjusted~~

*THIS D.R. states this Sta. shows  
evidence of having been disturbed.*

*RJE 10/3/50*

State Plane Coordinates (VI):

*Louisiana, South Zone*

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
18572 thru 18574	11/23/46	1423	1:10,000	+ 0.1' above MLW

Predicted Tide Tables, Atlantic Ocean, 1946, Reference Station Tide from (III): Galveston, Texas, with corrections to Weeks Bay. Vermilion Bay.

Mean Range: 1.1

Spring Range: Diurnal 1.5'

Camera: (Kind or source)

U.S.C. & G.S. nine lens camera

focal length 8 1/4"

Field Inspection by:

Harold A. Duffy and B. Locke

date: 5 July to

26 September 1947

Field Edit by: *None*

date: \_\_\_\_\_

Date of Mean High-Water Line Location (III):

Same as date of photographs supplemented by field inspection.

Projection and Grids ruled by (III)

WEW

date: 4/6/48

" " " checked by:

WEW

date: 4/6/48

Control plotted by: Unknown (Washington Office)

date: unknown

Control checked by:

" " "

date: "

Radial Plot by: R.J.French

date: 8 June 1948

Detailed by: M.F.Kirk

date: 19 July 1948

2 August 1948

Reviewed in compilation office by:

J.W.Vonasek

date:

5 Aug. to 10 Aug. 1948

~~Elevations on Field Edit Sheet~~

~~checked by:~~

~~date:~~

STATISTICS (III)

Land Area (Sq. Statute Miles): 28.9

Shoreline (More than 200 meters to opposite shore): 21.6 st. miles

Shoreline (Less than 200 meters to opposite shore): 62.0 st. miles

Number of Recoverable Topographic Stations established: none  
photo hydro

Number of ~~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.

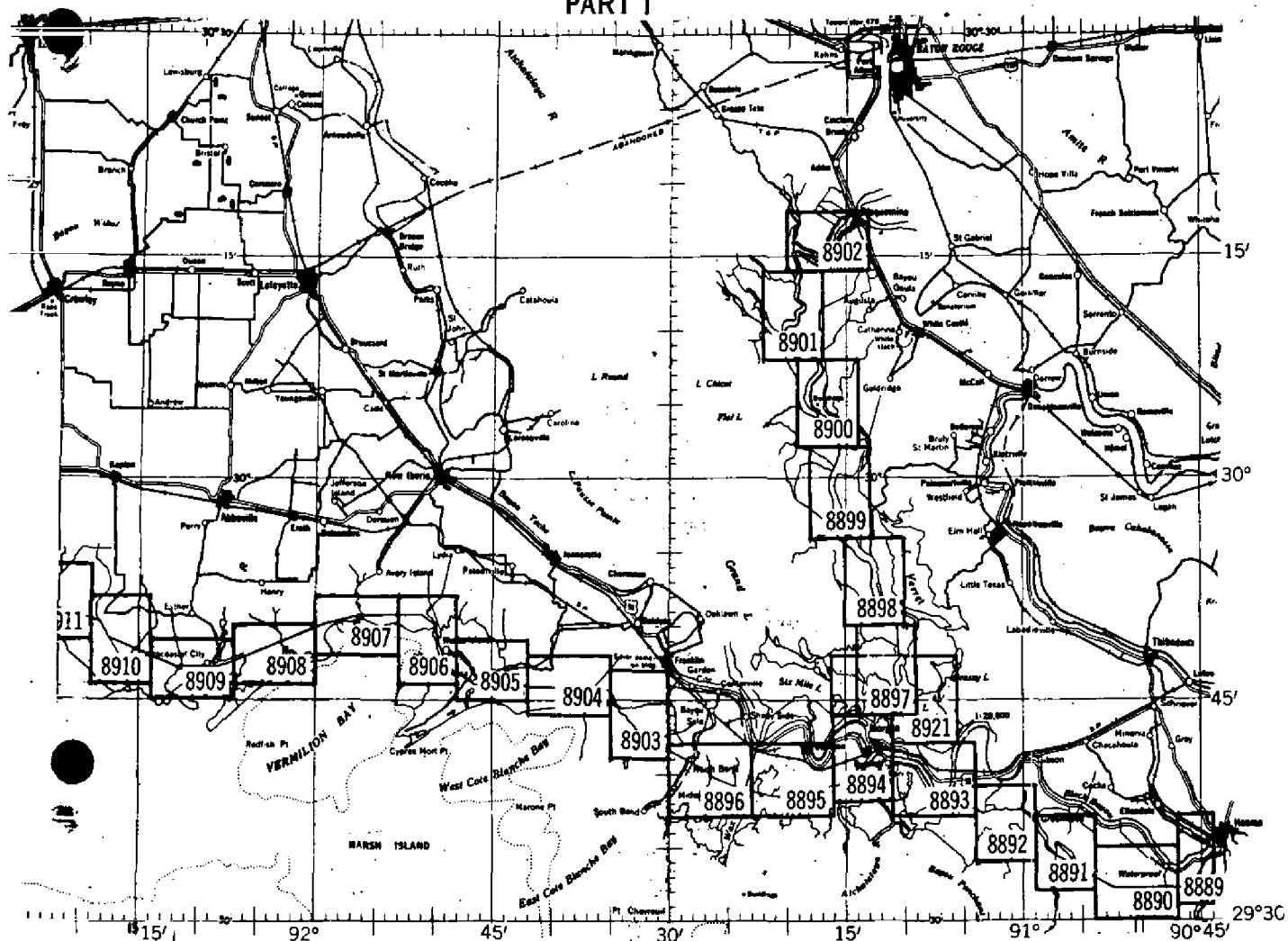
When entering names of personnel on this record give the  
surname and initials (not initials only).

Remarks:

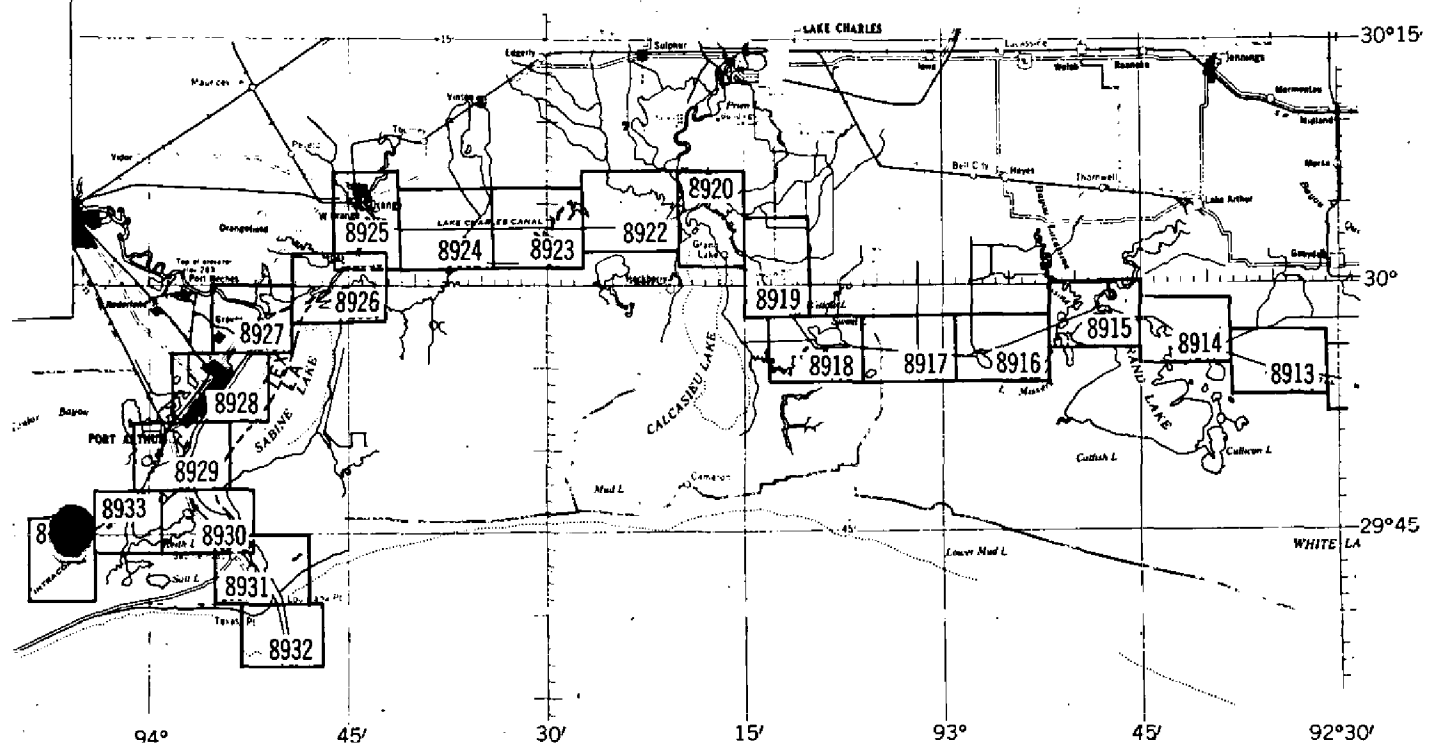
# SHORELINE MAPPING PROJECT PH-14(46)

LOUISIANA - TEXAS, Intracoastal Waterway Houma - Port Arthur

## PART 1



## PART 2



FIELD REPORT

SHORELINE MANUSCRIPT

SURVEY NO. T-8908

For field data covering Survey No. T-8908, refer to the field report, GULF INTRACOASTAL WATERWAY, L 81 (1947), Vermilion Bay, La. to Port Arthur, Texas, submitted by Ross A. Gilmore, dated October 1947. *Filed in Div. Charts, Nautical Chart Branch.*

MAP T. 8908

PROJECT NO. PH-14(46)

SCALE OF MAP 1:10,000

SCALE FACTOR 1.00

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $y$ -COORDINATE LONGITUDE OR $x$ -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		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)	FORWARD	(BACK)		FORWARD	(BACK)	
✓460 + 85.73 (USE)	Abbeville 150	N.A. 1927	29 49	35.94				1106.6	740.8	
413 + 69.13 (USE)	148	"	92 00	16.55				444.4	1166.6	
✓360 + 75.34 (USE)	146	"	29 49	19.68		Held		605.9	1241.5	
			92 01	06.77		(one cut)		181.8	1429.2	
315 + 89.88 (USE)	144	"	29 49	01.43		1.00		44.0	1803.4	
			92 02	03.13				84.0	1527.0	
✓123 + 89.93 (USE)	137	"	29 48	45.97		Held		1415.4	432.0	
			92 02	50.38				1366.3	244.9	
SUB. STA. 478 + 59.22 (USE)	Dereyen Qued 128	"	29 47	39.78		Held		1224.8	622.6	
			92 06	15.25				409.6	1201.9	
SUB. STA. 460 + 85.73 (USE)	Abbeville 150	"	29 49			Held		1236.8		Removed from manuscript
			92 00					80.2		
282 + 56.23 (USE)	143	"	29 49			1.00mm		Plotted by protractor in Washington Office but is not symbolized on manuscript.		
			92 00					Radially plotted position only is shown.		
227 + 45.42 (USE)	141	"	29 48	34.48						
			92 03	26.37						
98 + 95.49 (USE)	136	"	29 48	15.48						
			92 04	25.03						
Champlain, 1933	G 1537 P. 6		29 47	31.18				1538.5	308.9	
			92 06	41.77				1376.9	234.7	
No dates could be found for the above USE stations										

1 FT. = 3048006 METER  
COMPUTED BY G.B. Willey

DATE 3/29/48

CHECKED BY R.J. French

DATE 5/48

M-2388-12

COMPILATION REPORT

SHORELINE MANUSCRIPT

SURVEY NO. T-8908

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 Houma, La. to Corpus Christi Bay, Texas. This project was undertaken to furnish the necessary data to prepare a new series of inland waterway charts at 1:40,000 scale.

Compilation instructions were not furnished for this project.

26. CONTROL

This manuscript was received from the Washington Office with the control plotted thereon. A list of the stations is included in this report on Form No. M-2388-12. The following stations were not held in the radial plot:

Sub. Sta. 460 + 85.73 (USE), tolerance 1.00 mm;  
360 + 75.34 (USE), tolerance 1.00 mm.

Station 413 + 69.13 (USE) was held with only one cut due to a smoke area on the photographs.

27. RADIAL PLOT

The radial plot for this survey was made in the Washington Office. Refer to the radial plot report, covering Survey Nos. T-8903 through T-8909, by Roscoe J. French, dated 8 June 1948. *Included in Desc. Report for T-8903.*

28. DELINEATION

The compilation is in accordance with Photogrammetry Instructions No. 17, dated 15 September 1947.

*Filed in Div. Photogrammetry Office Files*

The shoreline of Vermilion Bay along the south limits of the manuscript could not be fully delineated due to the lack of photographic coverage.

The shoreline of Vermilion Bay was extended past the eastern limits of the sheet to make full junction with T-8907.

30. MEAN HIGH WATER LINE

The mean tide range in the area covered by this manuscript is about one foot thereby making the MHWL and the MLWL for all practical purposes one and the same.



31. MEAN LOW WATER LINE

See Mean High Water Line.

32. DETAILS OFFSHORE FROM THE MEAN HIGH WATER LINE

Delineated in accordance with the field identification.

33. WHARVES AND SHORELINE STRUCTURES

No comment

34. LANDMARKS AND AIDS TO NAVIGATION

There are no landmarks or aids to navigation in the area of this survey.

35. HYDROGRAPHIC CONTROL

None

36. LANDING FIELDS AND AERONAUTICAL AIDS

None

38. GEOGRAPHIC NAMES 84

The geographic names were taken from U.S.G.S. Abbeville, La. quadrangle (SE quarter) scale 1:31,680 edition of 1932. No final names standard was furnished for this area. *Approved list attached.*

39. JUNCTIONS

This survey is bounded by the project limits to the north and south, Survey No. T-8907 to the east, and Survey No. T-8909 to the west. Junctions were made with these two surveys in the compilation office.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

This sheet was compared with U. S. Geological Survey Abbeville, La. quadrangle (SE), scale 1:31,680, dated 1932. Quite a few changes were found to exist, the major of which are:

- 1. Stump Island has diminished in size
- 2. Gum Island has all but disappeared

45. COMPARISON WITH NAUTICAL CHARTS

Due to the great difference in scale between this survey (scale 1:10,000) and nautical charts Nos. 1051 and 1116 (scale 1:175,000 and

45. COMPARISON WITH NAUTICAL CHARTS (Continued) (T-8908)

1:458,596 respectively) a minute comparison could not be made. Comparison was made with chart No. 1277, scale 1:80,000, published November 1938; corrected to 22 December 1947.

The following topographic information shown on T-8908 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 differences in cultural and shoreline details need no special discussion.

Respectfully submitted:  
2 August 1948

M. F. Kirk  
Topographic Engineer

Joseph W. Vonasek R.G.  
Photogrammetric Engineer  
Photogrammetric Office Reviewer

Harry R. Rudolph  
Supervisor

Approved and forwarded  
Thos B. Baird  
Officer in Charge  
Baltimore Photogrammetric Office

V. m.

GEOGRAPHIC NAMES

- • Bayou Chin • ✓
- • Bayou Hebert • ✓
- • Bayou Jack • ✓
- • Bayou Mountine • ✓
- • Boston Canal • ✓
- • Boston Bayou • ✓
- • Caldwell Camp • ✓
- • Champlain Point • ✓
- • Deer Bayou • ✓
- • Green Island Bayou • ✓
- • Gum Island • ✓
- • Hebert Lake • ✓
- • Hog Lake • ✓
- • Intracoastal Waterway • ✓
- • ~~Lake~~ Bebe Lake • ✓
- • Lake Cock • ✓
- • Long Lake • ✓
- • Maple Island • ✓
- • Magee Canal • ✓
- • North Bayou • (north of Intracoastal Waterway) ✓
- • North Bayou • (south of Intracoastal Waterway) ✓
- • Onion Lake • ✓
- • Peter Lee Island • ✓
- • Stump Island • ✓
- • Vermilion Bay • ✓

Names preceded by •  
are approved 5-19-49  
L. Heck

Review Report  
Shoreline Survey  
T-8908

26 Control

Four horizontal control stations were plotted on the manuscript, during final review, and were listed on the Form M-2388-12 attached to this Descriptive Report.

44 Comparison with Existing Surveys

- A. Quadrangles:  
Abbeville, La. (S.E.) 1:31,680 1932  
Derouen, La. 1:62,500 1932
- B. Topographic Surveys:  
T-6177 1:20,000 1934
- C. Hydrographic Surveys:  
There are no contemporary surveys in this area.

*This map supersedes T-6177 for nautical charting.*

45 Comparison with Nautical Charts

1277 1:80,000 1947 (correction date)  
Manuscript T-8908 was applied to chart 882, one of a new series, prior to review.

47 Adequacy of the Compilation

Field inspection was adequate in the immediate vicinity of the Intracoastal Waterway. In the future this area will be covered completely by topographic map T-9105.

Reviewed by:

Howard J. Murray  
Howard J. Murray 6/13/49

Approved by:

A. V. Griffith  
Chief, Review Section K. V. M.

H. E. Munton  
Chief, Nautical Chart Branch  
Division of Charts

O. J. Reading  
Chief, Div. of Photogrammetry

W. M. Scaife  
Chief, Div. of Coastal Surveys  
B. H.

