

# 8902

Diag. Cht. No. 1116-2

Form 504

U. S. COAST AND GEODETIC SURVEY  
DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey SHORELINE (PHOTOGRAMMETRIC)

Field No. PH-14 (46) Office No. T-8902

### LOCALITY

State LOUISIANA

General locality INTRACOASTAL WATERWAY

Locality BAYOU PLAQUEMINE

1947

CHIEF OF PARTY

R. A. Gilmore

LIBRARY & ARCHIVES

DATE

June 21, 1951

B-1870-1 (1)

2000

## DATA RECORD

T-8902

Quadrangle (II):

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

Field Office:

Chief of Party: Lt. Comdr. R. A. Gilmore

Compilation Office:

Chief of Party: L. C. Lande

Graphic Compilation Section

Div. of Photogrammetry, Wash. Office

Instructions dated (II III):

*Not dated.*Copy filed in *Division* Descriptive-Report No. T- ~~(VI)~~*Photogrammetry  
Office Files*

Completed survey received in office:

July 1947

Reported to Nautical Chart Section: *July, 1947*Reviewed: *3/16/49*

Applied to chart No.

Date:

*June 30, 1950*

Redrafting Completed:

Registered: *4/27/51*

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

Compilation Scale: 1:10,000

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

Scale Factor (III): 1.00

Geographic Datum (III): NA 1927

Datum Plane (III):

MHW

Reference Station (III): BLANCHARD, 1935

Lat.: 30° 15' 28.057"

Long.: 91° 19' 08.100"

Adjusted  
~~Unadjusted~~

State Plane Coordinates (VI): Zone S

X = 2,004,551.64 ft.

Y = 578,607.30 ft.

Military Grid Zone (VI)

Zone C

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
18512*	23 Nov. 1946	11:57	1:10,000	Near MHW
18515*		12:04		
6*		12:05		
7*		12:06		
8*		12:07		

\*Field and office photograph

Tide from (III):

Mean Range: \_\_\_\_\_ Spring Range: \_\_\_\_\_

Camera: (Kind or source) C&GS Nine-lens

Field Inspection by: R. A. Gilmore date: 27 May to  
Chief of Party 3 July 1947

Field Edit by: *None* date:

Date of Mean High-Water Line Location (III): 27 May to 3 July 1947

Projection and Grids ruled by (III) T. L. Janson date: 26 Sept. 1947

" " " checked by: T. L. Janson date: 26 Sept. 1947

Control plotted by: George Smith date: 5 Oct. 1947

Control checked by: N. A. Cluff date: 10 Oct. 1947

Radial Plot by: S. Blankenbaker, L. M. Gazik date: 12 Dec. 1947

Detailed by: E. H. Ramey date: 20 May 1948

Reviewed in compilation office by: *G.B. Willey* date: *June 1948*

~~Elevations on Field Edit Sheet~~  
~~checked by:~~ ~~date:~~

STATISTICS (III)

Land Area (Sq. Statute Miles):

Shoreline (More than 200 meters to opposite shore):

Shoreline (Less than 200 meters to opposite shore):

Number of Recoverable Topographic Stations established:

Number of Temporary Hydrographic Stations located by radial plot:

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:



Descriptive Report: T-8902

Project: Ph-14(46) Intracoastal Waterway, Louisiana  
Location: Bayou Plaquemine  
Scale: 1:10,000

This report is concerned with the fourteenth of a series of shoreline sheets which extend along the Intracoastal Waterway from Houma, Louisiana, longitude  $90^{\circ}44'W$ . to Corpus Christi, Texas, longitude  $97^{\circ}15'W$ . This sheet is the sixth of a series of six shoreline sheets which extend along both the main and alternate routes of the Waterway from Morgan City to Plaquemine, Louisiana, where the Waterway goes through the Plaquemine Lock into the Mississippi River.

Project Ph-14(46) was undertaken to furnish the necessary data to prepare a new series of inland waterway charts at 1:40,000 scale. The chart covering this part of the Waterway will be at 1:50,000 scale.

The field party recovered the control and located other pertinent detail by photogrammetric or surveying methods for compilation in this office. The field work was done by Lt. Comdr. R. A. Gilmore, Chief of Party.

Compilation was made from field records, photographs, and instructions from Special Report L. 533 (1947), Houma, La. to Vermilion Bay, La.

This shoreline manuscript is filed in the Division of Photogrammetry and Special Report L. 533 (1947) is filed in the Nautical Chart Branch.

No planetable work has been done in this area by this Bureau.

## Compilation Notes

### 26. Control and Radial Plot.-

The control and radial plot for this sheet are discussed in the descriptive report for sheet T-8897, which is filed in the Division of Photogrammetry.

### 28. Detailing.-

Photographs were generally satisfactory for office detailing. Some trouble was encountered with overhanging trees, in which case the shoreline was shown as approximate. In a few instances, it was difficult to interpret some details of lesser importance. Swamp limits could not be interpreted. Four churches (shown on U.S.E. quadrangles) could not be interpreted.

Field inspection was confined almost entirely to the shoreline and was generally adequate. Discrepancies or errors seem to be evident in data on bridge and overhead cable clearances. The field man recorded most vertical clearances relative to water level at a stated time and date without determining datum. This is the information that is given on this manuscript. However, the clearance on a highway bridge at Indian Village was corrected by a U.S.E.D. staff reading at Plaquemine. No data are now available in this office to correct the other clearances.

Many farm roads of class 7 are in the area. They appear insignificant, generally, so it was attempted to show only the more significant ones.

A levee is shown along Bayou Plaquemine on Chicot Lake Quadrangle which could not be interpreted on the photographs. It seems to actually be highway fill.

### 29. Supplemental Data.-

U.S.E. Quadrangles Grosse Tete, La., Baton Rouge, La., and Chicot Lake, La. were used to supplement the photographs for detailing. There are no U.S.C. & G.S. graphic control surveys in this area.

### 30. Mean High Water Line.-

No effect of tide is evident so MHWL is regarded as at water level at time photographs were taken.

34. Landmarks and Aids to Navigation.-

Four lights along the Mississippi River were cut in by radial plot and scaled to get position. One of these lights fell out of the detailed area and does not appear on this manuscript. Positions are given in this report. There are no landmarks in the area. *Form 567 attached.*

44. Comparison with Existing Topographic Quadrangles.-

This manuscript was compared with U.S.E. Quadrangles Grosse Tete, La., Baton Rouge, La., and Chicot Lake, La. and found to be in general agreement. Some minor roads, narrowgauge railroads, and small drainage could not be interpreted as significant or else had changed. Other discrepancies are discussed in paragraph 28 above.

45. Comparison with Nautical Charts.-

This manuscript was compared with Nautical Chart 1050, 47-11/3, and found to be in general agreement. Swamp limits and the small levee are not shown as discussed in paragraph 28. It is believed that this manuscript adequately portrays charted details and should supersede all charted information.

Submitted by:

*Everett H. Ramey* 9 June 1948  
E.H. Ramey, Photogrammetrist

Reviewed by:

*Roscoe J. French*  
R.J. French, Photogrammetrist

Approved by:

*W. Willey for L.C. Lande*



**NONFLOATING AIDS TO NAVIGATION FOR CHARTS**  
Lake Charles, LA.  
Washington, D. C.

**TO BE CHARTED**  
~~TO BE DELETED~~

STRIKE OUT ONE

July  
May

47  
19 48

I recommend that the following objects which have ~~been~~ been inspected from seaward to determine their value as landmarks be charted on ~~(charts 208.5, 209.1, 208.3)~~ the charts indicated.

The positions given have been checked after listing by **C. Bishop**

**R. A. Gilmore (Field)**  
**L. C. Lunde (Office)**

Chief of Party

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE		LONGITUDE							
				°	'	°	'						
	Lt. 208.5	Plaquemine		30 17	1225	91 14	46	NA 1927	Photo	June 1947	X X	881	
	Lt. 209.1	Reliance		30 18	823	91 13	1581	"	"	"	X X	1050	
	Lt. 208.3	Melodan Point		30 17	1607	91 13	1044	"	"	"	X X	"	
	Lt. 207.5	Pecan		30 16	1777	91 13	723	"	"	"	X X	"	
			<i>E. H. Ramey</i>										
		Plotted by:	E. H. Ramey	18	May	1945	Washington Office						
		Scaled by:	E. H. Ramey	18	May	1948							
		Checked by:	R. J. French	18	May	1948							
			<i>R. J. French</i>										
		These positions can also be found on page 5 of Special Report 1.533 (1947), which is filed in the Nautical Chart Branch.											

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

GEOGRAPHIC NAMES

Survey No. T-8902

Name on Survey	On Chart No.		On previous survey No.		On U. S. quadrangle Maps		From local information		On local Maps		P. O. Guide or Map		Rand McNally Atlas		U. S. Light List	
	A	B	C	D	E	F	G	H	K							
<u>Bayou Richard</u>	—															1
<u>Bayou Grosse Tete</u>	—															2
<u>Bayou Plaquemine</u>	—															3
<u>Intracoastal Waterway</u>	—												USGB			4
<u>Indian Village</u>	—															5
<u>Crescent</u>	—															6
<u>Bayou Jacob</u>	—															7
<u>Enterprise Plantation</u>	—															8
<u>Star Plantation</u>	—															9
<u>Myrtle Grove Plantation</u>	—															10
<u>Mississippi River</u>	—												USGB			11
<u>Turneyville</u>	—															12
<u>Plaquemine</u>	—															13
<u>La. State Hy. #65</u>	—															14
" " " 254	—															15
" " " 30	—															16
" " " 168	—															17
" " " 410	—															18
<u>Texas &amp; Pacific Railroad</u>	—															19
<u>Seymourville</u>	—															20
<u>Plaquemine Lock</u>	—															21
<u>Plaquemine Point</u>	—															22
																23
																24
																25
																26
																27

(Not tip of point opposite Plaque-  
mine, but a neck of land)

Names underlined in red  
are approved. 3/16/49  
LHECK

