

8898

Diag. Cht. No. 1116-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey SHORELINE (PHOTOGAMMETRIC)

Field No. PH-14(46) Office No. T-8898

LOCALITY

State LOUISIANA

General locality INTRACOASTAL WATERWAY

Locality MORGAN CITY TO PLAQUEMINE

194 7

CHIEF OF PARTY

R. A. Gilmore

LIBRARY & ARCHIVES

DATE June 21, 1951

DATA RECORD

T- 8898 (Shoreline)

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
Division of Photogrammetry
Washington Office

Instructions dated (II III):

Copy filed in Descriptive

Report No. T-

(VI)

Division of Photg
Office Files

Undated

Completed survey received in office: 4/23/48

Reported to Nautical Chart Section: 4/23/48

Reviewed: 1/18/49

Applied to chart No. 881

Date: Dec 1948

Redrafting Completed:

June 23, 1950

Registered: April 27, 1951

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):

Lat.:

Long.:

Adjusted
Unadjusted

No USC & GS station

(USE only)

State Plane Coordinates (VI):

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>
18495*	Nov. 23, 1946	11:43	1:10,000	
18496*	do	do	1:10,000	
18497*	do	do	1:10,000	
18498*	do	do	1:10,000	
18499*	do	11:47	1:10,000	

*Field and Office

Tide from (III):

Mean Range:

Spring Range:

Camera: (Kind or source) Nine-lens, U.S.C. & G.S.

Field Inspection by: R.A. Gilmore, Chief of Party date: July, 1947

Field Edit by: date:

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

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

" " " checked by: T.L.J. date: Sept. 1947

Control plotted by: G. Smith date: Oct. 1947

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

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

Detailed by: E. H. Ramey date: Mar. 1948

Reviewed in compilation office by: date:

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:

LOUISIANA - TEXAS, Intracoastal Waterway Houma - Port Arthur.

This map shows the Lake Charles area with a grid of numbered boxes. The boxes are labeled with numbers: 8913, 8914, 8915, 8916, 8917, 8918, 8919, 8920, 8921, 8922, 8923, 8924, 8925, 8926, 8927, 8928, 8929, 8930, 8931, 8932, 8933, and 8934. The map includes geographical features such as Lake Charles, Lake Arthur, Lake Sabine, and Lake Calcasieu. It also shows the Lake Charles Canal and the Sabine River. The map is overlaid with a grid of latitude and longitude lines, with latitude ranging from 29°45' to 30°15' and longitude ranging from 92°30' to 94°00'.

Descriptive Report: T-8898

Project: Ph-14(46) Intracoastal Waterway, Louisiana

Location: Morgan City - Plaquemine

Scale: 1:10,000

This report is concerned with the second of a series of six shoreline sheets which cover the Intracoastal Waterway from Morgan City, Louisiana to Plaquemine, Louisiana, and the tenth of a series of shoreline sheets covering the Intracoastal Waterway from Houma, Louisiana, Long. $90^{\circ}44'$ W to Corpus Christi, Texas. 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.

50,000

The field party located all pertinent detail by photogrammetric methods for compilation in this office. The field work was accomplished under the direction of Lt. Comdr. R. A. Gilmore.

Compilation notes were made from field records, photographs, and instructions from Special Report L533(1947) Houma, Louisiana to Vermilion Bay, Louisiana.

T-8898

This T-Sheet is filed in the Division of Photogrammetry and L.533(1947) is filed in the Nautical Chart Branch.

COMPILATION REPORT

26. Control. - Control is discussed in the Radial Plot Report.

27. Radial Plot. - The radial plot for this sheet is discussed in the Radial Plot Report for Sheet T-8897. This report is for the radial plot covering all sheets from Morgan City to Plaquemine and is filed in the Division of Photogrammetry.

29. Detailing. - Photographs were generally adequate for detailing. Some trouble was encountered from overhanging trees. Field inspection was generally adequate.

Napoleonville Quadrangle shows some swamp limits which were impossible to interpret on the photographs. The area is heavily wooded and there probably is no sharp line marking swamp limits.

29. Supplemental Data. - Napoleonville Quadrangle (C. of E.) was used to supplement the photographs during compilation. There are no graphic surveys in this area.

33. Wharves and Shoreline Structures. - Only small piers and catwalks were in the area. It is believed that they are shown complete.

34. Landmarks and Aids to Navigation. - None in area.

44. Comparison with Existing Topographic Quadrangles. - Line between woods and swamp on the eastern part of this sheet could not be interpreted as shown on Napoleonville Quadrangle. It probably would be difficult to determine such a line in the field so it may be of minor importance.

This sheet shows a few canals and a completed levee which are not on Napoleonville Quadrangle. Otherwise, the two sheets agree favorably.

45. Comparison with Nautical Charts. - This sheet was compared with Nautical Chart 1050, dated 47-11/3 and found to be in favorable agreement. It is believed that this sheet adequately portrays all charted topographic details and it should supersede all charted information.

Submitted by: E. H. Ramey

Verified by: R. J. French

APPROVED by:

L. C. Lande
L. C. Lande

Date: March 18, 1948

GEOGRAPHIC NAMES

Survey No.

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	
Lake Verret ✓								US6B	1
Old River ✓									2
Big Goddel Bayou ✓								US6B	3
Belle River ✓									4
Intracoastal Waterway ✓								US6B	5
Intracoastal Waterway									6
(Alternate Route) ✓									7
Graveyard Island ✓									8
East Atchafalaya Basin									9
Protection Levee ✓									10
Big Forks Bayou ✓									11
Shell Oil Co. (Private									12
Canal) ✓									13
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Names underlined in
red are approved
6/18/49. L. H.

Division of Photogrammetry
Review Report of
Shoreline Map Manuscript T-8898

28 Detailing

The original compilation was adequate except for one minor change made by the reviewer. Hyacinths have been shown on the map manuscript along the Intracoastal Waterway and the Belle River Alternate Route. Additions and corrections have been shown on the map manuscript in blue ink.

The canal that roughly parallels the N 29° 53' parallel may be an abandoned tram road, as shown on the Napoleonville, La. Quadrangle. There was no field inspection for the feature.

44 Comparison with Existing Topographic Quadrangles

U.S.E. Napoleonville, La., 1:62,500 1935

There are no contemporary hydrographic surveys.

45 Comparison with Nautical Charts

1050 1:175,000 1939-1948

Partially applied to chart 881 prior to review. (One of a new series)

Reviewed by:

B. Thomas Hynson
B. Thomas Hynson 1/18/49
Cartographer (Photo)

Approved by:

S. V. Griffith
Chief, Review Section
Division of Photogrammetry

H. Edmonson
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading
Chief, Division of Photogrammetry

W. M. Scaife
Chief, Division of Coastal Surveys