

8900

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 (16) Office No. T-8900

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-8900

Quadrangle (II):

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

Field Office:

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

Compilation Office:

Graphic Compilation Office
Division of Photogrammetry
Washington Office

Chief of Party: L.C. Lande

Instructions dated (II III):

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

Completed survey received in office:

Reported to Nautical Chart Section: *April 1948*Reviewed: *3/11/49*Applied to chart No. *881*Date: *1-49*

Redrafting Completed:

*June 22, 1950*Registered: *April 26, 1951*Published: *—*

Compilation Scale: 1:10,000

Published Scale: *—*

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927

Datum Plane (III): *MHW*

Reference Station (III): No C & GS Station in area

Lat.:

Long.:

Adjusted
Unadjusted

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>
18503*	23 Nov. 1946	11:50	1:10,000	
18504*	"	"	"	
18505*	"	"	"	
18506*	"	"	"	
18507*	"	11:53	"	

* Field and Office

Tide from (III):

Mean Range: _____

Spring Range: _____

Camera: (Kind or source)

C & GS Nine-lens

Field Inspection by: R. A. Gilmore
(Chief of Party)

date: July 1947

Field Edit by: *None*

date: _____

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

Projection and Grids ruled by (III) P. L. Janson

date: Sept. 1947

" " " checked by: T. L. Janson

date: Sept. 1947

Control plotted by: G. Smith

date: Oct. 1947

Control checked by: M. A. Cluff

date: Oct. 1947

Radial Plot by: S. Blankenbaker, L. Gasik

date: Dec. 1947

Detailed by: E. H. Ramey

date: April 1948

Reviewed in compilation office by: *L. C. Lande*

date: *April, 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.

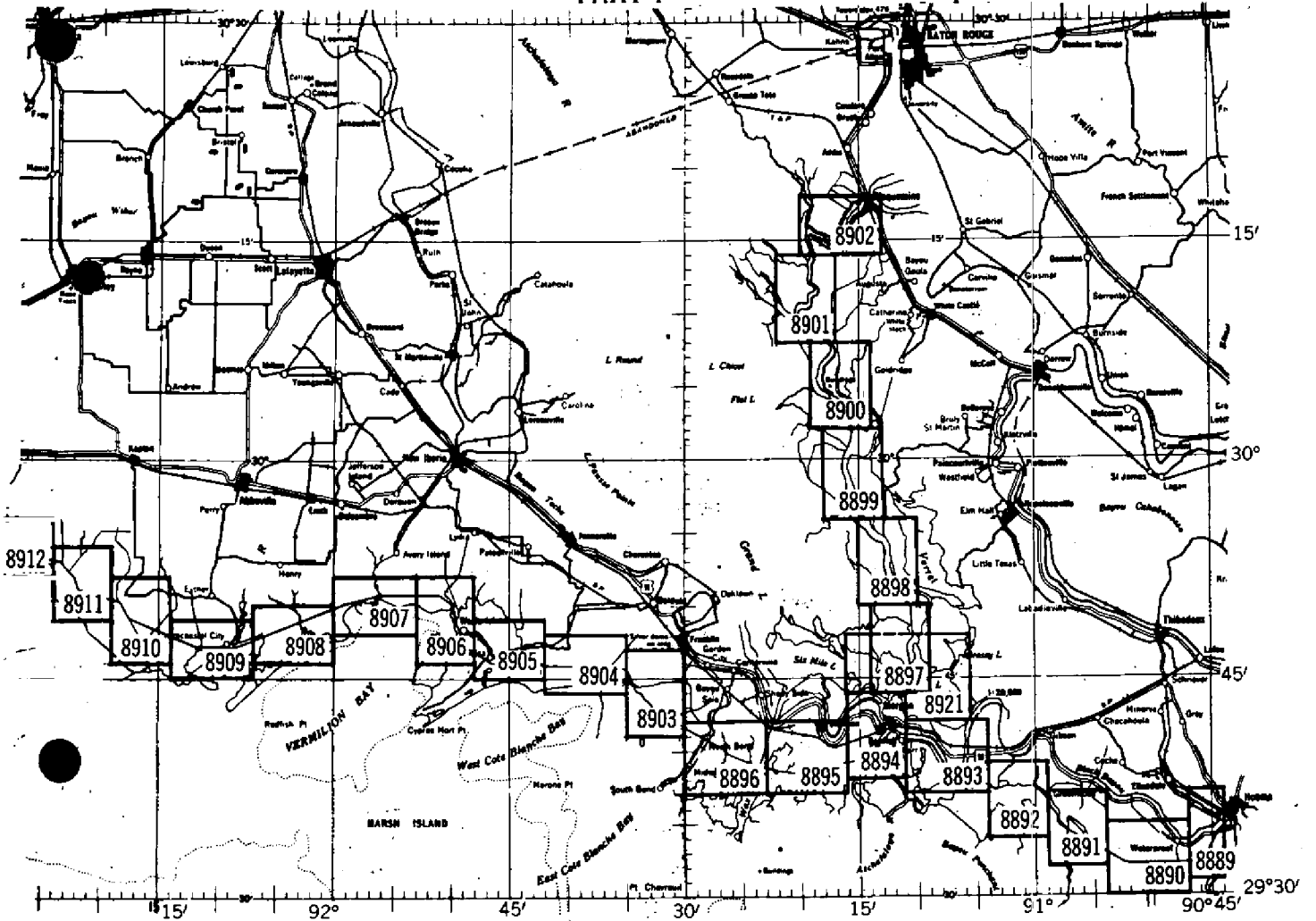
When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

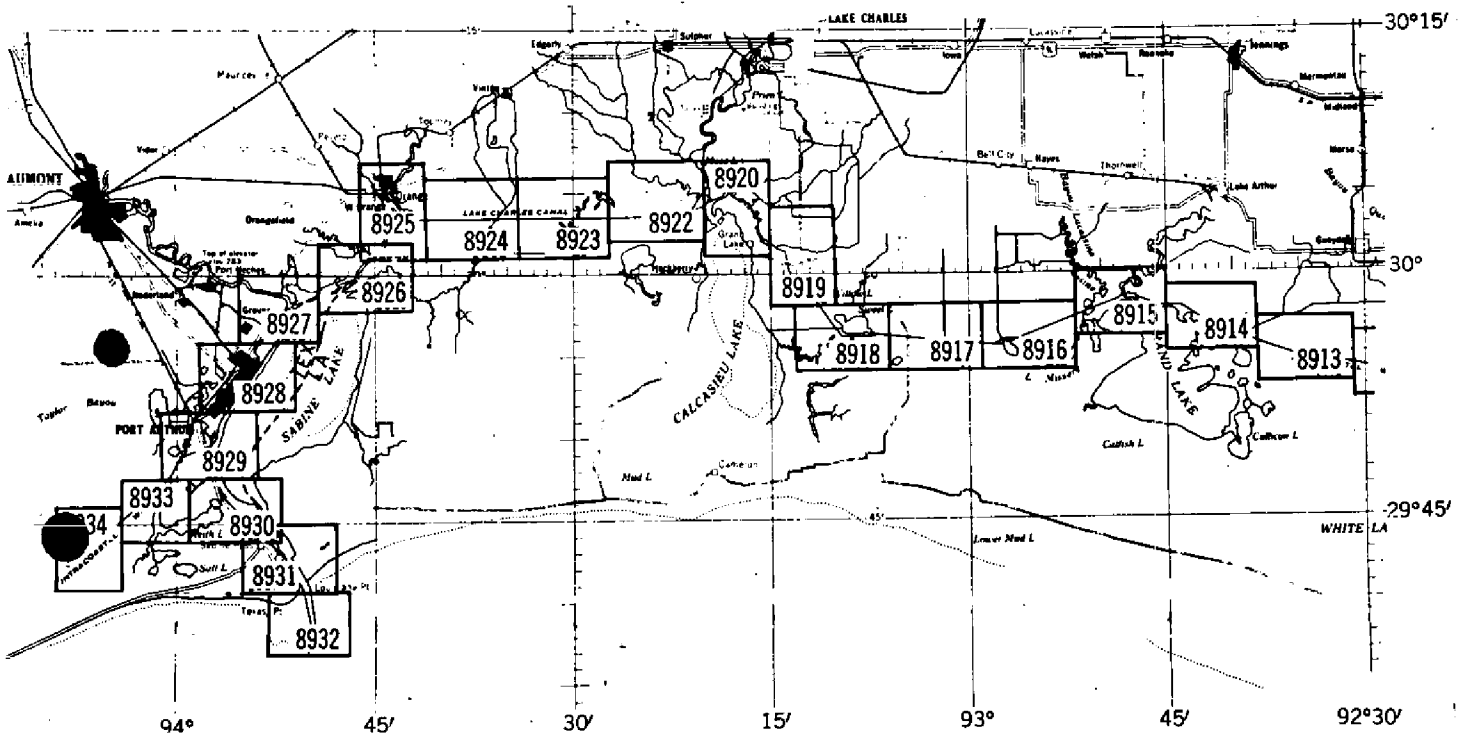
SHORELINE MAPPING PROJECT PH-14(46)

LOUISIANA - TEXAS, Intracoastal Waterway Houma - Port Arthur

PART 1



PART 2



Descriptive Report: T-8900

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

Location: Morgan City to Plaquemine

Scale: 1:10,000

This report is concerned with the fourth of a series of six shoreline sheets which cover the Intracoastal Waterway from Morgan City, Louisiana to Plaquemine, Louisiana and the twelfth of a series of shoreline sheets covering the Intracoastal Waterway from Houma, Louisiana, longitude $90^{\circ}44'$ W. to Corpus Christi, Texas, longitude $97^{\circ}15'$. Project Ph-14(46) was undertaken to furnish the necessary data to prepare a new series of inland waterway charts at scales of 1:40,000 and 1:50,000.

The field party identified all pertinent details on the photographs and details have been compiled by photogrammetric methods in this office. The field work was accomplished under the direction of Lt. Comdr. R. A. Gilmore, Chief of Party.

Compilation notes were made from field records, photography and instructions from Special Report L.533(1947), Houma, Louisiana to Vermilion Bay, Louisiana.

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 discusses the radial plot for all sheets from Morgan City to Plaquemine and is filed in the Division of Photogrammetry.
28. Detailing.-- Photographs were generally adequate for detailing. Some trouble was encountered with overhanging trees.

Field inspection did not seem thorough enough. A small canal which runs adjacent to La. Highway 1003, was shown to end at a certain point when it appeared to continue for some distance. The area at the other end of this canal was shown as filled in without showing the extent of the fill or how it changes the canal.

Chicot Lake Quadrangle shows a line between swamp and woods which could not be interpreted on the photographs. Some of these wood areas are labeled on field photographs without showing their limits. These areas are generally low and may be swampy. Consequently, it was decided to show the areas as swamp.

29. Supplemental Data.-- Chicot Lake Quadrangle (C. of E.) was used to supplement the photographs during compilation. No graphic surveys have been done in this area.

31. Low-Water and Shoal Lines.-- Some low-water line is shown along the Waterway generally as indicated on field inspection photographs.

33. Wharves and Shoreline Structures.-- A small pier is shown on this sheet which was labeled as a pipe by the field inspection party. It is believed by the compiler that this pipe is for loading or unloading barges from oil tanks near the shore and that it is a form of a pier.

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

44. Comparison with Existing Topographic Quadrangles.-- Chicot Lake Quadrangle agrees generally with this sheet. Some new construction has been done since the Quadrangle was published.

45. Comparison with Nautical Charts.-- This sheet was compared with Chart 1050; 47-11/3. A new route has been constructed for the Intra-coastal Waterway and what was shown on Chart 1050 as the Waterway, is now the alternate route. Otherwise, there is favorable agreement between the two sheets. It is believed that this sheet adequately portrays all charted topographic details and should supersede all charted information.

Approved by:

L. C. Lande
L. C. Lande

Submitted by:

E. H. Ramey
E. H. Ramey

Checked by:

Roscoe J. French
R. J. French

4/13/40

GEOGRAPHIC NAMES

Survey No. T-8900

Name on Survey	Source										
	A	B	C	D	E	F	G	H	K		
<u>Lower Grand River</u>	/										1
<u>Intracoastal Waterway (Alternate Route)</u>	/										2
<u>Choctaw Bayou</u>	/										3
<u>Lake Long</u>	/										4
<u>Little Bayou Pigeon</u>	/										5
<u>Pigeon</u>	/										6
<u>La. State Hy. 1003</u>	/										7
<u>Lake Natches</u>	/										8
<u>Bayou Indigo</u>	/										9
<u>Pumpkin Point</u>	/										10
<u>Chopin Chute</u>	/										11
<u>Stringer Bayou</u>	/										12
<u>Bayou Teche</u>	/			(not to be confused with much larger feature of same name)							13
<u>Intracoastal Waterway</u>	/										14
<u>East Atchafalaya Basin Protection levee</u>	/										15
<u>Lower Grand River</u>	/			Names underlined in red are approved. 3/10/49. W Heck							17
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Division of Photogrammetry
Review Report of
Shoreline Map Manuscript T-8980

Subject numbers not used in this review report have been adequately covered in other parts of the Descriptive Report.

28 Detailing

The original compilation was adequate except for minor changes made by the reviewer. These changes have been shown on the map manuscript in blue ink.

The small canal mentioned in paragraph 28 of the compilation report has been partially deleted according to the notes on the field inspection photograph.

44 Comparison with Existing Topographic Quadrangles

Quadrangles
U.S.E. Chicot Lake, La. 1:62,500 1935
U.S.E. White Castle, La. 1:62,500 1935

There are no contemporary hydrographic surveys in the area covered by the map manuscript.

45 Comparison with Nautical Charts

1050 1:175,000 1939-1948

This map manuscript has been partially applied, prior to review to chart 881, one of a new series.

Reviewed by:

B. Thomas Hynson
B. Thomas Hynson,
Cartographer (Photo) 3/11/49

Approved by:

L. V. Griffith
Chief, Review Section
E. H. M.
217

H. Edmonson
Chief, Nautical Charts Branch
Division of Charts

O. S. Reading
Chief, Division of Photogrammetry
S. H.

W. M. Scafe
Chief, Div. of Coastal Surveys
L. S. H.