

8899

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-8899

LOCALITY

State LOUISIANA

General locality INTRACOASTAL WATERWAY

Locality MORGAN CITY TO PLAQUEMINE-

OLD RIVER TO CHOPIN CHUTE

194 7

CHIEF OF PARTY

R. A. Gilmore

LIBRARY & ARCHIVES

DATE June 21, 1951

B-1870-1 (1)

DATA RECORD

T- 8899

Quadrangle (II):

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

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.

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

Completed survey received in office: ~~August 1947~~ *4/23/48*

Reported to Nautical Chart Section: *4/23/48*

Reviewed: *Mar. 29, 1949* Applied to chart No. 881 Date: *1-49*

Redrafting Completed:

*June 22, 1958*Registered: *April 26, 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): Goddard, 1935

Lat.:
 29°58' 06.004"
 184.87 m.

Long.:
 91°15' 17.739"
 475.60 m.

Adjusted
~~Unadjusted~~

State Plane Coordinates (VI):
 Lambert Zone S

X =
 2,024,826.33 ft.

Y =
 473,352.01 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>
18499	11-23-46	11:46	1:10,000	None
500	"	11:47		
501	"	" 48		
502	"	" 49		
503	"	11:50		

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: 27 May to 3 July
1947

Field Edit by: *None*

date: _____

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

No date given

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

date: 9/26/47

" " " checked by: T.L. Janson

date: ²/_"

Control plotted by: George Smith

date: 10/5/47

Control checked by: Norman A. Cluff

date: 10/10/47

Radial Plot by: S. Blankenbaker, L. Gazik

date: 12/16/47

Detailed by: Roscoe J. French

date: 3-19-48

Reviewed in compilation office by: *L C Lande*

date: 3-48

~~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.

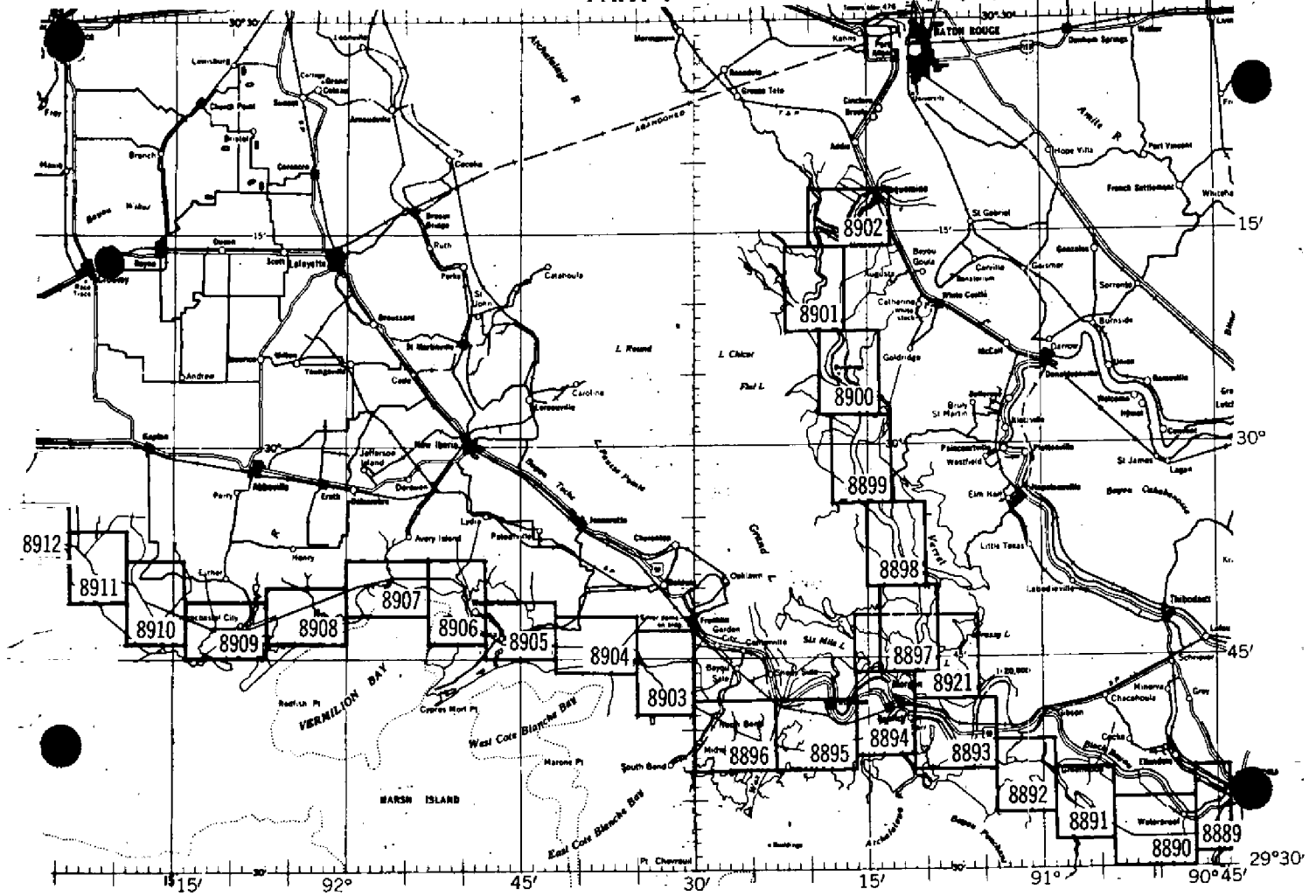
When entering names of personnel on this record give the surname and initials (not initials only).

Remarks: The radial plot report is included with the descriptive report for T-8897 filed in the Division of Photogrammetry.

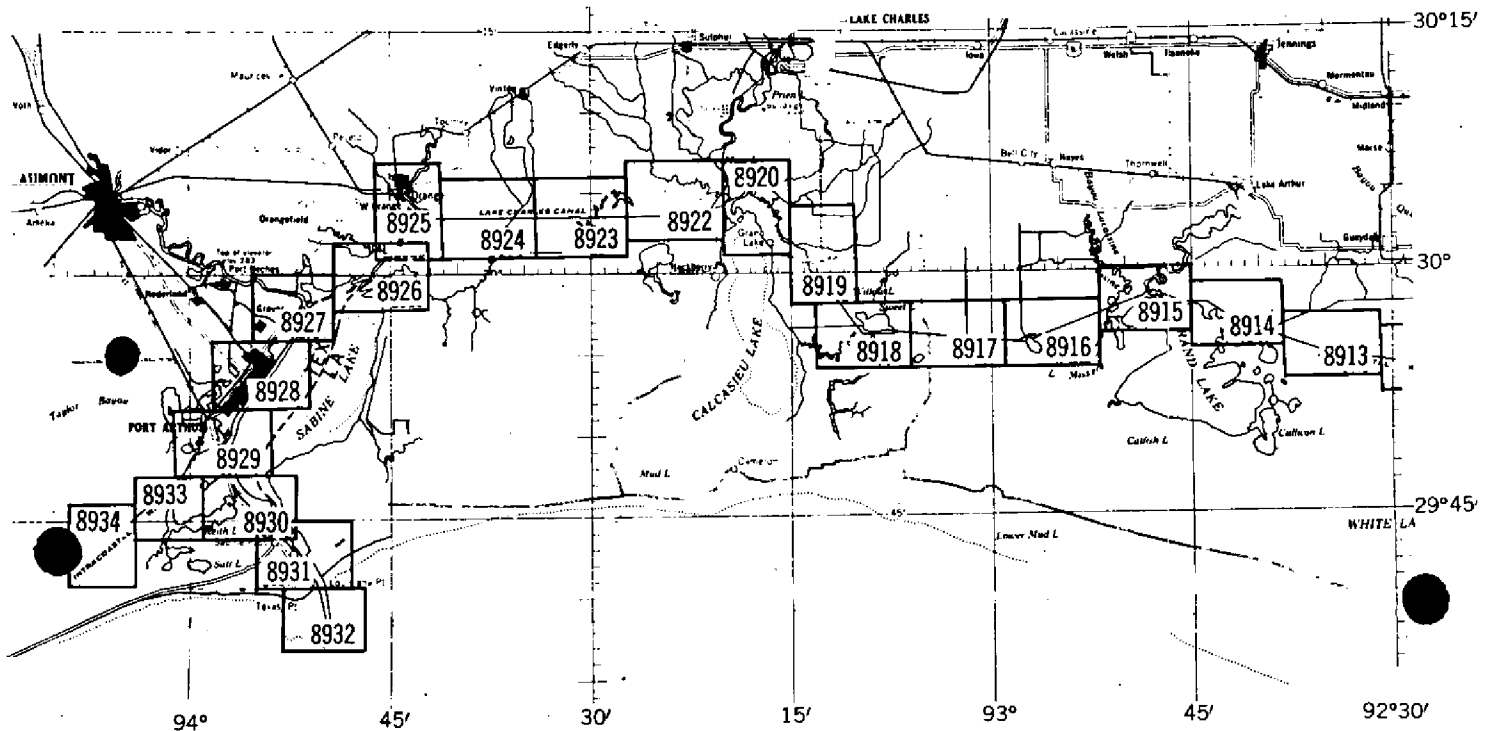
SHORELINE MAPPING PROJECT PH-14(46)

LOUISIANA - TEXAS, Intracoastal Waterway Houma - Port Arthur

PART 1



PART 2



Descriptive Report: T-8899

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

Location: Morgan City to Plaquemine - Old River to Chopin Chute

Scale: 1:10,000

This report is concerned with the eleventh of a series of shoreline sheets which cover the Intracoastal Waterway from Houma, Louisiana longitude 90°44' W. to Corpus Christi, Texas. It is the third of a series of six sheets which extend from Morgan City north to Plaquemine, Louisiana.

The 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 from Morgan City to Plaquemine will be at 1:50,000 scale.

The field party located the MHW line and other pertinent detail by photogrammetric methods by identifying ~~it~~ ^{them} on the photographs for compilation in this office.

The field work was accomplished by Lt. Comdr. Ross A. Gilmore, Chief of Party.

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

~~This~~ ^{T-8899} T sheet is filed in the Division of Photogrammetry and L. 533(1947) is filed in the Nautical Chart Branch.

No additional 1947 planetable work was furnished for this sheet.

Compilation Report

26. & 27. The control and radial plot for this sheet is discussed in the radial plot report for T-8897 filed in the Division of Photogrammetry.

28. The instructions for this project requested the field party to do a minimum of shoreline inspection and to stick close to the main channel and identify fixed aids to navigation and landmarks affecting the waterway. Detailing has gone beyond these limits in order to furnish the source for a 1:50,000 scale chart. Since there is but one flight of nine-lens pictures following the main waterway to Plaquemine, the shoreline is somewhat obscure in the outlying areas on the photographs due to the overhang of high trees which is characteristic of this area. The alternate route which courses through Bay Natchez, thence northward through Lake Natchez Pass, could not be shown in its entirety due to the limits of the photographs at the 1:10,000 scale. A junction with the MRC quad Napoleonville, 1:62,500 scale, will have to resolve the continuity in this area as there is not photo coverage available in this office.

The shoreline shown in red ink on the west side is pretty far out on the photos where excessive overhang has obscured the detail. It is believed to be in good enough position for 1:50,000 scale compilation. The grass ~~is~~ water symbol, wherever shown on this sheet, is used to represent hyacinth growth where it tends to persist in protected areas away from wind action. Hyacinth for the most part is floating, and is dependent on the prevailing winds whether it changes in position and outline. The shoreline along the waterway and the bayous has cypress tree growth alongside and often extending into the water a few meters. The estimated outside tree line has been shown with a light line and is for all practical purposes the shoreline.

Field inspection for a row of piling at the mouth of Pierre Bay where it leaves Lake Verret, just off the limits of this sheet, can be found on field inspection nine-lens photograph 18499, filed in the Division of Photogrammetry.

The photographs were close to manuscript scale and the shoreline was field inspected in the critical areas. However, most of the shoreline was delineated with the aid of the stereoscope and is believed to be in good position for charting.

29. No planetable graphic control surveys are available for this sheet and only the U.S.E.D. quads were used to help interpret the photographs.

apparent shoreline
30. The ~~MHW~~ line and the tree line have assumed the same importance on this sheet and has been shown with a light line. For the most part it has been determined by stereoscopic examination. The tide here is insignificant; however, the seasonal rains cause fluctuations in the Spring and Fall mostly. *(The cypress swamp limits were detailed by Francis Parsons. 1/16/48)*

34. There are no landmarks or aids to navigation on this sheet.

44. Comparison with existing MRC topographic quadrangles Napoleonville, Foster, White Castle, and Chicot Lake, 1:62,500 scale, show the sheet to be in good agreement except for the completion of the East Atchafalaya Basin Protection Levee and the waterway route which is the borrow pit for the levee. Old River is cut off where it crossed the levee and is diverted to other channels. The junction of Bayou Natchez with Big Godded Bayou was difficult ~~of~~ ^{to} interpretation.

45. Comparison with nautical chart 1050 shows the same topographic changes to be made as are discussed in the preceding heading 44.

This map manuscript should supersede charted information as it adequately portrays all topographic details incident to compilation of a new chart.

Submitted and checked by:

R. J. French
R. J. French

Approved by:

L. C. Lande
L. C. Lande

Date: March 19, 1948

GEOGRAPHIC NAMES

Survey No. T-8899

Shoreline

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	
Big Goddel Bayou	—							USGB	1
Little Goddel Bayou	—								2
Population Bend	—								3
Chopin Chute	—								4
Old River	—								5
Intracoastal Waterway	—							USGB	6
Intracoastal Waterway (Alternate Route)	—							"	7
Bayou Long	—								8
Bayou Grosbec	—								9
Bayou Postillion	—								10
Bayou Calist	—								11
Pierre ^{Part} Ross	—								12
Bay Natchez	—								13
Stringer Bayou	—								14
East Atchafalaya Basin Protection Levee	—								15
Bayou Natchez	—								16
Bayou Mallet	—								17
Bayou Fourche	—								18
State No. 170	—								19
									20
									21
									22
									23
									24
									25
									26
									27

Names underlined
in red are approved
3/3/49 L. Heck

Division of Photogrammetry
Review Report of
Shoreline Map Manuscript T-8899

Subject numbers not used in this 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 with blue ink.

44 Comparison with Existing Topographic Quadrangles

Quadrangles

USE Napoleonville, La.	1:62,500	1935
USE Foster, La.	1:62,500	1935
USE Chicot Lake, La.	1:62,500	1935
USE 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
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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
3/29/49

APPROVED BY:

L. V. Griffith
Chief, Review Section

H. Edmonson
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading
Chief, Division of Photogrammetry

W. M. Seafie
Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. 8899

Record of Application to Charts

[illegible]

M.2168.1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.