

Diag. Cht. No. 1116-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE 'REPORT

Type of Survey SHORELINE (PHOTOGRALLMETRIC)

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

LOCALITY

State LOUISIANA

General locality INTRACOASTAL WATERNAY

Locality BAYOU PLAQUEMINE

194 7...

CHIEF OF PARTY
R. A. Gilmore

LIBRARY & ARCHIVES

DATE June 21,1951

B-1870-1 (1)



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):

Division Copy filed in Descriptive

Report No. T-Photogrammet. Office Files

Not dated

Completed survey received in office:

July 1947

Reported to Nautical Chart Section: July 1947

Reviewed: 3/16/49

Applied to chart No.

Date:

Redrafting Completed:

June 30, 1950

Registered: 4/27/5/

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° 191 08.100"

Adjusted Unaddinated.

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)

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

*Field and office photograph

Tide from (III):

Spring Range: Mean Range:

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

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

Chief of Party

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: date: E. H. Ramey 20 May 1948

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

Elevations on Field Edit Sheet checked by:--

date:

STATISTICS (III)

Iand 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:

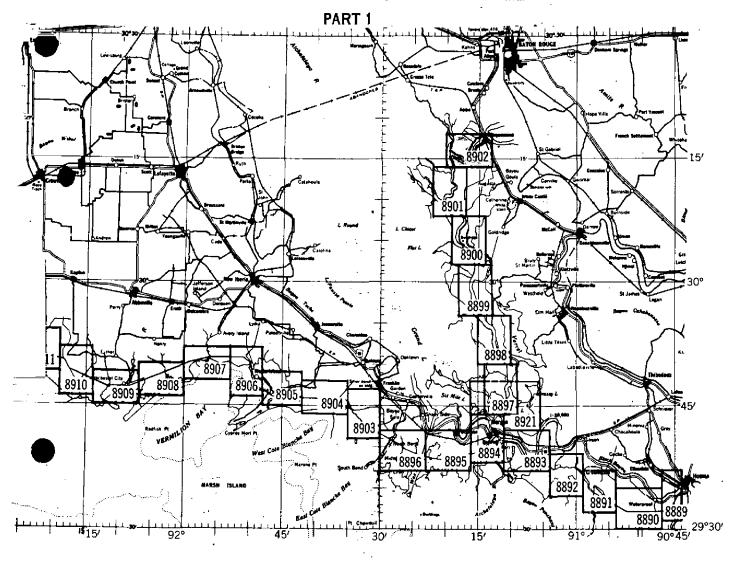
Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

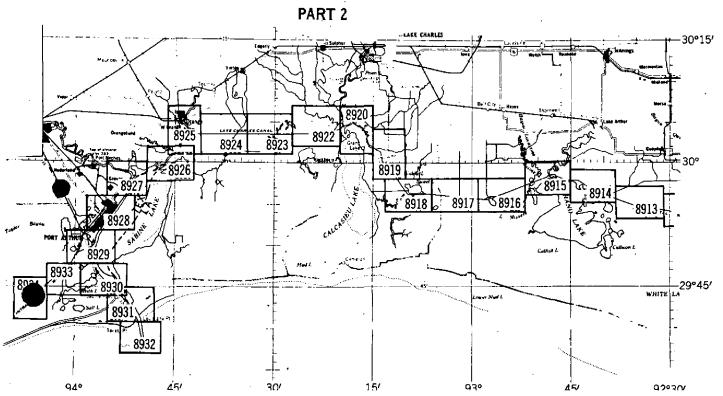
When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

SHURLLINE MAPPING PROJECT PH-14(46)

LOUISIANA - TEXAS, Intracoastal Waterway Houma - Port Arthur





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°44'W. to Corpus Christi, Texas, longitude 97°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.

26. <u>Control</u> and <u>Radial Plot</u>.-

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 over-hanging 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 detail red area and does not appear on this manuscript. Positions are given in this report. There are no landmarks in the area. Form 567 affached

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, narrowgage 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:

Reviewed by: RJ. French, Photogrammetrist

Everett M. Ramey 9 June 1998 E.H. Ramey, Photogrammetrist

Approved by:

SBWilley for L. C. Lande

April 1945

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I recommend that the following objects which have (Automore) been inspected from seaward to determine their value as landmarks be charted on (Actober 1987), the charts indicated. G. Bishop The positions given have been checked after listing by TANKER ADGRESSIVE (X.

R. A. Gilmore (Field) L. G. Lande (Office)

AFFECTED Chief of Party. 1050 198 10/20030110 Ŋ H × TRAND SECHANT Ħ HARBOR CHART LOCATION 1947 DATE June . METHOD OF LOCATION AND SURVEY No. Comp. Photo . DATUM 1881 M 8 . * D. P. METERS 3 1581 104 722 LONGITUDE * H 7 81 18 POSITION ಕ d 16 ø D. M. METERS 1285 888 1977 1607 LATITUDE 4T 98 **22** 13 # 81 88 0 8 SIGNAL DESCRIPTION Melodean Point Plaquemine. Reliance Pecan Lt. 209.1 Lt. 208.5 Lt. 208.4 Lt. 207.5 CHARTING NAME STATE

Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating	ed on this form. The data should be considered for the charts of the area and not by	1651896-1 U. B. GOVERNMENT PRINTING OFFICE
with	aids to navigation, if redetermined, shall be reported on this form. The data should be c	individual field survey sheets. Information under each column heading should be given.

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These positions can also be

Mautical Chart Branch.

Reshington Office

May 1948) May 1948 May 1948)

322

R. H. Ramey
R. J. Franch
R. J. Franch

Ohe aked by:

Scaled by:

Plotted by:

E. H. Carey

GEOGRAPHIC NAMES Survey No. T-8902		/.	One en	diagra	\ & .&	Mags	, / sed	H. Hall	A ARTIS	
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Division of Photogrammetry Review Report of Shoreline Map Manuscript T-8902

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	Grosse Tete, La.	1:62,500	1940
USE	Baton Rouge, La.	1:62,500	1939
USE	Chicot Lake, La.	1:62,500	1935

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

45 Comparison with Nautical Charts

1:175,000

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

Reviewed by:

B. Thomas Hynson

Cartographer (Photo) 3/16/49

APPROVED BY:

Chief. Review Section

Chief, Nautical Chart Branch

Division of Charts

Chief, Division of photogrammetry

Chief, Div. of Coastal Surveys

DH.