8921

Diag. Cht. No. 1116-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey SHORELINE (PHOTOGRALTETRIC)

Field No. PH-11. (1.6) Office No. T-8921

LOCALITY

LOUISIANA

General locality INTRACOASTAL WATERWAY

Locality MORGAN CITY TO PLACUEMINE SIXMILE LAKE—LAKE PALOURDE

194 7

CHIEF OF PARTY

R. A. Gilmore

LIBRARY & ARCHIVES

DATE June 25, 1951

B-1870-1 (1



DATA RECORD

T- 8921

Quadrangle (II):

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

Field Office: Lake Charles, La. Chief of Party: Lt. Comdr. R. A. Gilmore

Compilation Office: Wash., D. C. Chief of Party: L. C. Lande Division of Photogrammetry
Graphic Compilation Section.

Office file

Instructions dated (II III): Undated

Office files, Division of Copy filed in Doscriptivo-Photogrammetry Report No. T- (VI)

Completed survey received in office: 4/23/48

Reported to Nautical Chart Section: 4/23/48

Reviewed: 1/10/49 Applied to chart No.880+88 | Date: Dec 1948

Redrafting Completed:

Registered: 5/1/5/

Published:

Compilation Scale: 1:20,000

Published Scale:

Scale Factor (III): 1.0

Geographic Datum (III): N.A. 127 Datum Plane (III):

MHW

Reference Station (III):

Lat.:

Long .:

Adjusted Unad justed

No C&GS station (USE only)

State Plane Coordinates (VI):

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
21402 21403 21404 21405	12-2-47	13:11 13:12 13:13 13:14	1:20,000	

Tide from (III):

Mean Range:

Spring Range:

Camera: (Kind or source) Nine-lens

Field Inspection by: Lt. Comdr. R. A. Gilmore

date: 5/27/47, 7/3/47

Field Edit by: None

date: ---

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

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

date: Eeb. 1948

" checked by: T.L.J.

date: Feb. 1948

Control plotted by: L.M. Gazik

date:

Control checked by: R.J. French

date: II I

Radial Plot by: L. M. Gazik

date: "

Detailed by: L. M. Gazik

date: Märch 1948

Reviewed in compilation office by: Rat French

date: March 1948

Elevations on Field Edit Shoot 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:

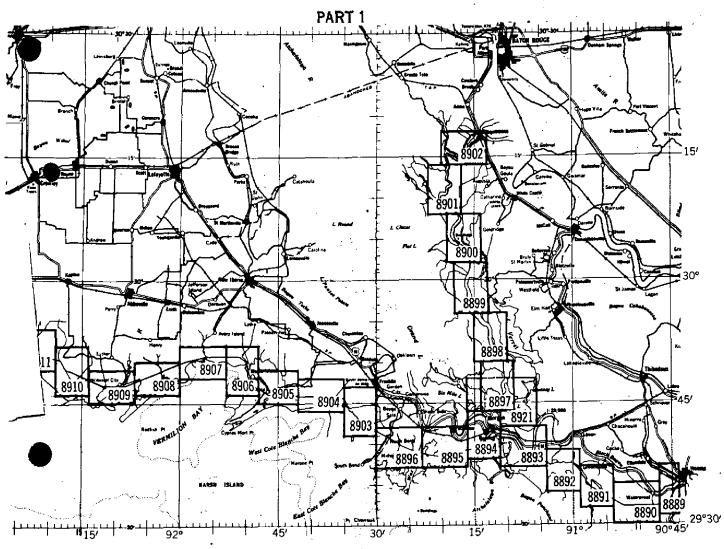
Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

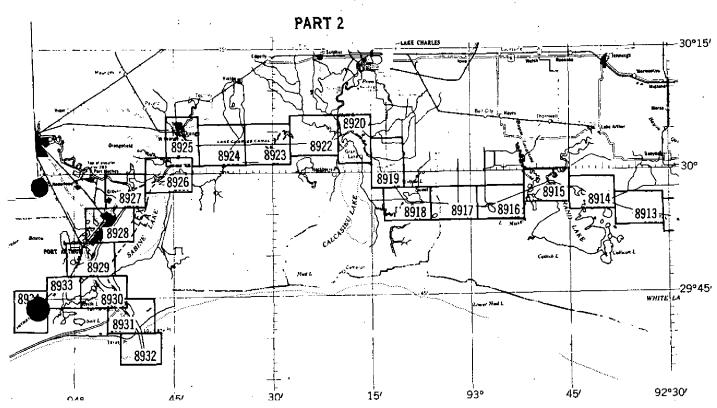
When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

SHURLLINE MAPPING PROJECT PH-14(46)

LOUISIANA - TEXAS, Intracoastal Waterway Houma - Port Arthur





DESCRIPTIVE REPORT: T-8921

PROJECT: Ph-14(46) Intracoastal Waterway, La.

LOCATION: Six Mile Lake Lake Palourde

SCALE: 1:20,000

This report covers as much of the INTRACOASTAL ALTERNATE ROUTE that was not included in T-8894, T-8893 and T-8897 in the vicinity of MORGAN CITY.

There was no field inspection for these photographs at 1:20,000.

The Compilation Report includes the pertinent field notes from the field photographs (1:10,000) and instructions from Special Report L 533 (1947), Houma, La. to Vermilion Bay, La.

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

No additional 1947 planetable work was furnished for this sheet.

The 1:20,000 photographs used to compile this sheet were taken after Bayou Milhomme was dredged for the alternate route of the waterway. They have some changes over the 1:10,000 photographs which were flown earlier, in 1946.

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COMPILATION REPORT T-8921

- 26. Control. This information is included in the Radial Plot report immediately following.
- 27. Radial Plot. One continuous plot of four (4) transparent acetate templates, made from as many photographs, was laid to tie in with control listed below and all the pass points of the radial plots T-8897, T-8894, and T-8893 that were common to this area. Sae radial plot reports for T-8894 and T-8897.

PBM 51, (U.S.E.), 1917
PBM 52, (U.S.E.), 1917
MORGAN, 1931
BERWICK CATHOLIC CHURCH CROSS, 1931
MORGAN CITY, MUNICIPAL TANK, 1931
MORGAN CITY, GULF CRUSHING CO., STEEL DERRICK, 1931
TOPO STATION "FOOTINGS" with geographic position of TEXAS Oil Co., SHOOKMILL W.T., 1931

The radial plot was laid to cover the Alternate Route from BAYOU LONG to BAYOU BOEUF not covered by 1:10,000 photos and the adjacent manuscript.

Pass points in blue have 3 or more cuts while those in green have only 2.

28. Detailing. - The photographs for this area were close to scale and the compilation was accomplished without the use of the projector. No field inspection was available for these photographs.

Overhanging trees and lack of fast land between the lakes and swamp areas made delineation of the shoreline difficult. The shoreline of the Alternate Route was devoid of overhanging trees and no difficulty was encountered in its delineation.

- At the entrance to BAYOU BOEUF from LAKE PALOURDE the area in red acetate ink was compiled from Corps of Engineers, Dredging Plan File No. J-17-15568, due to clouds in photographs No. 21402 and 21403.
- 29. Supplemental Data. T-6298 at 1:10,000 (1934) includes control in the MORGAN CITY area and covers an area in the southwestern part of the manuscript that was not compiled.
- 30. Mean High-Water Line. The line was delineated by office interpretation with the difficulty mentioned in 28. "Detailing."
- 34. Landmarks and Aids to Navigation. Form 567 with geographic position for Bayou Boutte Light determined by radial plot accompanies this report. No landmarks fall within the detailed area of the manuscript.

COMPILATION REPORT T-8921 Page 2.

Belle Isle Quads, Corps of Engineers at 1:62,500 (1935) and a Corps of Engineers dredging plan, mentioned above in 28. "Detailing", were consulted. The two waterway routes between MORGAN CITY and PLAQUEMINE were not constructed at the time of the publication of these quads.

45. Comparison with Nautical Charts. - The differences between the scales of the manuscript (1:20,000) and Chart #1050 (1:175,000) were too great to make any detailed comparison. This manuscript includes the INTRACOASTAL WATERWAY ALTERNATE ROUTE paralleling the eastern shore of LAKE PALOURDE as compiled from 1947 photography.

This manuscript adequately portrays all topographic detail in the area and should supersede the charted information.

Submitted by: L. M. Gazik

Checked by: Poscoe J. French

Date:

March 23, 1948

APPROVED by: Lc Laule

DEPARTMENT OF COMMERCE U. S. COAST AND

FODETIC SURVEY

NONFLOATING AIDS OR MEMBERS FOR CHARTS

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

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March 22

Washington, D. C.

L. Bartin Gesik The positions given have been checked after listing by

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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.

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Division of Photogrammetry Review Report of Shoreline Map Manuscript T-8921

26 Control

The U.S. Coast and Geodetic Survey triangulation station Palourde, 1931, has been added to the map manuscript.

28 Detailing

The original compilation was adequate except for minor additions and corrections made by the reviewer. These changes have been shown in blue ink.

29 Supplemental Data

The Corps of Engineers Dredging Plan, File No. J-17-15568/1 is filed in the Division of Photogrammetry general files.

44 Comparison with Existing Topographic Quadrangles

A- Quadrangles

Belle Isle, La. U. S. E. 1:62,500 U.S.E. Morgan City, La. 1:62,500 1935 Napoleonville, La. U.S.E. 1:62,500 1935 U.S.E. Foster, La. 1:62,500

B- Topographic Surveys T-6298 1:10,000 1934 Refer to item 29 Compilation Report.

There are no contemporary hydrographic surveys.

45 Comparison with Nautical Charts

1050 1:175,000 1939-1948	
There are no significant differe	nces between this man
1050 1:175,000 1939-1948 There are no significant differe Reviewed by: Series of Introcousted War B. J. Hymron	sleen applied to the place new
pedition of tept. 1949	terway charts, 880 7881,
B. J. Hynxon	4-13451 Ky m
B. Thomas Hydson 1/10/49 1/11.	

Approved by:

Chief, Division of Photogrammetry Chief, Division of

, Nautical Chart Branch

Division of Charts

NAUTICAL CHARTS BRANCH

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Record of Application to Charts

CHART	CARTOGRAPHER	REMARKS
880	Helmer	-Before After Verification and Review
881	H.Kulen	Before After Verification and Review
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