U.S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey: SHORELINE (PHOTOGRALASSIC)

Field No.: PH-14 (16)  Office No.: T-8921

LOCALITY

State: LOUISIANA

General locality: INTRACOASTAL WATERWAY

Locality: MORGAN CITY TO PLAQUEMINE
SIXMILE LAKE—LAKE PALOURDE

1947
CHIEF OF PARTY
R. A. Gilmore

LIBRARY & ARCHIVES

DATE: June 25, 1951
DATA RECORD
T- 8921

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


Instructions dated (II III): Office files, Division of

Undated Copy filed in Descriptive Photogrammetry

Report No. T-- (VI)

Completed survey received in office: 4/23/48

Reported to Nautical Chart Section: 4/23/48 7/7/49 + 5/5/49

Reviewed: 1/10/49 Applied to chart No. 880-88 | Date: Dec 1949

Redrafting Completed:

Registered: 5/1/51 Published: —

Compilation Scale: 1:20,000 Published Scale: —

Scale Factor (III): 1.0

Geographic Datum (III): N.A. '27 Datum Plane (III): MHW

Reference Station (III):
Lat.: Long.: Adjusted
No C&GS station (USE only) Unadjusted

State Plane Coordinates (VI):

X = Y =

Military Grid Zone (VI)
## PHOTOGRAFS (III)

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### 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: Feb. 1948
- " " " checked by: T.L.J.
  - date: Feb. 1948

### Control plotted by: L.M. Gazik
  - date: " "

### Control checked by: R.J. French
  - date: " 

### Radial Plot by: L. M. Gazik
  - date: " 

### Detailed by: L. M. Gazik
  - date: March 1948

### Reviewed in compilation office by: R.J. French
  - date: March, 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:
DESCRIPTIVE REPORT: T-8921


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 sheet 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.
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. See 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., SHOCKMILL 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."

31. **Landmarks and Aids to Navigation.** - Form 567 with geographic position for Bayou Route Light determined by radial plot accompanies this report. No landmarks fall within the detailed area of the manuscript.
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: R. J. French

Date: March 23, 1948

APPROVED by: L. C. Lande
Washington, D. C. March 22, 1948

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

The positions given have been checked after listing by L. Martin Gasik

L. G. Lande
Chief of Party.

<table>
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<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>DATE OF LOCATION</th>
<th>CHARTS AFFECTED</th>
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<td>390. 91 15</td>
<td>WA-3927 Comp. T-8921</td>
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This position can also be found on Page 6 of the Special Report L. 533(1947) filed in N.C. Branch. (No field inspection was given for this light).

Plotted by: L. M. Gasik
Checked by: E. H. Ramsey
Washington, D. C. Office

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.
<table>
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<tr>
<th>Name on Survey</th>
<th>A</th>
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M 234
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

<table>
<thead>
<tr>
<th>U.S.E.</th>
<th>Belle Isle, La.</th>
<th>1:62,500</th>
<th>1940</th>
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<td>U.S.E.</td>
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<td>1935</td>
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<td>Foster, La.</td>
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<td>1935</td>
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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 differences between this map and the chart. This map has been applied to the new

Reviewed by: Series of Intercostal Waterway Charts 880-881, 847, 841

B. Thomas Hynson 1/10/49 WM

Approved by:

Chief, Review Section 2d. m.

Chief, Division of Photogrammetry

Chief, Division of Coastal Surveys
<table>
<thead>
<tr>
<th>DATE</th>
<th>CHART</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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<td>881</td>
<td>H. Kuhn</td>
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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.