U.S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey
Photogrammetric Shoreline

Field No. Office No. Project No. T-8904 PH-14(46)

LOCALITY
State
Louisiana

General locality
Gulf Coast Intracoastal Waterway

Locality
Mud Lake to Cote Blanche Island

1947

CHIEF OF PARTY
Ross A. Gilmore, Chief of Field Party
Thos. B. Reed, Balt. Photo. Office

LIBRARY & ARCHIVES
DATE
February 16, 1949
DATA RECORD

T-8904 (Shoreline)

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

Field Office: Chief of Party: R.A. Gilmore
Morgan City, Louisiana

Compilation Office: Chief of Party: T.B. Reed
Baltimore, Md.

Instructions dated (II): Copy filed in Descriptive
not dated Report No. T- (VI)

Completed survey received in office: 7/22/48

Reported to Nautical Chart Section: 7/29/48

Reviewed: 12/29/48 Applied to chart No. 882 Date: Oct 1948

Redrafting Completed: June 22, 1950

Registered: 1/14/49 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): JAWS, 1933

Lat.: Long.: Adjusted
29° 44' 45.310" (1395.1m) 91° 37' 22.695" (609.8m) Head#2803k

State Plane Coordinates (VI): South Zone

X = 1,908,085.19 Y = 392,580.32

Military Grid Zone (VI)
<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
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</thead>
<tbody>
<tr>
<td>18550</td>
<td>11/23/46</td>
<td>1347</td>
<td>1:10,000</td>
<td>0.1' below MLW</td>
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<tr>
<td></td>
<td>18552 to</td>
<td>1356</td>
<td>1:10,000</td>
<td>0.1' below MLW</td>
</tr>
<tr>
<td>18555 incl.</td>
<td>11/23/46</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tide from (III): Predicted Tide Tables, Atlantic Ocean, 1946. Reference Station Galveston Texas, with corrections to Cote Blanche, West Cote Blanche Bay.

Mean Range: 1/0' -

Spring Range: 1.4'

Camera: U.S.C & G.S. nine lens camera, 8½ focal length

Field Inspection by: John S. Howell, Irving Zirpel, date: July 1 to 8, 1947

Field Edit by: date:

Date of Mean High-Water Line Location (III): Same as date of photographs supplemented by field inspection

Projection and Grids ruled by (III): WEN

" " " checked by: WEN

Control plotted by: FAP

Control checked by: N.A.CLUFF

Radial Plot by: R.J. FRENCH

Detailed by: M.F. KIRK

Reviewed in compilation office by: J.W. Vonasek date: 7/9 to 7/14/48

Elevations on Field Edit Sheet checked by: date:
STATISTICS (III)

Land Area (Sq. Statute Miles): 25

Shoreline (More than 200 meters to opposite shore): 14 statute miles

Shoreline (Less than 200 meters to opposite shore): 31 statute miles

Number of Recoverable Topographic Stations established: none

Photo Hydro

Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contour) - 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:
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR $y$-COORDINATE</th>
<th>LONGITUDE OR $x$-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>N.A. 1927 - DATUM</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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</thead>
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<td>FORWARD (BACK)</td>
<td></td>
<td>FORWARD (BACK)</td>
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<tr>
<td>JAWS, 1933</td>
<td>10</td>
<td>N.A. 1927</td>
<td>29</td>
<td>44</td>
<td>45.310</td>
<td>Held</td>
<td>1395.1 452.3</td>
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<td>91</td>
<td>37</td>
<td>22.695</td>
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<td>609.8 1002.4</td>
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<tr>
<td>A 4027(L.A.G.S.)</td>
<td>1936</td>
<td>Jeanerette</td>
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<td>47</td>
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<td>275.7 1571.7</td>
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<td>155.0 1456.6</td>
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<td>A 4028</td>
<td>(L.A.G.S.) 1936</td>
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<td>04.769</td>
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<td>38.844</td>
<td>104.3 568.3</td>
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<td>A 4030</td>
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<td>Jeanerette</td>
<td>29</td>
<td>47</td>
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<td>804.2 1043.2</td>
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<td>112</td>
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<td>40</td>
<td>09.878</td>
<td>265.3 1346.2</td>
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<td>SUB. STA. A 4028</td>
<td>(L.A.G.S.) 1936</td>
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<td></td>
<td></td>
<td></td>
<td>Held</td>
<td>Plotted by Washington Office by protractor</td>
</tr>
</tbody>
</table>

1 FT. = 3048006 METER
COMPUTED BY: G.B. Willey DATE: 3/29/48
CHECKED BY: R.J. French DATE: 5/48
FIELD REPORT

SHORELINE MANUSCRIPT, SURVEY NO. T-8904

For field data covering Survey No. T-8904 refer to the special field report, L-533 Houma, La., to Vermilion Bay, 1947, filed in the Nautical Chart Branch.
This manuscript is one of a series of surveys in Project NO. PH-14 (46) and covers a narrow strip of land along the Gulf Intracoastal Waterway from Houma, Louisiana to Corpus Christi Bay, Texas. This project was undertaken to furnish the necessary data to prepare a new series of inland waterway charts at 1:40,000 scale.

Compilation Instructions were not furnished for this project.

26. **CONTROL**

This manuscript was received from the Washington Office with the control plotted thereon.

A list of the stations is included in this report on Form No. M-2388-12.

27. **RADIAL PLOT**

The radial plot for this survey was made in the Washington Office. Refer to the radial plot report covering Surveys Nos. T-8903 through T-8909 through T-8909, by Roscoe J. French, dated 6 June 1948.

28. **DELINEATION**

The compilation is in accordance with Photogrammetry Instructions No. 17, dated September 15, 1947.

Some difficulty was encountered in determining limits of swamp, marsh, and the course of streams covered by trees. These features were not identified by the field party but were delineated after careful stereoscopic examination of the photographs.

30. **MEAN HIGH WATER LINE**

The mean tide range in the area covered by this manuscript is about one foot thereby making the MHWL and the MLWL for all practical purposes one and the same. The field party indicated the shoreline with the note "draw shoreline as viewed". This was done after stereoscopic examination of the photographs.

31. **MEAN LOW WATER LINE**

See Mean High Water Line.
32. DETAILS OFFSHORE FROM THE MEAN HIGH WATER LINE

Delineated in accordance with the field identification. In the area of this survey there are several hyacinth booms which were symbolized by a straight line.

33. WHARVES AND SHORELINE STRUCTURES

Delineated in accordance with field identification.

34. LANDMARKS AND AIDS TO NAVIGATION

The manuscript was received from the Washington Office with the aids to navigation plotted thereon.

The radially plotted position of The Jaws Entrance Light is reported on Form No. 567. The washable blue ink circle indicates another position of the light which is believed to have been transferred from graphic control sheet T-6178. The position of the buoys could not be verified. The buoys were located by sextant fixes and plotted in position on the field photograph and delineated on the manuscript in the Washington Office.

There are no landmarks in the area of this survey.

See form No. 567 attached to this report.

35. HYDROGRAPHIC CONTROL

None.

36. LANDING AREAS AND AERONAUTICAL AIDS

None.

38. GEOGRAPHIC NAMES

Geographic names were taken from the final name sheet, furnished this office, dated 4/7/48. A list of geographic names is attached to this report.

39. JUNCTIONS

This survey is bounded by the project limits to the north and south; Survey No. T-8903 to the east, and Survey No. T-8905 to the west. Survey No. T-8903 was compiled in the Washington Office and its junction with this survey was indicated on this manuscript for the compiler. One discrepancy was found in joining with this junction. It indicated a ditch or stream adjacent and parallel to the east bank of Charenton Canal. Careful
39. JUNCTIONS (Continued)

stereoscopic inspection was made of the photographs but the existence of such a ditch or stream could not be verified. Junction was made with T-8905 in this office.

No ditch.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

This sheet was compared with Corps of Engineers, Louisiana Jeanerette Quadrangle, scale 1:62,500, and found to be in fair agreement.

45. COMPARISON WITH NAUTICAL CHARTS

Due to the great difference in scale between this survey (scale 1:10,000) and nautical charts Nos. 1051 and 1116 (scale 1:175,000 and 1:458,596, respectively) a minute comparison could not be made.

The following topographic information shown on T-8904 is of sufficient importance to warrant immediate application to the chart:

None.

The following topographic details above the plane of MHW are not shown on this manuscript but are believed to still exist and should be carried forward on the chart:

None.

Minor changes in cultural and shoreline details need no special discussion except that areas of high ground are less extensive on the manuscript than they appear on chart No. 1051.

Respectfully submitted:
9 July 1948

Topographic Engineer

Harry R. Rudolph

Supervisor

Couch W. Comstock
Photogrammetric Engineer
Photogrammetric Office Reviewer

Approved and forwarded
20 July 1948

Officer in Charge
Baltimore Photogrammetric Office
Baltimore, Maryland 14 July 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

Joseph W. Vöseck

Chief of Party

<table>
<thead>
<tr>
<th>STATE</th>
<th>LOUISIANA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>---------</td>
<td>-----------</td>
</tr>
<tr>
<td></td>
<td>THE JAWS ENTRANCE LIGHT No. 1</td>
</tr>
<tr>
<td></td>
<td>MUD LAKE LIGHT No. 10</td>
</tr>
</tbody>
</table>

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.
TO BE DELETED

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

Joseph W. Vonasek

Thos. E. Reed

Chief of Party

<table>
<thead>
<tr>
<th>State</th>
<th>LOUISIANA</th>
<th>Charting Name</th>
<th>Description</th>
<th>Signal Name</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Datum</th>
<th>Method of Location and Survey</th>
<th>Date of Location</th>
<th>Chart Affected</th>
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<tr>
<td></td>
<td></td>
<td>S 5A</td>
<td>BUOY 5A</td>
<td></td>
<td>29 44</td>
<td>1397</td>
<td>91 35</td>
<td>427 N.A. Sextant Fixes 1927</td>
<td>1947</td>
<td>X 1051</td>
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<tr>
<td></td>
<td></td>
<td>S 6</td>
<td>BUOY 6</td>
<td></td>
<td>29 44</td>
<td>1401</td>
<td>91 35</td>
<td>297 &quot;&quot;</td>
<td>&quot;&quot;</td>
<td>&quot;&quot; X 1116</td>
</tr>
</tbody>
</table>

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NOTES FOR
Nautical Chart Branch
HIDROGRAPHIC PARTIES

INTRACOASTAL WATERWAY

SHORELINE MANUSCRIPT, SURVEY T-8904

PROJECT PH - 14(46)

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Respectfully submitted
9 July 1948

Approved and forwarded
20 July 1948

Officer in Charge
Baltimore Photogrammetric Office
GEOGRAPHIC NAMES

Bayou
- Bay Bartholomew
- Bayou Gregorie
- Bayou Hugue
- Billy Bayou
- Charentin Canal
- Corner Bayou
- Cote Blanche Island
- Hackberry Lake
- Hog Bayou
- Intracoastal Waterway
- James Bayou
- Lower Island
- Mud Lake
- Onion Bayou
- Stump Bayou
- The Jaws
- West Cote Blanche Bay

Bayou Mascot

Names preceded by * are approved. 1-19-48. L. Heck
26. Control.—The Louisiana Geodetic Survey triangulation stations A-4023 and A-4030 have been deleted from the map manuscript because they have been destroyed.

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.

44. Comparison with Existing Topographic Quadrangles.—

a. Quadrangles
   USE: Belle Isle, La.  1:62,500  1937
   USE: Bayou Sale, La.  1:62,500  1937

b. Topographic Surveys
   T-6178  1:20,000  1934

There are no contemporary hydrographic surveys.

45. Comparison with Nautical Charts.—

1051  1:175,000  1941-1948

The map manuscript has been applied to chart 882, one of a new series, prior to review.

47. Adequacy of the Compilation.—Field inspection was generally adequate in the immediate vicinity of the Intracoastal Waterway. In the future, this same area will be covered by planimetric map manuscripts T-9014, T-9015, T-9017, T-9018, which should give more complete coverage.

Reviewed by:

[Signature]
E. Thomas Nyon
Cartographer (Photo)
12-29-48

APPENDIX D:

[Signature]
S. V. Griffith
Chief, Review Section

[Signature]
K. T. Adams
Chief, Div. of Photogrammetry

[Signature]
A. R. Edmonds
Chief, Nautical Chart Br.
Division of Charts

[Signature]
E. S. Brown
Chief, Div. of Coastal Surveys
NOTES FOR
HYDROGRAPHIC PARTIES
INTRACOASTAL WATERWAY
SHORELINE MANUSCRIPT, SURVEY T-8904
PROJECT PH - 14(46)

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9 July 1948

Topographic Engineer

Approved and forwarded
July 1948

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Baltimore Photogrammetric Office
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July 1948

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Baltimore Photogrammetric Office