

# 8904

diag'd on Diag. Ch. No-1116-2

Form 504

## U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

### DESCRIPTIVE REPORT

Type of Survey Photogrammetric Shoreline

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

#### LOCALITY

State Louisiana

General locality Gulf Coast Intracoastal Water-  
way

Locality Mud Lake to Cote Blanche Island

1947

#### CHIEF OF PARTY

Ross A. Gilmore, Chief of Field Party

Thos. B. Reed, Balto. Photo. Office

#### LIBRARY & ARCHIVES

DATE February 16, 1949

B-1870-1 (1)

# 8904



## DATA RECORD

T- 8904 (*Shoreline*)

Quadrangle (II):

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

Field Office:

Morgan City, Louisiana

Chief of Party:

R.A.Gilmore

Compilation Office:

Baltimore, Md.

Chief of Party:

T.B.Reed

Instructions dated (II III):  
not datedCopy filed in *Office Files Div of*  
~~Report No. T-~~ (VI) *Phygy*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: *1/19/49*

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)

~~Unadjusted~~State Plane Coordinates (VI): *South Zone*X = *1,408,085.19*Y = *392,580.32*

Military Grid Zone (VI)



PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u> 90th meridian	<u>Scale</u>	<u>Stage of Tide</u>
18550	11/23/46	1347	1:10,000	0.1' below MLW
18552 to 18555 incl.	11/23/46	1356	1:10,000	0.1' below MLW

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: (Kind or source)

U.S.C. & G.S. nine lens camera, 8 $\frac{1}{2}$  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) WEW

date: 3/31/48

" " " checked by: WEW

date: 3/31/48

Control plotted by: FAP

date: 4/5/48

Control checked by: N.A. CLUFF

date: 4/5/48

Radial Plot by: R.J. FRENCH

date: 6/8/48

Detailed by: M.F. KIRK

date: 6/10/48  
7/7/48

Reviewed in compilation office by:

date:

J.W. Vonasek

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 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:





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



## COMPILATION REPORT

### SHORELINE MANUSCRIPT - SURVEY NO. T-8904

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-8903~~ through T-8909, by Roscoe J. French, dated 8 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<sub>dashed</sub> 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. *Deleted*

There are no landmarks in the area of this survey.

See form No. 567 attached to this report.

35. HYDROGRAPHIC CONTROL

None.

36. LANDING FIELDS AND AERONAUTICAL AIDS

None

38. GEOGRAPHIC NAMES *814 ✓*

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

*M. F. Kirk*  
\_\_\_\_\_  
Topographic Engineer

*Harry R. Rudolph*  
\_\_\_\_\_  
Supervisor

*Joseph W. Donasek*  
\_\_\_\_\_  
Photogrammetric Engineer  
Photogrammetric Office Reviewer

Approved and forwarded  
20 July 1948

*Thos. B. Rand*  
\_\_\_\_\_  
Officer in Charge  
Baltimore Photogrammetric Office



DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEYNONFLOATING AIDS OR ~~OBSCURE~~ LANDMARKS FOR CHARTSTO BE CHARTED  
~~TO BE DELETED~~

STRIKE OUT ONE

Baltimore, Maryland 14 July 1948

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

The positions given have been checked after listing by

Joseph W. Vonasek

Chief of Party.

Thos. B. Reed

STATE	LOUISIANA			POSITION							METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE		LONGITUDE			DATUM							
						D. M. METERS	°	'		D. P. METERS						
CHARTING NAME	DESCRIPTION	SIGNAL NAME	°	'	D. M. METERS	°	'	D. P. METERS	DATUM							
	THE JAWS ENTRANCE LIGHT No. 1		29	44	879	91	37	541	N.A. 1927	Rad. Plot T-8904	1947	x			1051 1116	
	MUD LAKE LIGHT No. 10		29	45	725	91	36	164	"	Rad. Plot T-8904	1947	x			1051 1116	

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.



14 July 1948

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

The positions given have been checked after listing by

**Joseph W. Vonasek**

Thos. B. need

**Chief of Party:**

[illegible]

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

NOTES FOR  
*Nautical Chart Branch*  
~~HYDROGRAPHIC PARTIES~~

INTRACOASTAL WATERWAY

SHORELINE MANUSCRIPT, SURVEY T-8904

PROJECT PH - 14(46)

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

Approved and forwarded  
20 July 1948

  
\_\_\_\_\_  
Officer in Charge  
Baltimore Photogrammetric Office

GEOGRAPHIC NAMES

*Bayou*

- ~~Bay~~ Bartholomew ✓
- Bayou Gregorie ✓
- Bayou Huger ✓
- Billy Bayou ✓
  
- Charenton 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. 12/29/48. L. Heck



Division of Photogrammetry  
Review Report Of  
Shoreline Map Manuscript T-8904

26. Control.-The Louisiana Geodetic Survey triangulation stations A-4028 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

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:

B. Thomas Lynson  
B. Thomas Lynson  
Cartographer (Photo)  
12-29-48

APPROVED:

S. V. Griffith  
S. V. Griffith  
Chief, Review Section  
K. T. Adams  
Chief, Div. of Photogrammetry

H. C. Edmonson  
Chief, Nautical Chart Br.  
Division of Charts  
E. K. Green  
Chief, Div. of Coastal Surveys

NOTES FOR  
HYDROGRAPHIC PARTIES  
INTRACOASTAL WATERWAY  
SHORELINE MANUSCRIPT, SURVEY T-8904  
PROJECT PH - 14(46)

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Respectfully submitted  
9 July 1948

  
\_\_\_\_\_  
Topographic Engineer

Approved and forwarded  
July 1948

\_\_\_\_\_  
Officer in Charge  
Baltimore Photogrammetric Office

NOTES FOR  
HYDROGRAPHIC PARTIES  
INTRACOASTAL WATERWAY  
SHORELINE MANUSCRIPT, SURVEY T-8904  
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Topographic Engineer

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July 1948

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Officer in Charge  
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