

# 8922 E & D

Diag. Cht. No. 1116-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey Photogrammetric Shoreline  
T-8922 W/2  
Field No. \_\_\_\_\_ Office No. T-8922 E/2

### LOCALITY

State Louisiana  
General locality Gulf Coast Intracoastal Waterway  
Locality Vicinity of Choupique Cutoff

194 6-'47

### CHIEF OF PARTY

R.A.Gilmore, Chief of Field Party  
T.B.Reed, Balto. Photo. Office

### LIBRARY & ARCHIVES

DATE November 29, 1950

B-1870-1 (1)

# 8922

## DATA RECORD

T- 8922 *W/2**T8922 E/2*

Quadrangle (II):

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

Field Office:

Morgan City, Louisiana

Chief of Party:

R.A. Gilmore

Compilation Office:

Baltimore, Maryland

Chief of Party:

T.B. Reed

Instructions dated (II III):

PH 14 (46) Field (no date)

Copy filed in Descriptive  
Report No. ~~II~~ ~~(VI)~~*Div. of Photogrammetry  
Office Files*

Completed survey received in office:

*11-2-48*

Reported to Nautical Chart Section:

Reviewed: *8/8/49*Applied to chart No. *884*Date: *9/27/50*Redrafting Completed: *5-2-50*Registered: *9-29-50*Published: *—*

Compilation Scale: 1:10,000

Published Scale: *—*

Scale Factor (III): 1.000

Geographic Datum (III): N.A. 1927

Datum Plane (III): *LHW*

Reference Station (III): BANK, 1933

Lat.: 30° 03' 31.175" (959.9m)

Long.: 93° 23' 59.457" (1592.6m)

Adjusted

~~Unadjusted~~State Plane Coordinates (VI): *La, South*

X =

Y =

~~Military Grid Zone (VI)~~

*This map was compiled over size  
and has been printed in 2 sections  
T8922 <sup>East</sup> half and T8922 West half. *By**

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	90th meridian <u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
18638	11-23-46	1551	1:10,000	
18639	11-23-46	1552	1:10,000	
18640 *	11-23-46	1556	1:10,000	not applicable
18641 *	11-23-46	1557	1:10,000	
18642*	11-23-46	1558	1:10,000	
18643 *	11-23-46	1559	1:10,000	

\* Field and Office Photographs

Tide from (III): —

Mean Range: — Spring Range: —

Camera: (Kind or source)  
U.S.C. & G.S. Nine lens camera, 8 1/4" focal length

Field Inspection by: Harold A. Duffy, C. H. Bishop, J. S. Howell date: 5 July to 26 Sept. 1947

Field Edit by: None date:

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

Projection and Grids ruled by (III) W.E.W. date: 9-14-48

" " " checked by: W.E.W. date: 9-14-48

Control plotted by: J.C. Richter date: 9-24-48

Control checked by: F.J. Tarcza date: 9-27-48

Radial Plot by: F.J. Tarcza date: 9-30-48

Detailed by: J. C. Richter date: 10/12-10/26/48

Reviewed in compilation office by: J.W. Vonasek date: 10/27 - 10/29/48

~~Elevations on Field Edit Sheet~~  
~~checked by:~~ date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 8

Shoreline (More than 200 meters to opposite shore): 0.8 statute miles

Shoreline (Less than 200 meters to opposite shore): 29.8 statute miles

Number of Recoverable Topographic Stations established: one

Number of <sup>photo hydro</sup> ~~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:



MAP T. 8922

PROJECT NO. PH-14(46)

SCALE OF MAP 1:10,000

SCALE FACTOR None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\nu$ -COORDINATE LONGITUDE OR $x$ -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			FORWARD	(BACK)			FORWARD	(BACK)	
✓ CALCASIEU, 1931	Louisiana Pg. 31	N.A. 1927	30 02	38.813			1195.1	652.4	
✓ BANK, 1933	G-1696 Pg. 45	"	30 03	31.175			482.6	1124.8	
<del>SUB. PT. BANK</del>		"	30 03	59.457			959.9	887.6	
BM M 6 (USE) 1932		"	93 23				1592.6	14.6	
TT 30 B, 1932 (USGS)		"	<del>30 03</del>				<del>945.1</del>	<del>902.4</del>	<del>Removed</del>
TT 143 LS (USGS) 1932	G 1537 Pg 18	"	93 23	31.222			1577.5	29.7	from manuscript
TT 30 B, 1932 (USGS)	Bayou Choupique Quad P. A. 21	"	30 03	43.617			961.4	886.1	
TT 144 LS (USGS) 1932	Bayou Choupique Quad P. A. 24	"	93 21	25.26			1168.3	438.9	
TT 144 LS (USGS) 1932	Bayou Choupique Quad P. A. 24	"	30 05	02.06			777.8	1069.7	
TT 144 LS (USGS) 1932	Bayou Choupique Quad P. A. 24	"	93 23	10.75			55.2	1551.5	
TT 144 LS (USGS) 1932	Bayou Choupique Quad P. A. 24	"	30 06	32.63			331.0	1516.5	
TT 144 LS (USGS) 1932	Bayou Choupique Quad P. A. 24	"	93 21	49.46			873.6	732.8	
TT 144 LS (USGS) 1932	Bayou Choupique Quad P. A. 24	"	30 03	05.15			1523.0	324.5	
TT 144 LS (USGS) 1932	Bayou Choupique Quad P. A. 24	"	93 21	31.815			137.9	1469.2	
TT 144 LS (USGS) 1932	Bayou Choupique Quad P. A. 24	"	30 03	13.719			979.6	867.9	Not recovered,
TT 144 LS (USGS) 1932	Bayou Choupique Quad P. A. 24	"	93 24	32.26			367.5	1239.7	removed from msncpt
TT 144 LS (USGS) 1932	Bayou Choupique Quad P. A. 21	"	30 05	02.12			993.3	854.2	Not recovered
TT 144 LS (USGS) 1932	Bayou Choupique Quad P. A. 21	"	93 26	02.12			56.8	1549.8	removed from msncpt.
SUB. PT. CALCASIEU		"	30 02				1167.9	679.6	Removed from
		"	93 20				506.2	1101.2	manuscript

1 FT. = .3048006 METER  
COMPUTED BY: M.F.Kirk

DATE 4 August 1948

CHECKED BY: F.J. Jarcza

DATE 13 August 1948

M. 2388-12



FIELD REPORT

SHORELINE MANUSCRIPT

SURVEY NO. T-8922

For field data covering Survey No. T-8922 refer to the special Field Report L 81, 1947 Gulf Intracoastal Waterway, Vermilion Bay, Louisiana to Port Arthur, Texas, submitted by Ross A. Gilmore, dated October 1947 filed in the Nautical Chart Branch. ✓

COMPILATION REPORT

SHORELINE MANUSCRIPT

SURVEY NO. T-8922 W/2  
T8922 E/2

This manuscript is one of a series of shoreline surveys in Project No. PH-14(46) located along the Intracoastal Waterway and covering a narrow strip of land from Houma, Louisiana to Corpus Christi Bay, Texas. This project was undertaken to furnish necessary data to prepare a new series of Intracoastal Waterway Charts at 1:40,000 scale.

Compilation instructions were not prepared.

26. CONTROL

See layout of control submitted to the Washington Office 16 October 1948. A list of stations on Form 2388-12 is included in this report.

Stations TT 31B (USGS) 1932 and EM 7 (USE) 1933 were not used in the radial plot since they were not recovered by the field party.

27. RADIAL PLOT

Refer to the radial plot report for Surveys Nos. T-8920, T-8922 to T-8925 inclusive, which was submitted to the Washington Office 16 October 1948. *Filed in Div. Photogrammetry General Files.*

28. DELINEATION

Limits of areas of marsh, high ground and the interpretation of other inland features were determined after careful stereoscopic examination of the photographs.

The field inspection of shoreline and offshore features was adequate for the area of this survey.

A portion of Bayou Choupique was not delineated because of insufficient photographic coverage.

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.

31. MEAN LOW WATER LINE

See MEAN HIGH WATER LINE.

32. DETAILS OFFSHORE FROM THE MEAN HIGH WATER LINE

Delineated in accordance with field identification.

33. WHARVES AND SHORELINE STRUCTURES

Delineated in accordance with field identification.



34. LANDMARKS AND AIDS TO NAVIGATION

One nonfloating aid, one floating aid and one new landmark in the area of this survey were identified by the field party and were radially plotted on the manuscript. The buoy identified as Buoy 25 appears on Chart No. 592 as Buoy 23.

*and on Chart no. 1051*

See forms 567 attached to this report.

35. HYDROGRAPHIC CONTROL

None

36. LANDING FIELDS AND AERONAUTICAL AIDS

None.

37. JUNCTIONS

Junctions have been made to the east with Survey No. T-8920 and with Survey No. T-8923 to the west and are in good agreement.

Project limits are to the north and south.

38. GEOGRAPHIC NAMES *814 ✓*

Geographic names were taken from the Final Names Standard submitted by the Washington Office.

A list of <sup>*approved*</sup> geographic names is attached to this report.

40. BRIDGES

All bridge information for the area covered by this report are listed in the U. S. Engineers "List of Bridges Over Navigable Waters in the U.S." dated 1 July 1941 was verified in the field. All clearances were carefully measured with a steel tape and the published descriptions and clearances were found to be correct except for the following discrepancies which were reported to the local District Engineers:

Highway Bridge Across Choupique Bayou	Field Data	Listed Data
Hor. Cl. Right Span	57.5'	46'
Vert. Cl. South Fender		
Right Span	9.3'	6.02'
Vert. Cl. Center Right Span	8.5'	5.22'



44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

Survey No. T-8922 has been compared in detail with U. S. Geological Survey, Moss Lake, Louisiana Quadrangle and U. S. Geological Survey, Black Lake Louisiana Quadrangle and found to be in good agreement.

There is one minor change that should be noted; a new canal approximately 2440 meters west of Ellender Ferry, connecting the Intracoastal Waterway with Black Lake has been dredged and is now open to navigation. This canal also extends northerly approximately 1830 meters from the Intracoastal Waterway.

45. COMPARISON WITH NAUTICAL CHART

Survey No. T-8922 has been compared in detail with Nautical Chart No. 592, scale 1:40,000, 2nd edition, published 1941, corrected to 16 June 1947 and found to be in good agreement.

The following topographic information shown on Survey No. T-8922 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 this chart:

None

Minor changes in cultural and shoreline details need no special discussion except for the canal noted in paragraph No. 44 of this report.

Respectfully submitted  
26 October 1948

J. C. Richter  
Engineering Draftsman

Joseph W. Kovacek  
Photogrammetric Office Reviewer

Harry R. Rudolph  
Supervisor

Forwarded and Approved  
4 November 1948

Thomas B. ...  
Officer in Charge  
Baltimore Photogrammetric Office









GEOGRAPHIC NAMES

- Bayou Choupique
- ✓ Brown Lake ✓
- ✓ Butcher Arthur Shipyard ✓
- ✓ Choupique Cutoff ✓
- ✓ Ellender Ferry ✓
- ✓ Intracoastal Waterway ✓
- ✓ Moss Island ✓
- ✓ Moss Lake (village) ✓
- ✓ Moss Lake ✓
- ✓ Old Canal ✓
- Petite Bayou
  
- State No. 104 ✓

Names preceded by •  
are approved. 8-1-49  
L. Heck

The canal to southward  
west of Brown Lake is  
a new feature, not in-  
cluded in names report  
for this area. L.H.



Review Report  
Shoreline Survey T-8922  
9 August 1949

26 Control

See Form M-2388-12

28 Detailing

The cable crossing the Intracoastal Waterway southwest of Ellender Ferry is probably submerged, but the field inspection does not afford conclusive evidence.

At the intersection of State Highway 104 and Bayou Choupique there is an overhead cable crossing. Its vertical clearance is indicated and should be applied to Chart 592.

44 Comparison with Existing Surveys:

A. Quadrangles:

Moss Lake, La.	1:31680	1932
Black Lake, La.	1:31680	1932

B. Topographic Surveys:

T-4772	1:20,000	1933
T-6042	1:20,000	1933-34

*T-8922 supersedes these surveys for nautical charting purposes.*

C. Hydrographic Surveys:

There are no contemporary surveys covering this area.

45 Comparison with Nautical Charts:

1051	1:175,000	1948 (latest correction date)
Only a small area is common to Chart 1051 and T-8922.		
592	1:40,000	1947 (latest correction date)

*There are no significant differences between T-8922 and the nautical charts.*

47 Adequacy of Compilation

The compilation meets requirements of standard accuracy in the immediate vicinity of the Intracoastal Waterway.

Reviewed by:

Howard J. Murray  
Howard J. Murray

Approved by:

A. V. Griffith  
Chief, Review Section *K.H.M.*

M. Edmonston  
Chief, Nautical Chart Branch  
Division of Charts

E. H. Kuach  
Asst. Chief, Division of Photogrammetry *M.J.*

W. M. Scoble  
Chief, Div. of Coastal Surveys *W.H.*