

8923

Diag. Cht. 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-8923

LOCALITY

State Louisiana

General locality Gulf Coast Intracoastal Waterway

Locality Vicinity of Gum Cove Ferry

1946-'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)

8923

DATA RECORD

T- 8923

Quadrangle (II):

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

Field Office: Morgan City, La.

Chief of Party: Ross A. Gilmore

Compilation Office:
Baltimore, MarylandChief of Party:
Thos. B. ReedInstructions dated (II III):
PH-14(46) Field, not datedCopy filed in Descriptive
Report No. T-~~(VI)~~
*Div. Photogrammetry
Office Files*Completed survey received in office:
*11-8-48*Reported to Nautical Chart Section: *11-15-48*Reviewed: *Aug. 10, 1949* Applied to chart No. *884* Date: *9-21-49*Redrafting Completed: *5-4-50*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): MHW)

Reference Station (III): GARDINER, 1933

Lat.: 30° 03' 30.255" (931.6m) Long.: 93° 28' 52.616" (1409.4m) Adjusted
UnadjustedState Plane Coordinates (VI): *La. South.*

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)
90th meridian

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
18644	11/23/46	1559	1:10,000	Not applicable
18645	"	1600	"	
18646	"	1401	"	
18657	"	1602	"	

Tide from (III): —

Mean Range: —

Spring Range:

Camera: (Kind or source) U.S.C. & G.S. Nine lens, focal length 8 $\frac{1}{4}$ ".

Field Inspection by: Harold A. Duffy
Charles H. Bishop
J. S. Howell
date: 7/5/47 to 9/26/47

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: 9/10/48

" " " checked by: W.E.W. date: 9/10/48

Control plotted by: J.C.Richter date: 9/27/48

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

Radial Plot by: F.J.Tarcza date: 10/5/48

Detailed by: D.A.Maskell date: 10/14/48 to 10/26/48

Reviewed in compilation office by: J.W.Vonasek date: 10/29 to 11/2/48

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

STATISTICS (III)

Land Area (Sq. Statute Miles): 5

Shoreline (More than 200 meters to opposite shore): None

Shoreline (Less than 200 meters to opposite shore): 9 statute miles

Number of Recoverable Topographic Stations established: None

Number of ^{photo hydro} ~~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. 8923

PROJECT NO. PH-14(46)

SCALE OF MAP 1:10,000

SCALE FACTOR None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR <i>y</i> -COORDINATE LONGITUDE OR <i>x</i> -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)	
✓ GARDINER, 1933	G1696 Pg. 45	N.A. 1927	30 03	30.255				931.6	915.9	
SUB. STA. GARDINER			93 28	52.616				1409.4	197.8	
✓ TT 33 B. (USGS) 1932	ORANGE QUAD Pg. A-23	N.A. 1927	30 03					931.9	915.6	
			93 28					1430.6	176.6	
			30 05	43.36				1335.1	512.4	
			93 31	05.51				147.5	1459.0	
TT 34 B. (USGS) 1932	ORANGE QUAD	"	30 03	35.49				1092.8	754.7	No recovery
	Pg. A-23		93 31	20.21				541.3	1065.9	See Form 526
TT 39 B. (USGS) 1932	ORANGE QUAD	"	30 01	47.58				1465.0	382.5	No recovery
	Pg. A-24		93 31	43.51				1326.5	281.1	See Form 526
BM M-11 (USE) 1934	G-1696 Pg. 48	"	30 03	33.868				1042.8	804.7	No recovery
			93 32	41.579				1113.7	493.5	since 1934
CUM COVE LONE SILO, 1934	G-1696 Pg. 48	"	30 01	15.62				481.0	1366.5	Beyond limits
			93 32	10.40				278.7	1329.1	of manuscript
✓ B.M. 29 34 CS 630+44.71 (USE)	ORANGE & QUAD. Pg. A-9	"	30 03	34.869				1073.7	773.8	
			93 31	17.981				481.6	1125.6	
BM 26 55 31 CS 550+96.71 (USE)	ORANGE QUAD Pg. A-8	N.A. 1927	30 03	33.987				1046.5	801.0	
			93 32	48.423				1297.0	310.2	

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

DATE 5 Aug. 1948

CHECKED BY: F.J. Tarcza

DATE 13 Aug. 1948

M. 2388-12

FIELD REPORT

SHORELINE MANUSCRIPT SURVEY T - 8923

For field data covering Survey T-8923 refer to the special report L 81 (1947) Gulf Intracoastal Waterway, Vermilion Bay, La. to Port Arthur, Texas, filed in the Nautical Chart Branch. ✓

COMPILATION REPORT

This manuscript is one of a series of surveys in Project No. PH-14(46) which covers a narrow strip of land along the Gulf Intracoastal Waterway from Vermilion Bay, La. to Port Arthur, Texas.

This survey covers the waterway approximately five miles easterly and two miles westerly from Gum Cove Ridge.

26. CONTROL

For the layout of control on this manuscript, refer to the radial plot report for Surveys T-8920 to T-8925, submitted to the Washington Office 16 October 1948. A list of control stations is included in this report on Form M-2388-12.

27. RADIAL PLOT

Refer to the Radial Plot Report for Surveys T-8920 to T-8925 submitted to the Washington Office 16 October 1948. *Filed in Div. of Photogrammetry General Files.*

28. DELINEATION

The compilation is in accordance with Photogrammetry Instructions No. 17, dated 15 September 1947. *Filed in Div. Photogrammetry Office Files.*

The field inspection was adequate for the area covered by this survey.

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

30. MEAN HIGH WATER LINE

The mean tide range in this area being approximately one foot makes the MHWL and the MLWL practically the same.

31. MEAN LOW WATER LINE

See MHWL above.

32. DETAILS OFFSHORE FROM THE MEAN HIGH WATER LINE

No comment

33. WHARVES AND SHORELINE STRUCTURES

No comment.

34. LANDMARKS AND AIDS TO NAVIGATION

None.

35. HYDROGRAPHIC CONTROL

None

36. LANDING FIELDS AND AERONAUTICAL AIDS

None

37. GEOGRAPHIC NAMES

Geographic names were taken from the final name sheet furnished this office. A list of ^{approved} geographic names is attached to this report.

39. JUNCTIONS

This survey is bounded by project limits to the north and south. Junctions to the east with Survey No. T-8922 and to the west with Survey No. T-8924 have been made and are in agreement.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

This manuscript was compared with United States Geological Survey quadrangles, Cameron Farms, La. and Black Lake, La., scale 1:31,680, and found to be in agreement.

45. COMPARISON WITH NAUTICAL CHARTS

This manuscript was compared with the U.S.C. & G.S. Chart No. 592, scale 1:40,000, end edition, published 1941, corrected to 16 June 1947, and found to be in good agreement.

The following topographic information shown on T-8923 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 require no special discussion.

Respectfully submitted
October 1948

Louis A. W. Skell
Engineering Draftsman

Joseph W. Vonnack
Photogrammetric Engineer
Photogrammetric Office Reviewer

Harry R. Rudolph
Supervisor

Approved and forwarded
9 November 1948

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

CSGID-SMP 061

8 June 1950

MEMORANDUM FOR: DIRECTOR, U. S. COAST AND GEODETIC SURVEY, DEPARTMENT
OF COMMERCE

ATTN: Administrative Planning Section

SUBJECT: Classification Clearance

1. Reference is made to your memorandum, file No. 731-lmh, dated 31 March 1950, forwarding ten maps for security clearance. Three maps were returned to your agency by Assistant Chief of Staff, G-2 memorandum, dated 27 April 1950.

2. There is no objection to publication of the following listed maps as unclassified:

No. T-8923
No. T-8924
No. T-8926
No. T-9176
No. T-9178
No. T-9185

3. It has been necessary to return map No. T-9186 to the 4th Army for reconsideration of detail marked for deletion by that command. The map will be forwarded to your agency upon its return here.

FOR THE ASSISTANT CHIEF OF STAFF, G-2:

1 Incl
6 Maps as listed above

ERNEST A. BARLOW
Colonel, GSC
Chief, Security & Training Division

GEOGRAPHIC NAME LIST

- ✓ • Gardiner Slip ✓
- ✓ • Goose Lake ✓
- ✓ • Gum Cove Ferry ✓
- Gum Cove Ridge ✓
- ✓ • Intracoastal Waterway ✓
- Sabine Canal ✓
- Sutton Slip ✓

- State No. 381

Names preceded by • are
approved. 8-8-49.

L. Heck

Review Report
Shoreline Survey - T-8923
11 August 1949

26 Control

See Form M-2388-12 of this Descriptive Report.

44 Comparison with Existing Surveys

A. Quadrangles:

Black Lake, La.	1:31680	1932
Cameron Farms, La.	1:31680	1932

B. Topographic Surveys:

T-6042	1:20,000	1933-34
<i>T-8923 supersedes this survey for nautical charting purposes.</i>		

C. Hydrographic Surveys:

There are no contemporary surveys covering this area.

45 Comparison with Nautical Charts:

592	1:40,000	1947 (latest corr. date)
<i>There are no significant differences between T-8923 and the nautical chart.</i>		

47 Adequacy of Compilation

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

Note: See attached letter on classification clearance - T-8923 is unclassified.

Reviewed by:

Howard J. Murray
Howard J. Murray

Approved by:

A. V. Griffith
CHIEF, Review Section *F.H.M.*

H. Edmonston
Chief, Nautical Chart Branch
Division of Charts

E.H. Kusch
Chief, Division of Photogrammetry

Wm. Acife
Chief, Div. of Coastal Surveys

Applied to Chart 884 Sept. 21, 1949 M. Hunsberger