

8913

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. PH-14(46) Office No. T-8913

LOCALITY

State Louisiana

Gulf Coast Intra-coastal Waterway
General locality

Locality Florence Canal to Lattanier Island

1947

CHIEF OF PARTY

Ross A. Gilmore, Chief of Party

Thos. B. Reed, Baltimore Photo. Office

LIBRARY & ARCHIVES

DATE

July 18, 1950

B-1870-1 (1)

8913

DATA RECORD

T- 8913

Quadrangle (II):

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

Field Office:
Morgan City, La.Chief of Party:
Ross A. GilmoreCompilation Office:
Baltimore, Md.Chief of Party:
Thos. B. ReedInstructions dated (II III):
Ph-14(46) Field (Not dated)

Copy filed in ^{Division of} ~~Descriptive~~
~~Report No. T-~~ ^(VI)
 Photogrammetry Office Files

Completed survey received in office: 10-6-48

Reported to Nautical Chart Section: 10-13-48

Reviewed: 6/24/49 Applied to chart No. 883 Date: 5 April, 1950

Redrafting Completed: 4-14-50

Registered: 26 June, 1950

Published:

Compilation Scale: 1:10,000

Published Scale:

Scale Factor (III): 1.000

Geographic Datum (III): N.A. 1927

Datum Plane (III): M.H.W.

Reference Station (III): INTRA (U.S.G.S.) 1932

Lat.:
29° 55' 06.718" (206.9m)Long.:
92° 36' 50.210" (1346.8m) ~~Unadjusted~~ ^{Adjusted}

State Plane Coordinates (VI): Louisiana South Zone.

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
* 18592 thru 18595	11/23/46	1445:	1:10,000	not applicable

* Office and Field Photographs

Tide from (III): —

Mean Range: —

Spring Range: —

Camera: (Kind or source)

U.S.C. & G.S. nine lens camera focal length 8 $\frac{1}{4}$ "

Field Inspection by:

Harold A. Duffy
Charles H. Bishop

date:

26 June to
26 September 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) WEW

date: 21 May 1948

" " " checked by: WEW

date: 21 May 1948

Control plotted by: Unknown (Washington Office)

date: unknown

Control checked by: Unknown (Washington Office)

date: unknown

Radial Plot by: E. H. Ramey
R. J. French

date: 12 July 1948

Detailed by: M.F.Kirk

date: 8 Sept. 1948 to
17 Sept. 1948

Reviewed in compilation office by:
J. W. Vonasek

date: 27 Sept. to 30 Sept.
1948

Elevations on Field Edit Sheet
checked by: *Not applicable*

date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 8

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

Shoreline (Less than 200 meters to opposite shore): 14.6 statute miles

Number of Recoverable Topographic Stations established: 2

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.

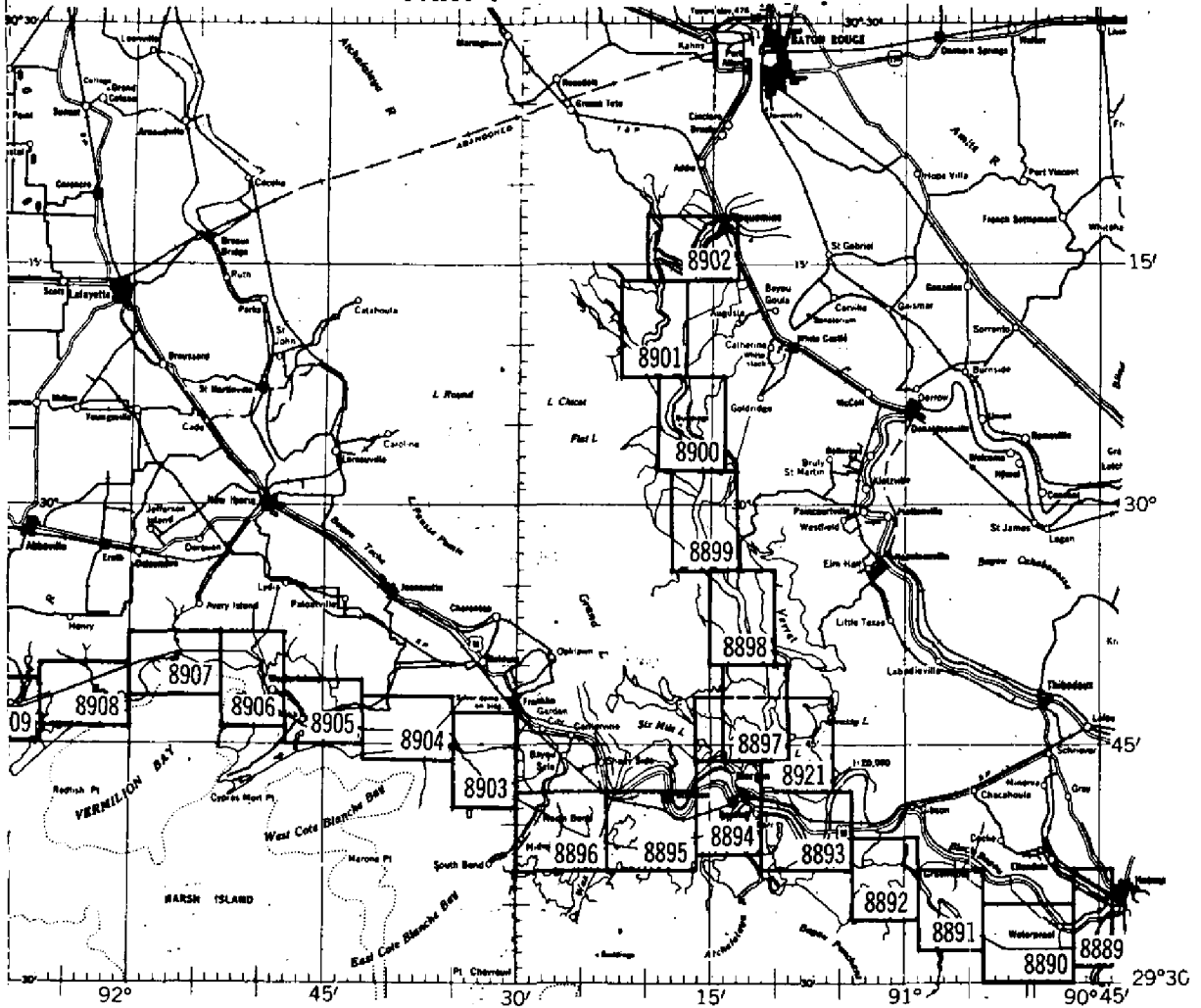
When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

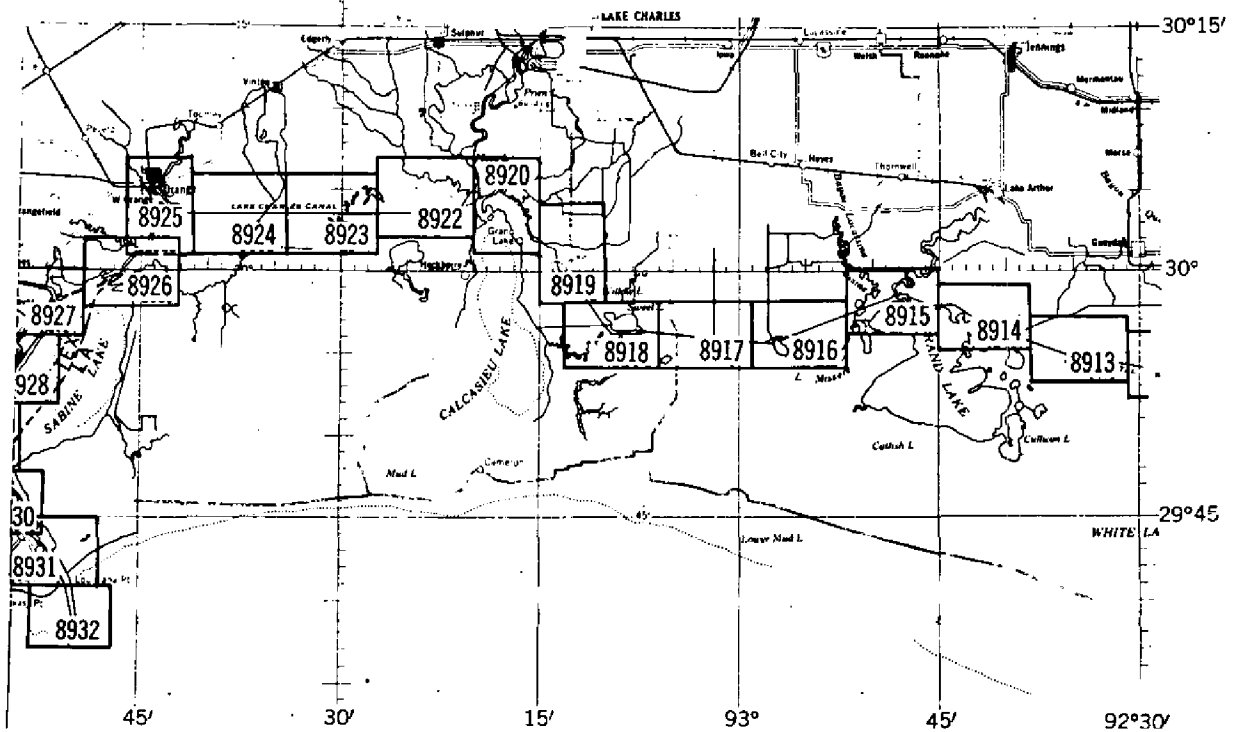
SHORELINE MAPPING PROJECT PH-14(46)

LOUISIANA - TEXAS, Intracoastal Waterway Houma - Port Arthur

PART 1



PART 2



FIELD REPORT

SHORELINE MANUSCRIPT

SURVEY NO. T-8913

For field data covering Survey No. T-8913, refer to the field report, "Gulf Intracoastal Waterway, L81 (1947) Vermilion Bay, La. to Port Arthur, Texas", submitted by Ross A. Gilmore, dated October 1947.

Filed in Div. of Photogrammetry General Files.

COMPILATION REPORT

SHORELINE MANUSCRIPT

SURVEY NO. T-8913

This manuscript is one of a series of surveys in Project No. PH-14(46) covering a narrow strip of land along the Gulf Intra-coastal Waterway from Houma, La. 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 stations is included in this report on Form No. M-2388-12. The following two stations were not held in the radial plot:

Station MV 738+98.22, BM 40(USE) 1934, tolerance 2.5mm
Station PBM No. 39, 655+80.7, Milepost No. 195, 1934,
tolerance 1.6mm

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-8909 through T-8914 included in the descriptive report for Survey No. T-8910.

28. DELINEATION

The compilation is in accordance with Photogrammetry Instructions No. 17, dated 15 September 1947. Lattanier Bayou and the numerous drainage ditches that run through this Bayou were not delineated due to their irrelevance to navigation.

Div. Photogr. Office Files

30. MEAN HIGH WATER LINE

The mean tide range at the nearest tide station (about 30 miles airline distance) is about 1.5 feet, thereby making the MHWL and the MLWL in the area of this survey, 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

None.

33. WHARVES AND SHORELINE STRUCTURES

None.

34. LANDMARKS AND AIDS TO NAVIGATION

None.

35. HYDROGRAPHIC CONTROL

None.

36. LANDING FIELDS AND AERONAUTICAL AIDS

None.

38. GEOGRAPHIC NAMES 814 ✓

The geographic names were taken from USGS GRAND LAKE EAST, LA. (NE and NW) quadrangles, scale 1:31,680 edition of 1932. No final names standard was furnished for this area. *See attached list of approved geographic names.*

39. JUNCTIONS

This survey is bounded by the project limits to the north and south, Survey No. T-8912 to the east, and Survey No. T-8914 to the West. Junctions were made with these two surveys in the compilation office.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

This sheet was compared with U. S. Geological Survey GRAND LAKE EAST, LA. (NE) quadrangle, scale 1:31,680, dated 1932, and was 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-8913 is of sufficient importance to warrant immediate application to the chart:

None.

45. COMPARISON WITH NAUTICAL CHARTS (Continued)

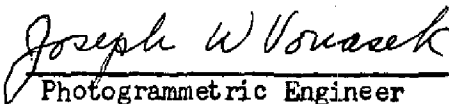
The following topographic details above the plane of MHW are not shown on this manuscript, but are believed to still exist and should be carried forward on the chart:

None.

Minor differences in cultural and shoreline details need no special discussion.


Respectfully submitted
21 September 1948


Topographic Engineer


Photogrammetric Engineer
Office Reviewer


Supervisor

Approved and forwarded
October 1948


Officer in Charge
Baltimore Photogrammetric Office

GEOGRAPHIC NAMES

- Gueydan Canal ✓
- Intracoastal Waterway ✓
- Lattanier Ditch ✓
- Lattanier Island ✓
- Salt Ridge ✓

Names preceded by •
are approved 6-23-49
L. Heck

Review Report
Shoreline Survey T-8913

44 Comparison with Existing Surveys:

A. Quadrangles:

Grand Lake East, La. (NE and NW) - - 1932, 1:31580

B. Topographic Surveys:

T-6176 1:20,000 1934

(T-8913 supersedes this survey for nautical charting purposes)

C. Hydrographic Surveys:

There are no contemporary Surveys in this Area.

47 Adequacy of Compilation

Field inspection was adequate in the immediate vicinity of the Intracoastal Waterway.

Reviewed by:

Howard J. Murray

Howard J. Murray 6-24-49

Approved By

L. V. Griffith

Chief, Review Section *L.V.G.*

H. Edmonston

Chief, Nautical Chart Branch
Division of Charts

O. S. Reading

Chief, Division of Photogrammetry

W. M. Acaife

Chief, Div. of Coastal Surveys

