

8911

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-8911

LOCALITY

State Louisiana

General locality Gulf Coast Intracoastal Water-
Way

Locality Pine Island to Isle Marrone

1947

CHIEF OF PARTY

Ross A. Gilmore, Chief of Field Party
Thos. B. Reed, Baltimore Photo. Office

LIBRARY & ARCHIVES

DATE July 16, 1951

8-1870-1 (1)

8911

DATA RECORD

T- 8911

Quadrangle (II):

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

Field Office:
Morgan City, La.

Chief of Party: Ross. A. Gilmore

Compilation Office:
Balto. Photogrammetric Office

Chief of Party: Thos. B. Reed

Instructions dated (II III):
PH-14(46) Field (not dated)

Div
Copy filed in Descriptive
Report No. ~~T~~ ~~(VI)~~
Photogr. Office Files

Completed survey received in office: *9/30/48*Reported to Nautical Chart Section: *Oct. 48*Reviewed: *6/21/49*Applied to chart No. *883*Date: *4/5/50*Redrafting Completed: *July 1950*
*(partial)**July 26, 1950*Registered: *4/22/51*

Published: —

Compilation Scale: 1:10,000

Published Scale: —

Scale Factor (III): 1.000

Geographic Datum (III): N.A. 1927

Datum Plane (III):

MHW
~~MSL~~

Reference Station (III): TT 67L, 1932 (USGS)

Lat.: 29° 50' 43.44" (1337.6m)

Long.: 92° 17' 47.67" (1279.6m)

Adjusted
~~Used by USGS~~

State Plane Coordinates (VI):

Louisiana, South

X = _____

Y = _____

Military Grid Zone (VI)

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): 23.3 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: There are no USC&GS triangulation stations within the limits of this survey or on any of the adjoining surveys; therefore, the nearest USGS control station, which falls on Survey No. T-8910 was used as a reference station.

FIELD REPORT

SHORELINE MANUSCRIPT, SURVEY NO. T-8911

For field data covering Survey No. T-8911, refer to the special field report L 81 (1947), Vermilion Bay, La. 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-8911

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 Vermilion Bay to Port Arthur, Texas.

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. Refer to the radial plot report for remarks concerning these stations, all of which are less than third order accuracy. *Radial plot report included in Desc. Report T-8910.*

27. RADIAL PLOT

The radial plot for this survey is part of a combined plot made in the Washington Office. The report for this combined radial plot covering the areas of surveys Nos. T-8909 to T-8914, is 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. *Filed in Div. Photogr. Office Files*

The shoreline of those canals covered by trees was delineated as unsurveyed.

The shoreline details along Warren Canal at the south end of the manuscript could not be completely delineated as they were obscured by smoke on 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.

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

Geographic names were taken from the final name sheet furnished this office. 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. Junctions with Survey No. T-8910 to the east and Survey No. T-8912 to the west have been made and are in agreement.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

This sheet was compared with U. S. Geological Survey quadrangles . Schooner Bayou N.W., N.E., S.W. and S.E., scale 1:31,680, dated 1932. A curve in the course of the Intracoastal Waterway has been eliminated in the section south of Isle Marrone shown on Schooner Bayou quadrangle, S.E. quarter.

45. COMPARISON WITH NAUTICAL CHARTS

Due to the great difference in scale between this manuscript and Charts Nos. 1277 and 1051 a minute comparison could not be made.

The following topographic information shown on T-8911 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 believed to still exist and should be carried forward on the chart:

None.

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

T-8911

Respectfully submitted
14 September 1948

Louis A. Waskell
Engineering Draftsman

Joseph W. Vonnack
Photogrammetric Engineer
Photogrammetric Office Reviewer

Harry R. Rudolph
Supervisor

Approved and forwarded
September 1948

Howard B. Rind
Officer in Charge
Baltimore Photogrammetric Office

GEOGRAPHIC NAMES

- • Bull Island •
- • Dog Island •
- • Dog Island Pump Station •
- • Green Pine Island •
- • Intracoastal Waterway •
- • Isle Marrone •
- • Isle Pevley •
- • Jacks Point Island •
- • Kaplan Canal •
- • Liberty Canal •
- • Long Island •
- • Oak Point •
- • Outside Island •
- • Pine Island •
- • Rabbit Island •
- • Sledge Canal •
- • Warren Canal •

Names preceded by • are
approved. 6-16-49
L.H.

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Review Report
Shoreline Survey T-8911

26. Control.-A discrepancy in the listing of the horizontal control, M-2388-12, was discovered concerning topographic station PBM 38 (USED) 1447 + 80. The position of this station was shown on the above form as being obtained from planetable sheet T-6177 b. This was incorrect. There was no previous position given for PBM 38. PBM 38 was pricked on the photographs, during field inspection, and this station was used in the radial plot trying to hold to the position of topographic station Milepost 180, which was scaled from T-6177b. The tolerance as shown on form M-2388-12 is the manuscript distance between the plotted position of Milepost 180 and the radially plotted position of PBM 38. The forward and back distances in meters on form M-2388-12 are the scaled distances of Milepost 180 as obtained from T-6177b. The radial plot geographic position of PBM 38 may be obtained from form 524 bearing the same name.

44. Comparison with Existing Surveys.-

A. Topographic Surveys

T-6177 1:20,000 1934
This map superseded T-6177 for nautical charting purposes.

B. Hydrographic Surveys

There are no contemporary surveys
in this area.

45. Comparison with Nautical Charts.-

1277 1:80,000 1947 (correction date)

Chart 1277 only partly covers T-8911

There are no significant differences between T-8911 and this chart.

47. Adequacy of Compilation.-Field inspection was adequate in the immediate vicinity of the Intracoastal Waterway. In the future this area will be covered more completely by topographic maps T-9102 and T-9103.

Reviewed by:

Howard J. Murray
Howard J. Murray
21 June 1949

Approved by:

A. V. Griffiths
Chief, Review Section F.R.M.

H. Edmonston
Chief, Nautical Chart Branch

O. S. Reading
Chief, Div. of Photogrammetry

W. M. Scaife
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L. S. H.

[Handwritten initials]

