8912

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-8912 Project PH-14(46)

LOCALITY

State Louisiana

General locality Gulf Coast Intracoastal Waterway

Locality Pine Island to Florence Canal

194 7....

CHIEF OF PARTY

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

LIBRARY & ARCHIVES

DATE July 16, 1951

B-1870-1 (I)



DATA RECORD

T-8912

Quadrangle (II):

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

Div

Field Office: Morgan City, La.

Chief of Party: Ross A. Gilmore

Compilation Office: Baltimore

Chief of Party: Thos. B. Reed

Photogrammetric Office

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

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

Completed survey received in office: 9/27/48

Reported to Nautical Chart Section: 5ept. 48

Reviewed: 6/23/49 Applied to chart No. 883 Date: 4/5/50

Redrafting Completed: 2Tuly 1950 (partial)

Registered: 6/22/5/

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): COASTAL, 1932 (USGS)

Lat.: 29° 54' 22.714" (699.4) Long.: 92 32 40.690 (1091.6m)

Adjusted **XTDEXIX TURK THOUR**

State Plane Coordinates (VI): Louisiana, South

X = 1,616,223.28

Military Grid Zone (VI)

PHOTOGRAPHS (III)

| Number | Date | Time | Scale | Stag | e of | Tide | |
|--------|----------|------|----------|------|------|-------|-----|
| 18588 | 11/23/46 | 1441 | 1:10,000 | 0.1 | ft. | above | MLW |
| 18589 | n' | 1442 | ĺŧ | ff | II. | u | ıt |
| 18590 | T) | 1443 | ti | н | 17 | 11 | 11 |
| 18591 | It | 1443 | Ħ | II | 11 | Ħ | #1 |

Tide from (III): Predicted Tide Tables, Atlantic Ocean, 1946. Reference Station Galveston, Texas, with corrections to Weeks Bay -

Mean Range: Spring Range: 1.5'

Camera: (Kind or source)

U. S. C. & G. S. nine lens camera 81 focal length.

Field Inspection by: Ross A. Gilmore

date: 7/5 to 9/26/47

Vermilion Bay, La.

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: 21 May 1948

" " checked by: W.E.W. date:

Control plotted by: Washington Office, L.M.Gazik date: 2 June 1948

Control checked by: H. Murray date: 3 June 1948

Radial Plot by: E.H.Ramey, Roscoe J. French date: 12 July 1948

Detailed by: M.K.Spencer date: 1 Sept. 1948 to 15 Sept. 1948

Reviewed in compilation office by:

H.R.Rudolph

20 to 22 Sept. 1948

Elevations on Field Edit Sheetchecked by:

-date: -

STATISTICS (III)

Land Area (Sq. Statute Miles): 17.6

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

Shoreline (Less than 200 meters to opposite shore): 21 statute miles

Number of Recoverable Topographic Stations established: 4

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: There are no USC&GS triangulation stations within the limits of this survey or any of the adjoining surveys; therefore, the nearest USGS control station, which falls on Survey No. T-8913 was used as a reference station.

FIELD REPORT

SHORELINE KANUSCRIPT

SURVEY NO. T-8912

For field data covering Survey T-8912 refer to the special field report L 81 (1947) Vermilion Bay, La. to Port Arthur, Texas, filed in the Nautical Chart Branch.

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COMPILATION REPORT

SHORELINE MANUSCRIPT

SURVEY NO. T-8912

This manuscript is one of a series of surveys in Project PH-14 (46) and covers a narrow strip of land along the Gulf Intracoastal Waterway from Vermilion Bay, La. to Port Arthur, Texas.

Compilation instructions were not furnished for this project.

26. CONTROL

This manuscript was received from the Washington Office with all control plotted thereon. A list of stations is included in this report on Form N_0 . M-2388-12.

27. RADIAL PLOT

The radial plot for this survey is part of a combined plot run in the Washington Office. The report for this combined radial plot, covering the area 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. Fled in Div. Photogr. 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.

Some difficulty was encountered with respect to placement of detail due to the weakness of the radial plot (see radial plot report) but the results are considered to be within accuracy requirements. The northern portion of Robins Canal was not delineated due to lack of photographic coverage.

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 MEAN HIGH WATER LINE above.

32. DETAILS OFFSHORE FROM THE MEAN HIGH WATER LINE

Delineated in accordance with Field Identification.

33. WHARVES AND SHORELINE STRUCTURES

No comment

34. LANDMARKS AND AIDS TO NAVIGATION

No comment

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 project limits to the north and south, Survey T-8911 to the east and Survey T-8913 to the west. Junction was made with the surveys to the east and west and is in agreement.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

This manuscript was compared with United States Geological Survey quadrangles, Schooner Bayou, N.W. scale 1:31,680, and Grand Lake East, La., scale 1:31,680, and is in good agreement except for the following features that do not appear on the quadrangles:

Small private canal leading to oil well on Warren Canal Road along western shore of Kobins Canal Cultivation along portions of Intracoastal Waterway

45. COMPARISON WITH NAUTICAL CHARTS

This manuscript was compared with U.S.C.&.G.S. Chart No. 1051 and found to be in good agreement.

The following topographic information shown on T-8912 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 changes in cultural and shoreline details require no special discussion.

Respectfully submitted 16 September 1948

Engineering Draftsman

Photogrammetric Engineer
Photogrammetric Office Reviewer

Approved and forwarded 23 September 1948

Officer in Charge

Baltimore Photogrammetric Office

GEOGRAPHIC NAMES

- ~ Florence Canal *
- • Florence Hunt Club •
- > Intracoastal Waterway .
- Pine Island
- _ Robins Canal .
- Warren Canal

Names preceded by.

are approved. 6-21-49

L. Heck

Review Report Shoreline Survey T-8912

26 Control

One horizontal control station was plotted on the manuscript during final review and is listed on the Form M-2388-12 attached to this Descriptive Report.

44 Comparison with Existing Surveys:

A. Quadrangles:

Schooner Bayou, La., NW & SW 1:31680 1932 Grand Lake, La., NE & SE 1:31680 1932

B. Topographic Surveys

| | T-6177 | 1:20,000 | 1934 | |
|---------|------------|-----------------|-------------|-------------------|
| a. | T-6176 | 1:20,000 | 1934 | nantical charting |
| 1Mes m | rapsurpe | medle T-6176 am | 27-6177 for | nantical charling |
| Hydrogr | aphic Surv | eys: | | purposes of |

There are no contemporary surveys in this area.

45 Comparison with Nautical Charts

Chart No. 1051, 1:175,000, 1948 correction date.

There are no arguificant differences between T-8912 and the
47 Adequacy of Compilation:

Chart.

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

Reviewed by:

Howard J. Murray
Howard J. Murray 5-23-49

Approved by:

C.

Chief, Review Section K. M.

Chief, Nautical Chart Branch Division of Charts

Chief, Div. of Coastal

PMJ

Chief, Division of Photogrammetry

NAUTICAL CHARTS BRANCH

SURVEY NO. <u>7-89/2</u>

Record of Application to Charts

| DATE | CHART | CARTOGRAPHER | REMARKS |
|-----------|---------------------------------------|---------------|--------------------------------------|
| Apr. 5,50 | 883 | J.J. Rusijusk | Before After Verification and Review |
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