

8918

Diag. Cht. No. 1116-2

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey PHOTOGRAMMETRIC SHORELINE

Project
Photo No. PH-14(46) Office No. T-8918

LOCALITY

State Louisiana

General locality Gulf Coast Intracoastal Waterway

Locality Sweet Lake, Louisiana

1946-'47

CHIEF OF PARTY

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

LIBRARY & ARCHIVES

DATE September 18, 1950

B-1870-1 (1)

8168

DATA RECORD

T-8918

Quadrangle (II):

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

Field Office: Morgan City, La.

Chief of Party: Ross A. Gilmore

Compilation Office: Baltimore, Md.

Chief of Party: Thos. B. Reed

Instructions dated (II III):

PH-14(46) Field, not dated

Copy filed in Descriptive

~~Report No. II~~ (VI)Division of Photogrammetry
office files.

Completed survey received in office:

10-21-48

Reported to Nautical Chart Section: 11-1-48

Reviewed: July 15, 1949 Applied to chart No. 884 Date: 8/12/49

Redrafting Completed: 4-27-50

Registered: August 17, 1950 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): FORK, 1934

Lat.: 29° 56' 07.700" (237.1m)

Long.: 93° 06' 52.050" (1395.9m)

Adjusted
~~and corrected~~

State Plane Coordinates (VI): Louisiana South

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> |
|---------------|-------------|-------------|--------------|----------------------|
| 18617 | 11-23-46 | 3:17 | 1:10,000 | not applicable |
| 18 | " | :18 | " | |
| 19 | " | :19 | " | |
| 20 | " | :20 | " | |
| 626 | " | 3:38 | " | |
| 27 | " | :39 | " | |
| 28 | " | :40 | " | |

Tide from (III):

Mean Range:

Spring Range:

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

Field Inspection by: Harold A. Duffy date: 7-5 to 9-26-47
Charles H. Bishop

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: 5-24-48

" " " checked by: W.E.W. date: 5-24-48

Control plotted by: M.F.Kirk date: 8-25-48

Control checked by: R. Glaser date: 8-26-48

Radial Plot by: F.J.Tarcza date: 9-7-48

Detailed by: M.K.Spencer date: 10-1 to 10-6-48.

Reviewed in compilation office by: J.W.Vonasek date: 9-12 to 9-14-48

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

STATISTICS (III)

Land Area (Sq. Statute Miles): 4

Shoreline (More than 200 meters to opposite shore): 8.8 statute miles

Shoreline (Less than 200 meters to opposite shore): 12 " "

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:

FIELD REPORT

SHORELINE MANUSCRIPT

SURVEY T-8918

For field data covering Survey T-8918 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) covering a narrow strip of land along the Gulf Intracoastal Waterway from Vermilion Bay, La. to Port Arthur, Texas. This survey covers the Waterway in the area of Sweet Lake. Compilation instructions were not furnished for this project.

26. CONTROL

For the layout of control on this manuscript refer to the radial plot report. 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-8915 to T-8919 submitted to the Washington Office on 16 September 1948, filed with the *Descriptive Report of T-8915*,

28. DELINEATION

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

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

Delineated in accordance with field identification.

33. WHARVES AND SHORELINE STRUCTURES

No comment.

45. COMPARISON WITH NAUTICAL CHARTS (Cont'd.)

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
6 October 1948

W. R. Spencer
Engineering Craftsman

Joseph W. Douasick
Photogrammetric Engineer
Photogrammetric Office Reviewer

Approved and forwarded
21 October 1948

Harry R. Rudolph
Supervisor

Thomas B. Baird
Officer in Charge
Baltimore Photogrammetric Office

v BAJ

GEOGRAPHIC NAME LIST

✓ Blind Lake

• Intracoastal Waterway (USBN. decision)

• Sweet Lake (" ")

• Sweet Lake Canal

• Bayou Bois Canier

Names preceded by
are approved. 7-13-49
L Heck.

Review Report
Shoreline Survey T-8918

44 Comparison with existing surveys

- A. Quadrangles
Boudreaux Lake, La. 1:31,680 1934
Sweet Lake, La. 1:31,680 1934
B. Topographic Surveys
T-6176 1:20,000 1934 T-8918 supersedes T-6176
C. Hydrographic Surveys for nautical charting purposes.
There are no contemporary surveys in this area.

45 Comparison with Nautical Charts

591 1:40,000 1949 (latest correction date)

There is no detail common to chart 591 on the overlapping area of T-8918.

47 Adequacy of Compilation

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

Reviewed by:

Howard J. Murray
Howard J. Murray 15 July, 1949

Approved by:

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

H. Admonster
Chief, Nautical Chart Branch
Division of Charts

O. J. Reading
Chief, Division of Photogrammetry
K

W. M. Scaife
Chief, Div. of Coastal Surveys
D.H.