8934

Diag. Cht. No. 1116-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Shoreline (Photogrammetric)

Field No. Ph-14(46) *Office No.* T-8934

LOCALITY

State Texas

General locality Gulf Intracoastal Waterway

Locality Clam Lake

1947

CHIEF OF PARTY

R. A. Gilmore, Chief of Field Party

Division of Photogrammetry, Washington, D. C.

LIBRARY & ARCHIVES

DATE July 13, 1951

B-1870-1 (1)

Form T-1

DATA RECORD

T- 8934

Quadrangle (II):

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

Field Office:
Fort Arthur, Texas

Chief of Party: Ross A. Gilmore

Compilation Office:
Graphic Compilation Section
Div. of Photogrammetry, Washington, D. C.

Chief of Party: L. C. Lande

Office Files

Instructions dated (II III):

Copy filed in Descriptive Report-No: T- (VI)
Div. of Photogrammetry

Completed survey received in office: 3-14-49

Reported to Nautical Chart Section: 3-21-49

Reviewed: 1/23/50 Applied to chart No. Date:

Redrafting Completed: 8-25-50

Registered: 6/22/51 Published: —

Compilation Scale: 1:10,000 Published Scale: ——

Scale Factor (III): 1.000

Geographic Datum (III): NA. 1927 Datum Plane (III): MHW

Reference Station (III): DEE, 1934

Lat.: 29°-45'-01.519" (46.8 meters) Long.: 94°-04'-16.720" (449.9 m) Adjusted Unadjusted

State Plane Coordinates (VI): Texas S. Central

X = 3,563,487.88 Y = 729,988.25

Military Grid Zone (VI)

M-2467-12(3)

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
470-1103	3/25/47	1335	1:10,000	Not applicable
1104	3/25/47	1335	1:10,000	
1105	3/25/47	1335	1:10,000	
1106	3/25/47	1335	1:10,000	
1107	3/25/47	1335	1:10,000	

Tide from (III):

Mean Range: **Spring Range:**

Camera: (Kind or source) "C" ~~F-5~~ 6" Focal Length

Field Inspection by: Irving Zirpel Jr. **date:** Aug. 12, 1947

Field Edit by: None **date:** ———

Date of Mean High-Water Line Location (III):
Date Photographs were taken 3/25/47 and date of Field Inspection Aug. 12, 1947

Projection and Grids ruled by (III) W.E.W. **date:** 11/4/48

" " " **checked by:** W.E.W. **date:** 11/4/48

Control plotted by: R. W. Williams **date:** 11/15/48

Control checked by: R. L. Sugden **date:** 11/15/48

Radial Plot by: L. M. Gazik **date:** Dec. 1948

Detailed by: R. W. Williams **date:** Dec. 1948

Reviewed in compilation office by: **date:**

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

STATISTICS (III)

Land Area (Sq. Statute Miles):

Shoreline (More than 200 meters to opposite shore):

Shoreline (Less than 200 meters to opposite shore):

Number of Recoverable Topographic Stations established: Two (2)
Filed on form 524

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: Ink used: G.P.O. black plastic ink was used on this manuscript.

Photogrammetry

MAP T-8934 PROJECT NO. Ph-14(46) SCALE OF MAP 1:10,000 SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
DEE, 1934	Texas Coast G.P. F.90	NA 27	29°-45-01.519 94°-04-16.720			46.8 449.2	
FLUME, 1934	"	"	29°-42-58.124 94°-07-13.786			1789.6 370.5	
SUB STA. (RM#1, FLUME) 1934	Compu-tation	"	29°-42- 94°-07			1767.5 382.2	Removed from manuscript
590 00 U.S.E.	Radial Plot	"					
540 00 U.S.E.	"	"					

1 FT. = .3048006 METER

COMPUTED BY: L. M. Gazik DATE 12/3/48 CHECKED BY: E. H. Ramey DATE 12/3/48

M-2388-12

Descriptive Report: T-8934

Project: Ph-14(46) Intracoastal Waterway, Texas

Location: Clam Lake

Scale: 1:10,000

This report is concerned with a shoreline survey southwest of Port Arthur, Texas, and is one of a series of surveys extending along the Intracoastal Waterway from Houma, Louisiana, Longitude 90° 44' W to Corpus Christi, Texas, Longitude 97° 15' W.

The Project Ph-14(46) was undertaken to furnish the necessary data to prepare a new series of inland waterway charts at 1:40,000 scale.

The field party recovered the control and indicated other pertinent field inspection data by identifying it on the photographs for compilation in this office. The field work was accomplished by Lt. Comdr. R. A. Gilmore, Chief of Party.

Compilation notes were made from field records and photographs and instructions from Special Report L 84(1948) Port Arthur, Texas, to Cedar Lakes, Texas.

This shoreline sheet is filed in the Division of Photogrammetry and Chart Letter 84(1948) is filed in the Nautical Chart Branch.

26. Control

The control and other field inspection data was recovered by the field party and indicated on the photographs.

For the layout of control on this manuscript, refer to the Radial Plot Report for T-8933, 8934, 8935, 8936, 8937, included with the descriptive report for T-8933.

27. Radial Plot

Refer to the Radial Plot Report for T-8933 to 8937.

28. Delineation

This 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.

Delineation (cont.)

Limits of areas of marsh, high ground, and interpretation of other inland features were determined by stereoscopic examination.

29. Supplemental Data

Compilation notes were made from field records, photographs, existing maps, and instructions from Special Report L 84(1948), Port Arthur to Cedar Lake, Texas. (i.e., Chart Letter)

No additional work was done in 1947 on Graphic Control Survey T 6277a, 1935.

30. Mean High Water Line

The tide range in this area is negligible for purposes of compilation.

34. Landmarks and Aids to Navigation

None

35. Geographic Names

The geographic names of this area were taken from Special Report 107(1948) on Geographic Names.

A list of Geographic Names accompanies this report. ✓

44. Comparison with Existing Topographic Quads

This manuscript agrees favorably with the TVA Quad, Clam Lake (1947) scale 1:25,000, and the following minor differences were noted:

1. Features at Clam Lake Oil Field such as the Shell Oil Co. loading docks, additional oil tanks, and definite drainage ditches which appear on this sheet are not shown on the Quad.

2. The number of oil derricks on this sheet is less than that shown on the Quad.

3. A pier at Clam Lake is not shown on the Quad.

45. Comparison with Nautical Charts

This manuscript was compared with Chart No. 1116, 7/14/47, (scale 1:458,596) and seemed to be in agreement, however, the difference in scale limited the comparison.

This manuscript is complete in all details except those mentioned above and should supersede previously charted information.

Submitted by: Robert W. Williams
Robt. W. Williams
December 3., 1948

Approved by: L. C. Lande
L. C. Lande

Verified by: C. Hanavich
C. Hanavich

Geographic Names

— ✓Big Persimmon •
— ✓Clam Lake •
— ✓Clam Lake Oil Field •
— ✓Clam Lake Terminal •
— ✓Five Mile Cut •
— ✓Little Persimmon •
— ✓Texas * •
— ✓Intracoastal Waterway •

* = Decis BGN
• = Approved name

1-23-50
a.j.w.

Review Report T-8934
Shoreline Map
23 January, 1950

61. Comparison with Registered Topographic Surveys:

T-6277-b 1:20,000 1935

This map supersedes T-6277-b for nautical charting purposes.

62. Comparison with Nautical Charts:

1116 1:458,596 ed. May 1943 rev. Sept.9,1949
1280 1:20,000 ed. June 1945 rev. Aug. 10,1946

There are no significant differences between T-8934 and the charts.

63. Accuracy:-Map T-8934 conforms to the National Standards of Accuracy, and is adequate for charting purposes.

Reviewed by:

Lena T. Stevens
Lena T. Stevens

APPROVED BY:

L. V. Griffith K.H.M.
Chief, Review Section
Division of Photogrammetry

H. McNamara
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading
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W. M. Leaf
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U.H.