

8928

Diag. Cht. No. 1116-2 & 1279.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Photogrammetric Shoreline

Field No. Project Office No. T-8928
PH-14(46)

LOCALITY

State Texas

General locality Gulf Coast Intracoastal
Waterway

Locality Port Arthur, Texas.

1947

CHIEF OF PARTY

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

LIBRARY & ARCHIVES

DATE July 13, 1951

DATA RECORD

T- 8928

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

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

Completed survey received in office: 2-7-49

Reported to Nautical Chart Section: 2-16-49

Reviewed: 5 Dec. 1949 Applied to chart No. *884* Date: *3/9/50*
885 *4/19/50 + 5/3/50*

Redrafting Completed: 5-18-50

Registered: 6/22/51

Published: _____

Compilation Scale: 1:10,000

Published Scale: _____

Scale Factor (III): 1.000

Geographic Datum (III): N.A. 1927

Datum Plane (III): MHW

Reference Station (III): LOCKS, 1933

Lat.: 29° 55' 39.273" (1209.3m) Long.: 93° 52' 30.492" (817.9m) Adjusted
~~and posted~~

State Plane Coordinates (VI): Louisiana, South Zone.

X = 1,194,903.75

Y = 467,451.02

Military Grid Zone (VI) _____

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
47-C-1136 to 47-C-1139	3-25-47	1352	1:10,000	Not applicable

Tide from (III):

Mean Range:

Spring Range:

Camera: (Kind or source) U.S.C. & G.S. single lens, focal length 6"

Field Inspection by: Harold A. Duffy

date: 4 July to
26 Sept. 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: 9-17-48

" " " checked by:

WEW

date: "

Control plotted by: J.C. Richter

date: 9-7-48

Control checked by: M.F. Kirk

date: 9-23-48

Radial Plot by: F.J. Tarcza

date: 10-13-48

Detailed by: M.K. Spencer

date: 11-2- to 11-12-48

Reviewed in compilation office by: H.R. Rudolph

date: 12-6-48 to 1-20-49

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

~~date: —~~

STATISTICS (III)

Land Area (Sq. Statute Miles): 6

Shoreline (More than 200 meters to opposite shore): $6\frac{1}{2}$ statute miles

Shoreline (Less than 200 meters to opposite shore): 8 " "

Number of Recoverable Topographic Stations established: none

photo hydro stations

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:

Summary to Accompany T-8928

Shoreline Survey T-8928, scale 1:10,000 (Lat. $29^{\circ}52'$ to $56'$, Long. $93^{\circ}51'$ to $58'$) is one of 76 maps in Project Ph-14(46) which consists of four parts.

T-8928 is one of the Part II group.

Data pertaining to T-8928 are filed as follows:

A. Division of Photogrammetry General Files

1. Reviewed acetate manuscript
2. Radial Plot Report
3. Field Inspection photographs

B. Bureau Archives

1. Registered lithographic print of the reviewed manuscript at compilation scale.
2. Registered Descriptive Report.

FIELD REPORT

SHORELINE MANUSCRIPT, SURVEY T-8928

For field data covering Survey T-8928 refer to the special report L 81(1948) Gulf Coast Intracoastal Waterway, Vermilion Bay, La. to Port Arthur, Texas, filed in the nautical chart branch.

MAP T- 8928

PROJECT NO. PH-14(46)

SCALE OF MAP 1:10,000

SCALE FACTOR None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
					FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
✓ LOCKS, 1933	G-1584 P. 27	N.A. 1927	29 55	39.273				1209.3	638.2		
SUB.STA. LOCKS			93 52	30.492				817.9	791.4		
✓ PORT ARTHUR, ST. MARY'S HOSP. STACK 1933	G-1584 Pg. 29	"	29 55					1215.7	631.8		Removed from manuscript
✓ PORT ARTHUR MUNICI- PAL TANK, 1933	G-1584 Pg. 30	"	93 52					824.9	794.4		manuscript
✓ PORT ARTHUR, N. TWIN CUPOLA, 1933	G-1584 P. 29	"	29 54	33.803				1040.8	806.6		
✓ PORT ARTHUR, S. TWIN CUPOLA, 1933	G-1584 Pg. 29	"	93 55	28.607				767.4	842.2		
✓ PORT ARTHUR HIGH SCHOOL, STACK, 1933	G-1584 P. 30	"	29 53	04.183				128.8	1718.6		
✓ PORT ARTHUR GOODHUE HOTEL TOWER, 1931	Port Arthur Quad. P.A. 23	"	93 56	02.599				69.7	1540.3		
✓ PORT ARTHUR NEGRO CUPOLA, 1933	G-1584 Pg. 31	"	29 52	56.023				1725.0	122.4		
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	93 55	23.077				619.2	990.8		
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	29 52	55.450				1707.4	140.0		
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	93 55	23.616				633.7	976.3		
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	29 52	40.276				1240.1	607.3		
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	93 55	31.385				842.2	767.9		
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	29 52	21.978				676.7	1170.7		applied to chart 517
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	93 56	07.302				196.0	1414.2		
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	29 52	02.546				78.4	1769.0		
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	93 56	17.236				462.6	1147.7		
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	29 52	10.674				328.7	1518.7		
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	93 56	51.608				1385.0	225.2		
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	29 52	07.753				238.7	1608.7		
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	93 55	50.350				1351.2	259.0		
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	29 52					248.7	1599.3		Removed from manuscript
✓ PORT ARTHUR WEATHER BUREAU MAST, 1933	G-1584 Pg. 30	"	93 55					1376.2	234.0		manuscript

1 FT. = .3048006 MEYER
COMPUTED BY M.F. Kirk

DATE 10 August 1948

CHECKED BY F.J. Tarcza

DATE 13 August 1948

M-2388-12

SCALE FACTOR.....None

N.A. 1927 - DATUM
DISTANCE
FROM GRID OR PROJECTION LINE
IN METERS

FACTOR DISTANCE
FROM GRID OR PROJECTION
IN METERS

Vol's blw. officers in
canal. Lost

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1248.3	599.2
825.6	783.6

Restored from
manuscript

10/15 2.0 m. off-shore in

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1532.8	314.6
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Removed from

24441. 2031

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400.1	1201.0
1402.1	445.3

manuscript

— 100 —

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922.3	001.7
604.5	1242.9

100

Handwritten: 100/100

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42.6	1566.5
319.2	1528.2

[illegible]

South of F8928

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1373.4	236.8
577.5	1271.8

— 100 —

limit.

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211.2	2241.0
627.5	984.8

COMPUTED BY: M.F.Kirk

DATE 10 August 1948

CHECKED BY: F. J. Tarcza

DATE.....13 August 1948

M-2388-12

COMPILATION REPORT

This manuscript is one of a series of surveys in Project PH-14(46) covering a narrow strip of land along the Gulf Intracoastal Waterway from Vermilion Bay, La. to Port Arthur, Texas. Survey T-8928 covers the Waterway in the area of Port Arthur. 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-8926 through T-8928.
Bound with Descriptive Report T-8926

28. DELINEATION

Compilation is in accordance with Photogrammetry Instructions No. 17 dated 15 September 1947. *Filed in Div. Photogr. Office Files.*

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.

Two radio towers just northeast of Port Arthur High School have been delineated. The field inspection party indicated that these two towers had been bent over by wind.

The meandering of Crane Bayou has changed due to spoil areas being built up just inshore from where the Bayou emptied into the Sabine Neches Canal.

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.

44. WHARVES AND SHORELINE STRUCTURES

No comment.

34. LANDMARKS AND AIDS TO NAVIGATION

See form No. 567 submitted with this report.

35. HYDROGRAPHIC CONTROL

None

36. LANDING FIELDS AND AERONAUTICAL AIDS

None.

37. GEOGRAPHIC NAMES

Geographic names were taken from the final name sheet furnished this office and a list of the same is attached to this report. ✓

It is noted that a horizontal control station located on Woodrow Wilson High School in Port Arthur is named PORT ARTHUR HIGH SCHOOL in the published list of positions.

39. JUNCTIONS

This survey is bounded by project limits to the east and west; by Survey T-8927 to the north, and by Survey T-8929 to the south. Junction was made with surveys to the north and south and is in good agreement.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

This manuscript was compared with United States Geological Survey quadrangles Port Arthur North and Port Arthur South, Texas, and is in good agreement except for the following features which do not appear on the quadrangles:

Large area of fill along the shoreline of Sabine Lake running north of 29° 52' parallel.

Additional shoreline structures along the bulkhead and streets fronting the Canal.

45. COMPARISON WITH NAUTICAL CHARTS

This manuscript was compared with the U. S. Coast and Geodetic Survey Chart No. 1279 and found to be in fair agreement.

The following topographic information shown on Survey T-8928 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
30 December 1948

Morris K. Spencer
Engineering Draftsman

Harry R. Rudolph
Supervisor

Harry R. Rudolph
Cartographer
Photogrammetric Office Reviewer

Thos O Baird
Officer in Charge
Baltimore Photogrammetric Office

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TO BE CHARTERED
TO BE CHARTERED

STRIKE OUT ONE

NONFLOATING AIDS ORIENTATIONS FOR CHARTS

Baltimore, Maryland.

November

1987-88

I recommend that the following objects which have ~~(been)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by

H. R. Rudolph
H. R. Rudolph

Thos. B. Reed

Chief of Party

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given

GEOGRAPHIC NAMES

- ✓ Civic Park • ✓
- ✓ Crane Bayou • ✓
- ✓ DeQueen Blvd. • ✓
- ✓ Huguen Park • ✓
- ✓ Intracoastal Waterway • ✓
- ✓ Kansas City Southern RR • ✓
- ✓ Lakeshore Drive • ✓
- ✓ Lakeview • ✓
- ✓ Lions Park • ✓
- ✓ Port Arthur • ✓
- ✓ Procter St. • ✓
- ✓ Sabine Lake • ✓
- ✓ Sabine-Neches Canal • ✓
- ✓ Stilwell Blvd. • ✓
- ✓ 9th Ave. • ✓
- ✓ Texas • ✓
- ✓ Woodworth Blvd. • ✓
- ✓ Court House • ✓
- ✓ West Crane Bayou.

x = Decis. BGN

• = Approved name

12-5-49
5-16-50 L.N.
a.j.w.

GAY

Review Report T-8928
Shoreline Map
5 December 1949

61. Comparison with Registered Topographic Surveys:

None

62. Comparison with Surveys of other Agencies:

U.S.E. Port Arthur North, Tex. 1:31,680 ed. 1945

U.S.E. Port Arthur South, Tex.-La. 1:31,680 ed. 1945

63. Comparison with Nautical Charts:

No. 533 1:40,000 ed. Aug. 1939 rev. Jan. 24, 1949

Lights No. 8, 12, 14, 16, 18 and 20 are not in the same relative positions as on the chart and, with the exception of No. 8, may have been rebuilt since 1943. *There are no other significant differences between T-8928 and the chart.*

64. Adequacy of the Compilation.-This map meets the National Standards of Accuracy and complies with project instructions.

Reviewed by:

Lena T. Stevens
Lena T. Stevens

APPROVED BY:

A. V. Griffith
Chief, Review Section *T.H.M.*,
Division of Photogrammetry

H. Edmiston
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading
Chief, Div. of Photogrammetry

W. M. Scaife
Chief, Division of Coastal
Surveys *L.S.H.*

SURVEY NO. T-8928

[illegible]

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

applied to case 884, March 9, 1950 M. H. Humberger

✓ ✓ 885 April 14, 1950 H. Kester