

# 8920

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-8920

### LOCALITY

State Louisiana

General locality Gulf Coast Intracoastal Waterway

Locality South Fork Black Bayou - Calcasieu  
river

1946-'47

### CHIEF OF PARTY

R.A.Gilmore, Chief of Field Party

T.B.Reed, Balto. Photo. Office

### LIBRARY & ARCHIVES

DATE November 29, 1950

9-1870-1 (1)

8920

## DATA RECORD

T-8920

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 datedCopy filed in Descriptive  
Report No. T- (VI)  
Div. Photogrammetry  
Office Files.Completed survey received in office:  
11-26-48

Reported to Nautical Chart Section: 12-10-48

Reviewed: 7-29-49

Applied to chart No. 884

Date: 9-17-49

Redrafting Completed: 4-27-50

Registered: 9-29-50

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): GRAND LAKE, 1931

Lat.: 30° 01' 47.654" (1467.3m) Long.: 93° 16' 18.292" (490.1)

Adjusted  
~~Used~~

State Plane Coordinates (VI): La. 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>
18632	11-23-46	1543	1:10,000	Not applicable
18633	"	1544	"	
18634	"	1545	"	
18635	"	1546	"	
18636	"	1549		
18637	"	1550		

Tide from (III): \_\_\_\_\_

Mean Range: \_\_\_\_\_

Spring Range: \_\_\_\_\_

Camera: (Kind or source) U.S.C. & G.S. nine lens, focal length  $8\frac{1}{4}$ "

Field Inspection by: H.A. Duffy  
J.S. Howell  
C.H. Bishop

date: 7-18-47 to 7-25-47

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: "

Control plotted by: J.C. Richter

date: 9-8-48

Control checked by: F.J. Tarcza

date: "

Radial Plot by: R.J. Tarcza

date: 10-1-48

Detailed by: M.K. Spencer

date: 10-7 to 10-29-48

Reviewed in compilation office by:  
J.W. Vonasek

date: 11-15 to 11-23-48

~~Elevations on Field Edit Sheet~~  
checked by: \_\_\_\_\_

date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 13

Shoreline (More than 200 meters to opposite shore): 26'

Shoreline (Less than 200 meters to opposite shore): 30

Number of Recoverable Topographic Stations established: 1

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:



FIELD REPORT

SHORELINE MANUSCRIPT, NO. T-8920

For field data covering survey T-8920 refer to the special report L 81(1947) Gulf Coast Intracoastal Waterway, Vermilion Bay, La. to Port Arthur, Texas, filed in the nautical chart branch. ✓



## RADIAL PLOT REPORT

PROJECT NO. PH-14(46)

SURVEYS NOS. T-8920, T-8922, T-8923, T-8924, and T-8925

### GENERAL DESCRIPTION

This radial plot includes the areas of Surveys Nos. T-8920, and T-8922 to T-8925, inclusive, comprising part of a series of shoreline surveys in Project PH-14(46), located along the Intracoastal Waterway in Louisiana and Texas. The area covered by this radial plot extends from longitude  $93^{\circ} 15'$  (near village of Grand Lake, La.), to longitude  $93^{\circ} 46'$  (near Sabine River south of Orange, Texas) and south to latitude  $30^{\circ} 01'$  on Sabine River.

### PHOTOGRAPHS

Two types of photographs were used in this radial plot. Twenty-eight (28) of the photographs were taken with the USC&GS nine-lens camera, focal length  $8\frac{1}{4}$  inches, scale 1:10,000. They are numbers 18630 to 18657, inclusive. This completes the nine-lens photography on Project PH-14(46).

Five photographs, taken with the single lens, Type C camera, 12" focal length at a scale of 1:24,000, and ratioed to a scale of 1:10,000, were used in the area along the south side of Survey T-8925, which was not covered by nine-lens photographs. These are as follows: photographs Nos. 47-C-1149 to 47-C-1153, incl.

The symbols for control and pass points used on the photographs are in accordance with photogrammetry instructions No. 12, dated 17 March 1947.

### CONTROL

Thirty-two (32) horizontal control stations were recovered and identified by the field inspection party in the area of this radial plot. Twenty-three (23) were pricked direct on the photographs and nine (9) were identified by the use of substitute points. Two stations were not recovered as described, but were identified. At station TT156LS (USGS) 1932, the original station was lost, but its location was pointed out by local residents and pricked directly. The original station ORANGE, OPEN WATER TANK, LUTCHER-MOORE CO., 1933, was a wooden tank. It was removed and a new steel tank erected in the same location. This was pricked direct and its location verified by the radial plot.

A sketch, showing distribution of control and photograph centers, and a list of horizontal control stations, are attached to this report.



### PROJECTIONS

The map manuscripts furnished the compilation office for these surveys were ruled with polyconic projections and Louisiana South, 5000-foot interval grids, at a scale of 1:10,000. Vinylite base sheets, ruled with base grids, scale 1:10,000, previously furnished the compilation office for another project, were used for this radial plot.

All control stations and substitute points were plotted and checked on the map manuscripts, using beam compass and meter bar. All identified control stations and substitute points were transferred to base sheets by matching common grid lines.

### TEMPLETS

Acetate templets were made of all photographs. For the nine-lens photographs, master templet No. 18743, furnished by the Washington Office, was used to correct for paper distortion and for chamber distortion and displacement. When making templets it was noted that there was a large amount of correction in chamber No. 5 on all nine-lens photographs. This suggests either some error in the master templet or in the settings of the projection printer for this chamber.

A new master templet for these photographs, No. 16664, dated September 1948, has been made but notification of its completion came too late for use in this radial plot. The new master templet may possibly correct the error in the aforementioned chamber.

### RADIAL PLOT

Pass points and photograph centers, from a radial plot previously completed on the east of this radial plot, were transferred to the base sheets. Holding these points, the plot was extended westward. In the area near the junction of Surveys T-8920 and T-8922 there was difficulty with control and tilted photographs. The substitute point at CALCASIEU, 1931, could not be held and the radial plot established its position about 30 meters north of the computed geographic position. Examination of pricking revealed that possibly Reference Mark No. 2 instead of No. 1 may have been used for establishing the substitute point. Its position was recomputed on this assumption and it was found possible to hold the new position in the radial plot. The remainder of the plot extending westward to Survey T-8925 was laid without difficulty. A strong fix was obtained on Survey T-8925 by several control stations in the City of Orange, Texas, and three substitute points near the intersection of three flight lines. One of these flights was of single-lens photographs which continue southward on Survey T-8926. Nine lens photographs on T-8925 are the last of this type in this project.

The positions of all pass points and photograph centers were transferred directly to manuscripts by placing the manuscript on the plot and matching common 5000 foot grid lines.



REMARKS

Three of the identified control stations could not be held in the radial plot.

As mentioned previously, the position of the substitute point at CALCASIEU, 1931, was recomputed. Originally the radially plotted position would have been about 3 mm. north of the geographic position and about due west from the position of CALCASIEU, 1931. The description of Reference Mark No. 2 was changed by the field inspection party. Also, this reference mark was located by angle and distance from a photo point. From an approximate location of reference mark No. 2 on the field photograph it appeared that the angle of  $46^\circ$  to the substitute point was correct for reference mark No. 2. On this assumption the position of SUBSTITUTE POINT, CALCASIEU, 1931, was recomputed. From the original description, and also the pricking card, CALCASIEU, 1931 is near the east-west ditch south of group of trees. R.M. No. 1 is also along this ditch in azimuth of  $87^\circ$ . The substitute point, being at the ditch intersection would have to be nearly on range between station and R.M. No. 1 instead of at an angle of  $46^\circ$ . It is recommended that the field party check this substitute point if practicable.

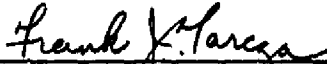
The radially plotted position of MUD LAKE BEACON, 1931, falls 0.8 mm. east of its geographic position. The field inspection party noted that Calcasieu River Daybeacon 3 stands in the approximate location of this station and it is believed to be the same structure. It was formerly a light but now has a flat top. The center of structure was pricked for the radial plot but it is not known on what point the original pointing was made by the party locating it. It is recommended that its location be checked. See Review T-8920

The radially plotted position of B 4180 (LA. G.S.), 1934 falls 1.2 mm southeast of its geographic position. No apparent reason can be found for this discrepancy. It may be an error in position since the geographic position falls in a road. It is recommended that this position be checked, if practicable. See Review Report, T-8920


The number and distribution of photographs were adequate. Control was sufficient and distributed well enough for a good radial plot. There was some difficulty with the flight of photographs along the junction between Surveys T-8920 and T-8922. There are three tilted photographs, Nos. 18636, 18637, and 18638, in this area. However, other photograph centers fall near 18636 and 18638 and cover the area so that a satisfactory plot could be made.



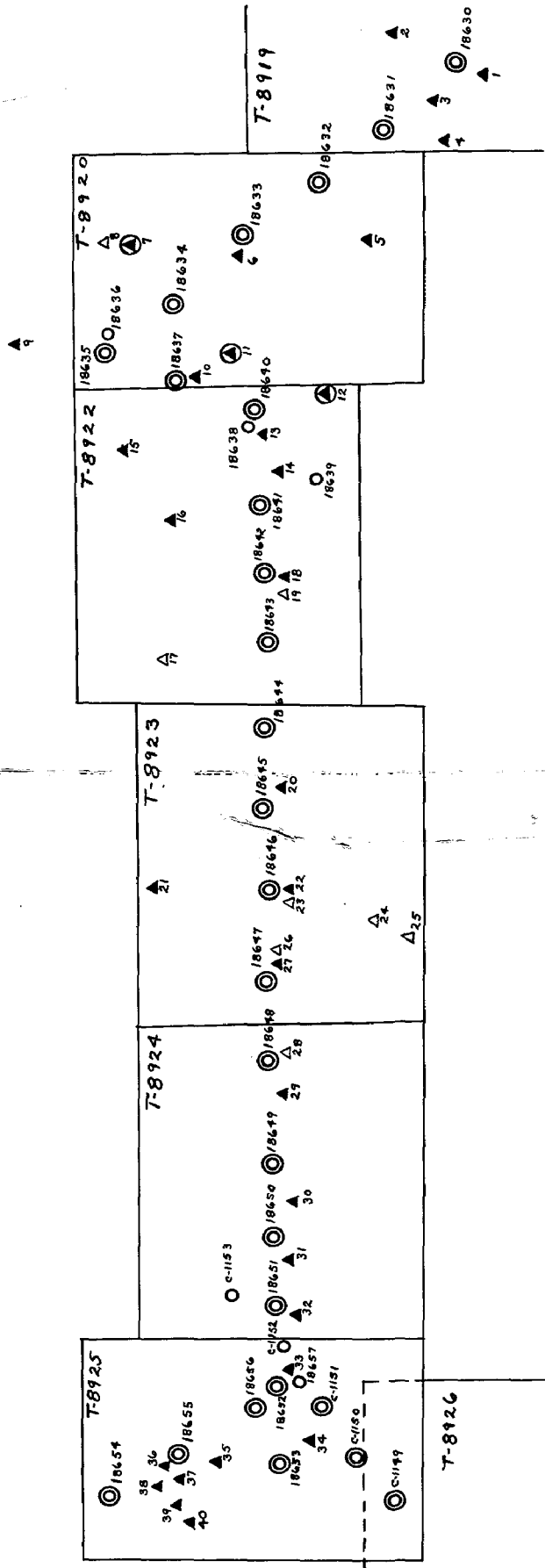
Respectfully submitted

  
Frank J. Tarca  
Frank J. Tarca  
Cartographic Engineer

Approved and forwarded  
14 October 1948

  
THOS. B. REED  
Officer in Charge  
Baltimore Photogrammetric Office

No.	Station	Recov.	Pricking
1.	NEW, 1934	Yes	Direct
2.	MCCAIN, 1934	Yes	Direct
3.	TT 156 LS (USGS) 1932	Lost	Direct
4.	GRAND LAKE CATHOLIC CHURCH, 1932	Yes	Direct
5.	GRAND LAKE, 1931	Yes	By Sub.Pt.
6.	TT 155 LS (USGS) 1932	Yes	Direct
7.	B 4180 (LA. G.S.) 1937	Yes	Direct
8.	TT 141 LS (USGS) 1932	No	None
9.	GUY, 1932	Yes	By Sub.Pt.
10.	B.M. M 5 (USE) 1933	Yes	Direct
11.	MUD LAKE BEACON, 1934	Yes	Direct
12.	CALCASIEU, 1931	Yes	By Sub.Pt.
13.	TT 144 LS (USGS) 1932	Yes	Direct
14.	B.M. M 6 (USE) 1932	Yes	Direct
15.	TT 143 LS (USGS) 1932	Yes	Direct
16.	TT 30 B (USGS) 1932	Yes	Direct
17.	TT 31 B (USGS) 1932	No	None
18.	BANK, 1933	Yes	By Sub Pt.
19.	B.M. M 7 (USE) 1933	No	None
20.	GARDINER, 1933	Yes	By Sub. Pt.
21.	TT 33 B (USGS) 1932	Yes	Direct
22.	B.M. 29, STATION 630 + 44.71 N (USE)	Yes	Direct
23.	TT 34 B, 1932	No	None
24.	TT 39 B, 1932	No	None
25.	GUM COVE LONE SILO, 1934	No	None
26.	B.M. M 11 (USE) 1934	No.	None
27.	B.M. 26, STATION 550 + 96.71 (USE)	Yes	Direct
28.	GUM, 1933	No	None
29.	B.M. 20, STATION 401 + 32.09 (USE)	Yes	Direct
30.	B.M. 15, STATION 299 + 93.99 (USE)	Yes	Direct
31.	B.M. 13, STATION 224 + 90.32 (USE)	Yes	Direct
32.	SPOIL, 1933	Yes	By Sub. Pt.
33.	HIGH, 1933	Yes	By Sub.Pt.
34.	STATION 574 + 77.6 (USE) 1933	Yes	By Sub. Pt.
35.	ORANGE, OPEN WATER TANK, LUTCHER-MOORE CO., 1933	New tank	Direct
36.	ORANGE, GULF STATES UTILITY CO. STANDPIPE, 1931	Yes	Direct
36.	ORANGE, GULF STATES UTILITIES EAST STACK, 1933	Yes	Direct
36.	ORANGE, GULF STATES UTILITIES, WEST STACK, 1933	Yes	Direct
37.	ORANGE, 1931	Yes	By Sub. Pt.
38.	ORANGE PRESBYTERIAN CHURCH DOME, PINNACLE, 1931	Yes	Direct
39.	ORANGE, COMMERCIAL PULP AND PAPER CO. TANK, 1933	Yes	Direct
40.	ORANGE CANNING PLANT STACK, 1931	Yes.	Direct



LAYOUT SKETCH  
 PROJECT NO. PH-14(46)  
 SURVEYS NOS. T-8920, T-8922,  
 T-8923, T-8924, & T-8925  
 F. H. T.

- Office Photographs
- Field Photographs
- ▲ Triangulation Stations (Identified and held)
- ◐ Triangulation Stations (Not held in radial plot)
- △ Triangulation Stations (Not identified)



MAP T. 8920

PROJECT NO. PH-14(46)

SCALE OF MAP 1:10,000

SCALE FACTOR

none

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\nu$ -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		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
						FORWARD	(BACK)	
GRAND LAKE, ✓ 1931	L.A. pg. 31	N.A. 1927	30 01 47.654 93 16 18.292			1467.3	380.2	
<del>SUB. PT. GRAND LAKE</del>			<del>30 01</del> <del>93 16</del>	<del>removed</del>		<del>1448.7</del>	<del>398.8</del>	<del>Removed from manuscript</del>
<del>MUD LAKE BEACON, 1934</del>	<del>G-1773 Pg. 55</del>	<del>"</del>	<del>30 04 17.55 93 19 23.28</del>	<del>changed to top</del>		<del>540.4</del>	<del>1307.1</del>	<del>See Review</del>
<del>GUY, 1932</del>	<del>G-1537 Pg. 17</del>	<del>"</del>	<del>30 08 07.781 93 19 09.363</del>	<del>north of sheet</del>		<del>239.6</del>	<del>1607.9</del>	<del>Beyond limits of sheet</del>
<del>SUB. PT. GUY</del>			<del>30 08</del> <del>93 19</del>	<del>not on sheet</del>		<del>230.0</del>	<del>1617.5</del>	<del>Beyond limits of sheet</del>
<del>BM-M5(USE), 1933</del>	<del>G-1537 Pg. 18</del>	<del>"</del>	<del>30 04 59.197 93 19 56.156</del>			<del>1822.8</del>	<del>24.7</del>	
<del>TT 155 LS 1932 (USGS)</del>	<del>Bayou Choupique Quad PA-25</del>	<del>"</del>	<del>30 04 10.896 93 17 10.924</del>			<del>335.5</del>	<del>1512.0</del>	
<del>TT 141 LS, 1932 (USGS)</del>	<del>Bayou Choupique Quad PA 25</del>	<del>"</del>	<del>30 07 27.75 93 16 56.79</del>	<del>North of sheet</del>		<del>854.52</del>	<del>999.0</del>	<del>Beyond limits of sheet</del>
<del>B-4180 (La.G.S.) 1937</del>	<del>Bayou Choupique Quad A 83</del>	<del>"</del>	<del>30 06 35.406 93 16 56.726</del>			<del>1090.2</del>	<del>757.3</del>	<del>See Review</del>
						<del>1518.7</del>	<del>87.6</del>	

1 FT. = 3048006 METER  
COMPUTED BY: M.F. Kirk

DATE 4 August 1948

CHECKED BY: F.J. Tarcza

DATE 12 Aug. 1948

M-2388-12



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 Calcasieu Lake from Grand Lake to Choupique Cutoff, La. 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.

The radially plotted position of MUD LAKE BEACON, 1931 falls 0.8 mm east of its geographic position. The field inspection party noted that Calcasieu River Daybeacon 3 stands in the approximate location of this station and it is believed to be the same structure. It was formerly a light but now has a flat top. The center of the structure was pricked for the radial plot but it is not known on what point the original point was made by the party locating it. It is recommended that its location be checked. *See Review Report.*

The radially plotted position of B 4180 (LA. G.S.), 1937 falls 1.2 mm southeast of its geographic position. No apparent reason can be found for this discrepancy. It may be an error in position since the geographic position falls in a road. It is recommended that this position be checked, if practicable. *See Review Report.*

27. RADIAL PLOT

Refer to the radial plot report for Surveys T-8920 etc. submitted to the Washington Office 14 October 1948. *Filed in Div Photogrammetry General Files.*

28. DELINEATION

The field inspection was adequate for the area covered by this survey. Limits of areas of marsh and high ground and interpretation of other inland features were determined by careful stereoscopic examination of the photographs.

The shoreline of part of an island below Calcasieu Channel Light No. 77 at the extreme southwestern portion of this survey was delineated as unsurveyed due to lack of photographic coverage and control.



30. MEAN HIGH WATER LINE

The mean tide range in this area is so slight that the MHWL and the MLWL are 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 and office interpretation. Numerous piles and snags in Calcasieu Lake were not visible on the photographs and could not be delineated.

33. WHARVES AND SHORELINE STRUCTURES

No comment

34. LANDMARKS AND AIDS TO NAVIGATION

Delineated according to field identification. Calcasieu River Buoys 19, 21, 26 and Calcasieu Channel Buoys 73, 75 and 79 are shown on the nautical charts but are not visible on photographs nor identified by field inspection. See forms 567 attached to this report for landmarks and aids to navigation as located by the radial plot.

Calcasieu River Light 28 is identified on field photograph No. 18635 as Light 26. The radially plotted position of this light is shown outside the limits of this survey.

35. HYDROGRAPHIC CONTROL

None

36. LANDING FIELDS AND AERONAUTICAL AIDS

None

37. GEOGRAPHIC NAMES 614 ✓

Geographic names were taken from the final name sheet furnished this office. A list of <sup>approved</sup> names is attached to this report.

39. JUNCTIONS

This survey is bounded by project limits to the north and south. Junctions with Survey No. T-8919 to the east and with Survey T-8922 to the west have been made and are in good agreement.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

This manuscript was compared with United States Geological Survey Moss Lake quadrangle and is in good agreement except for the following features which do not appear on the quadrangle:

The cut making the Calcasieu Channel below Choupique Cutoff.

~~Fills and levees~~ **Several spoil-banks**

~~Fills and levees~~ along portions of the Intracoastal Waterway.

45. COMPARISON WITH NAUTICAL CHARTS

This manuscript was compared with U.S.Coast and Geodetic Survey Charts No.591 and No. 592 and found to be in good agreement with the exception of the following features:

Wreck near Calcasieu River Light No. 12 is not visible on the photographs nor identified by field inspection.

Location of Calcasieu River Light No. 12 on nautical chart No. 592 is approximately 100 meters west of present site.

The following topographic information shown on T-8920 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 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  
23 November 1948

Waris W. Spencer  
Engineering Draftsman

Harry R. Rudolph  
Supervisor

Joseph W. Vouasok  
Photogrammetric Engineer  
Photogrammetric Office Reviewer

Approved and forwarded  
26 November 1948

Thos B. Amund  
Officer in Charge  
Baltimore Photogrammetric Office









DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
~~TO BE DELETED~~

STRIKE OUT ONE

Baltimore, Md. November 19, 1948

I recommend that the following objects which ~~have not~~ (have not) been inspected from seaward to determine their value as landmarks, be charted on ~~charts~~ the charts indicated.

The positions given have been checked after listing by Joseph W. Vonasek

*Joseph W. Vonasek*  
Chief of Party

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	NEARBY CHARTS AFFECTED
				LATITUDE		LONGITUDE					
				°	'	°	'				
Louisiana											
	Calcasieu Channel Daybeacon 91			30 04	428	93 19	1060	N.A. 1927	X	1947	884 592
	Calcasieu Channel Daybeacon 93			30 04	773	93 19	1031	"	X	"	"
	Calcasieu Channel Light 95			30 04	1156	93 19	1006	"	X	"	"
	Calcasieu River Light 4			30 04	930	93 18	1516	"	X	"	"
	Calcasieu River Light 6			30 04	1238	93 18	530	"	X	"	"
	Calcasieu River Light 8			30 05	429	93 17	1555	"	X	"	"
	Calcasieu River Light 10			30 06	211	93 18	514	"	X	"	"
	Calcasieu River Light 12			30 06	312	93 18	1106	"	X	"	"
	Calcasieu Channel Range Front Light			30 05	1418	93 19	760	"	X	"	"
	Calcasieu Channel Range Rear Light			30 06	483	93 19	689	"	X	"	"
	Calcasieu River Light 2			30 04	54	93 19	929	"	X	"	"
	Calcasieu Channel Light 87			30 03	1541	93 19	1122	"	X	"	"
	Calcasieu Channel Light 85			30 02	596	93 19	1323	"	X	"	591 884
	Calcasieu Channel Daybeacon 83			30 02	150	93 19	1356	"	X	"	591

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 NAME LIST

- ✓ • Bayou Choupique ✓
- ✓ • Black Bayou ✓
- ✓ • Black Bayou Ferry ✓
- ✓ • Burtons Landing ✓
- ✓ • Calcasieu Channel ✓
- ✓ • Calcasieu Lake ✓
- ✓ • Calcasieu River ✓
- ✓ • Choupique Cutoff ✓
- ✓ • Choupique Island ✓
- ✓ • Coulee Hypolite ✓
- ✓ • Crab Gully ✓
- ✓ • Cutoff Point ✓
- ✓ • Devils Elbow ✓
- ✓ • East Pass ✓
- ✓ • Grand Lake ✓ (= village)
- ✓ • Intracoastal Waterway ✓
- ✓ • Moss Lake ✓
- ✓ • Mud Lake ✓
- ✓ • Old Canal ✓
- ✓ • South Fork Black Bayou ✓
- ✓ • Turner Bay ✓
- ✓ • West Pass ✓

• State No. 211 (North from village of Grand Lake) ✓

Names preceded by •  
are approved. 7-19-49  
L. Heck

247

Review Report  
Shoreline Sheet T-8920

26. Control

Triangulation station Mud Lake Beacon, 1934, was removed from the manuscript because of the uncertainty (as indicated by the 1947 recovery) that the present structure and the 1934 beacon are identical. The fact that the station could not be held in the radial plot corroborated the possibility that it has been removed or rebuilt. However its radially plotted position was scaled and a form 524-titled Calcasieu River Day-beacon No. 3 has been placed in the general files of the Division of Photogrammetry. As a non-floating aid for charts, the same object was listed on a form 567 which has been placed on file in the Nautical Chart Branch of the Division of Charts.

Triangulation Station B 4180 (La. G.S.) was not held in the radial plot; it fell in an undetailed area on the manuscript, and since no C. & G. S. position exists for this station and it was not needed for control, it was deleted.

44. Comparison with Existing Surveys

A. Quadrangles:

Moss Lake, La.      1:31,680      1932

B. Topographic Surveys:

T-4772      1:20,000      1933

*T-8920 supersedes this survey for nautical charting purposes.*

C. Hydrographic Surveys:

There are no contemporary surveys covering this area.

45. Comparison with Nautical Charts

591	1:40,000	1949 (latest correction date)
592	1:40,000	1947 (latest correction date)
1051	1:175,000	1948 (latest correction date)

*There are no significant differences between T-8920 and the nautical charts.*

47. Adequacy of Compilation

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

Reviewed by:

Howard J. Murray  
Howard J. Murray  
July 29, 1949

Approved by:

A. V. Griffith  
Chief, Review Section E. N. M.

H. Edmonston  
Chief, Nautical Chart Branch  
Division of Charts

E. H. Kusch  
Asst. Chief, Division of Photo-  
grammetry

W. M. Scaife  
Chief, Division of Coastal Surveys  
25 #