

8894

8894

Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey <u>Shoreline (Photogrammetric)</u>	
Project <u>Ph<sup>14</sup>-(46)</u> Office No. <u>T-8894</u>	
LOCALITY	
State <u>Louisiana</u>	
General locality <u>Intracoastal Waterway</u>	
Locality <u>Morgan City - Lower Atchafalaya River</u>	
<u>194 8</u>	
CHIEF OF PARTY	
<u>R.A. Gilmore, Chief of Field Party Div. of Photogrammetry, Wash., D.C.</u>	
LIBRARY & ARCHIVES	
DATE <u>Feb. 11, 1949</u>	

## DATA RECORD

T- 8894 (Shoreline)

Quadrangle (II):

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

Field Office:

Chief of Party: R. A. Gilmore

Compilation Office:

Chief of Party: L. C. Lande

Graphic Compilation Section  
Div. of Photogrammetry, Washington OfficeInstructions dated (II III): *Updated* Copy filed in Descriptive  
Report No. T- (VI)*Office Files Div of  
Photgy*

Completed survey received in office:

~~1947~~ *3/24/48*Reported to Nautical Chart Section: *5/13/48*Reviewed: *12/23/48*Applied to chart No. *880*Date: *12/48*

Redrafting Completed:

*June 22, 1950*Registered: *1/6/48*

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): MORGAN, 1931

Lat.:  $29^{\circ} 43' 06.921''$   
213.1 m.Long.:  $91^{\circ} 12' 43.905''$   
1180.1 m.Adjusted  
Unadjusted

State Plane Coordinates (VI):

South Zone

X = 2,038,452.82'

Y = 382,546.18'

Military Grid Zone (VI)

Zone C

X = 765,926.4 yds.

Y = 694,175.3 yds.

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
18488	11-23-46	11:30	1:10,000	----
18489	"	11:31	"	
18490	"	11:32	"	
18528	"	1:13	"	
18530	"	1:14	"	
18531	"	1:15	"	
18532	"	1:16	"	
18533	"	1:24	"	
18534	"	1:25	"	
18535	"	1:26	"	

Tide from (III): No tide

Mean Range: Spring Range:

Camera: (Kind or source) USC&GS Nine-lens

Field Inspection by: R. A. Gilmore, Chief of Party date: 1947

Field Edit by: date:

Date of Mean High-Water Line Location (III): November 1946

Projection and Grids ruled by (III) T.L. Janson date: Mar. 21, 1947

" " " checked by: T.L. Janson date: Mar. 21, 1947

Control plotted by: Chas. Theurer date: Oct. 3, 1947  
S. G. Blankenbaker

Control checked by: L. M. Gazik date: Oct. 4, 1947

Radial Plot by: L. M. Gazik & S. Blankenbaker date: Oct. 16, 1947

Detailed by: R. J. French date: Jan. 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:

Number of Temporary Hydrographic Stations located by radial plot:

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:

MAP T. 8894.25 & 96 PROJECT NO Ph-14 (46) SCALE OF MAP 1:10,000 SCALE FACTOR 1.00

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\mu$ -COORDINATE LONGITUDE OR $x$ -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		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)	
Berwick Catholic Church, 1931	Hor. & Ver. Con. USE	NA 1927	29° 41' 36.171	30.790	1113.70	733.69	1113.70	733.69	
Texas Oil Co. Shook Mill Water Tank - 1931	"	"	29 41 13.774		<del>99.36</del>	<del>1513.68</del>	<del>424.10</del>	<del>1423.30</del>	Destroyed
<del>X</del> Old N. Bend Sugar Mill, Brick Stack - 1931	"	"	29 41 10.427		<del>280.24</del>	<del>1532.82</del>	<del>280.24</del>	<del>1532.82</del>	
Foster - 1931	"	"	29 41 00.83		25.56	1821.84	25.56	1821.84	
U.S.E. 2551 / 87.28	"	"	29 28 19.90		535.05	1078.17	535.05	1078.17	
Possum - 1933			29 41 40.577		1249.36	598.03	1249.36	598.03	
U.S.E. 2918 / 75.48			29 27 44.443		1194.80	418.23	1194.80	418.23	
U.S.E. 3132 / 01.43			29 26 27.039		1.78	1845.61	1.78	1845.61	
Idlewild 1931			29 37 53.357		727.10	886.35	727.10	886.35	
WAX - 1931			29 24 13.906		1642.86	204.54	1642.86	204.54	
U.S.E. 2375 / 69.37			29 38 22.049		374.08	1239.97	374.08	1239.97	
			29 19 53.902		678.89	1168.51	678.89	1168.51	
			29 39 06.476		1449.91	164.03	1449.91	164.03	
			29 16 02.937		199.40	1648.00	199.40	1648.00	
			29 39 47.160		78.99	1534.77	78.99	1534.77	
			29 17 45.233		1452.06	395.34	1452.06	395.34	
			29 39 30.152		1216.45	397.13	1216.45	397.13	
			29 14 32.809		928.38	919.02	928.38	919.02	
			29 41 20.974		882.35	731.26	882.35	731.26	
			29 29 23.325		645.79	1201.61	645.79	1201.61	
					627.09	986.00	627.09	986.00	

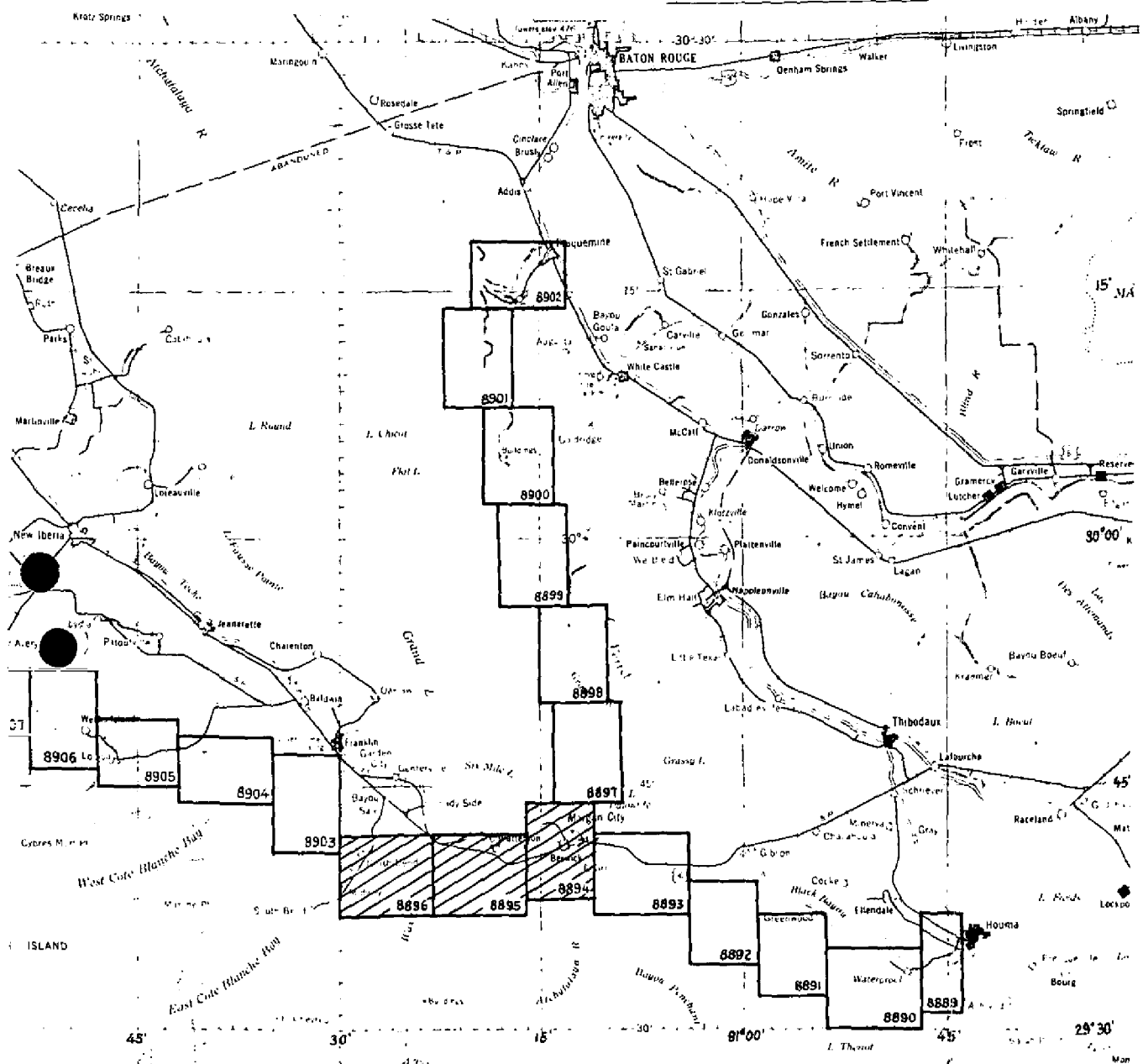
1 FT. = 3048006 METER  
 COMPUTED BY: S.G.B.  
 DATE: Oct. 2  
 CHECKED BY:  
 DATE:  
 M. 2388-12

MAP T-8894.25.96 PROJECT NO Ph-14(116) SCALE OF MAP 1:10,000 SCALE FACTOR 1.00

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $x$ -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 DATUM		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
						FORWARD	(BACK)	
WAX - 1931	USC&GS	NA1927	29° 39' 30.152 91 14 32.809			928.4	919.0	<i>See page 1</i>
Atchafalaya Ri.	"	"	29 39 29.473	✓		882.3	731.4	
South Base 1931	"	"	91 14 34.302			907.5	939.9	
1889			29 43 06.921	✓		922.5	691.2	
Morgan, 1931	"	"	91 12 43.905			213.1	1634.3	
Avoca Island Drainage Co.	"	"	29 39 54.102			1180.1	432.6	
Brick Stack 1931	"	"	91 11 56.781	✓		1665.8	181.6	
Morgan City	"	"	29 41 40.117			1526.9	86.8	
Municipal Tank, 1931	"	"	91 12 29.132	✓		1235.2	612.2	
PEM2540 88.16	USE	"	29 40 07.408			783.2	830.0	
PEM 56, 1931	MRC	"	91 27 13.214			228.09	1619.31	
Morgan City, Gulf		"	29 41 31.237	✓		355.34	1258.12	
Crushing Co. 1931	"	"	91 12 55.557			961.7	885.7	
			29 41 26.037	✓		1493.6	119.6	
			91 12 30.313	✓		801.7	1045.7	
						815.0	798.2	

MAP T-8894.95.96 PROJECT NO. Ph-14(46) SCALE OF MAP 1:10,000 SCALE FACTOR 1.00

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-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)
Patterson Spire	USC&GS	NA	29 41	32.032					986.3	861.1		
St. Joseph Ch.	1931	1927	91 18	12.742					342.6	1270.6		
Patterson	"	"	29 41	49.806					1533.5	313.9		
Municipal Tank	1931	"	91 18	08.139					218.8	1394.4		



T 8874



Descriptive Report: T-8894  
Project: Ph-14(46) Intracoastal Waterway, Louisiana  
Location: Morgan City - Lower Atchafalaya River  
Scale: 1:10,000

This report is concerned with the sixth of a series of shoreline sheets which cover the Intracoastal Waterway from Houma, Louisiana, to Corpus Christi, Texas. The project was undertaken to furnish the necessary data to prepare a new series of inland waterway charts at 1:40,000 scale.

The field party located the aids, landmarks, and other pertinent detail by identifying ~~it~~<sup>them</sup> on the photographs for compilation in this office. The field work was accomplished by Lt. Comdr. R. A. Gilmore, Chief of Party.

Compilation ~~notes~~<sup>was</sup> were made from field records and photographs and instructions from Special Report L. 533 (1947), Houma, Louisiana, to Vermilion Bay, Louisiana, and is filed in the Nautical Chart Branch.

No additional 1947 planetable work was furnished for this sheet.

Compilation Report - T-8894

26. Control.

All control that was recovered in the field was held in the plot and used in the compilation. U.S.C. & G.S. triangulation was used entirely.

27. Radial Plot.

The radial plot is part of the continuous radial plot which extends along the Intracoastal Waterway from Houma, La. westward. This section of the radial plot includes the sheets T-8894, T-8895, and T-8896.

One continuous plot of 22 acetate templates, made for as many nine-lens photographs, was laid for T-8894, T-8895, and T-8896. The following twelve stations recovered in the field were used as control and were held in the plot:

- MORGAN, 1931
- ~~TEXAS OIL CO., SHOOKMILL WATER TANK, 1931~~ Destroyed
- BERWICK, CATHOLIC CHURCH, CROSS, 1931
- MORGAN CITY, GULF CRUSHING CO., STEEL DERRICK, 1931
- AVOCA 1. DRAINAGE CO., BRICK STACK, 1931
- WAX, 1931, SUBSTITUTE STATION
- ATCHAFALAYA RIVER NORTH BASE, ~~1931-1889~~
- PATTERSON, ST. JOSEPH'S CATHOLIC CHURCH, SPIRE, 1931
- IDLEWILD, 1931
- OLD N. BEND SUGAR MILL, BRICK STACK, 1931
- FOSTER, 1931, SUBSTITUTE STATION
- U.S.E. 2375 + 69.37

Bateman Lake Light #4 and Atchafalaya River Light #9 (Topo Station "Pot") scaled from T-6299a could not be held in the plot. Sweet Bay Light #7, scaled from the same sheet and plotted on a tab, was held with only one cut.

Atchafalaya River Beacon #7, 1933 and Sweet Bay Lake Light #7 have been identified on field photograph #18532 as being identical. However, the geographic position of the Beacon is different than the position of the Light as found on T-6299a. The point as recovered on the field photograph held (one cut) in the plot to the position of the Light on T-6299a and not to the geographic position of the Beacon (a non-check position). An investigation of this station shows that one azimuth was to another beacon, resulting in an erroneous position.

T-8894

This manuscript was adequately covered with control, mostly U.S.C. & G.S., and the plot held satisfactorily to such control. ATCHAFALAYA RIVER SOUTH BASE, 1889, was recovered but not used because a recovery card was furnished for WAX, 1931, SUBSTITUTE STATION which was only a few meters from the SOUTH BASE station. ATCHAFALAYA RIVER NORTH BASE, 1889, held although transfer of the field picked point to other photographs was difficult due to the displacement of tall timber close by. Consequently, in compilation one or two cuts on the photographs may more than shade the station. Position for topo station "Pot" (ATCHAFALAYA RIVER LT. #9) recovered in the field did not hold to the position on T-6299a.

T-8895

This sheet had two control stations in the eastern portion that were held. Stations U.S.E. 2918 + 75.48, U.S.E. 3132 + 01.43 and U.S.E. 3126 + 29.42 were picked in heavily wooded areas and could not be transferred with any certainty. The U.S.C. & G.S. stations IDLEWILD, 1931, and PATTERSON, ST. JOSEPH'S CATHOLIC CHURCH, SPIRE, 1931, about which there seemed no question of recovery or photo identification were held in the plot.

T-8896

Three stations in the western portion of this sheet held. U.S.E. 2551 + 87.28, SUBSTITUTE STATION and POSSUM, 1933, SUBSTITUTE STATION could not be held because of incomplete and doubtful field data. The recovery card for U.S.E. 2540 + 88.16 recovered the station "as described" in U.S.E. "Horizontal and Vertical Control", Belle Isle Quad. La. But the description and geographic position given in that publication are inconsistent and it would seem that the figure for longitude is in error if the recovery is accepted as verifying the description.

The adjoining areas of T-8895 and T-8896 while not adequately controlled are believed to be of sufficient accuracy for smaller scale charts.

T-8894 joined T-8893 satisfactorily by holding to adjoining control, pass points and the overlapping azimuth (photos 18488 and 18487) established by the previous radial plot for T-8889 to T-8893 inclusive.

T-6298, T-6299a, T-6178a, and T-6300 covering portions of the same area as the plot were used for supplementary control and detail.

Nine-lens photographs, scale 1:10,000, used in the plot are listed below:

<u>T-8894</u>		<u>T-8895</u>		<u>T-8896</u>	
18488 - 90	11/23/46	18532	11/23/46	18538 - 44	11/23/46
18528	"	18535 - 39	"	18546	"
18530 - 35	"	18542	"		

#### 28. Detailing.

There is adequate photographic coverage at 1:10,000 for all except the extreme northwest corner of the sheet. Scale 1:20,000 pictures were used in the area to show the tip of Berwick Island bordered by Riverside Pass in Six Mile Lake.

In Morgan City and vicinity, the fixed aids and landmarks, and shoreline structures, bridge information, and high water line were generally field inspected. It is recommended the field party check closely on small dock structures all along both sides of Berwick Bay and along the western shore of Lower Atchafalaya River in the edit work.

The detailing of the shoreline of Lake Palourde, where the water line is obscured by trees and floating weeds and hyacinths, is shown with an indefinite symbol. Field edit should clarify the position in that area.

The extent of levees as shown on the U.S.E.D. Quad., Morgan City, La., cannot be readily determined from stereoscopic examination in the office. Likewise, the position of the individual oil wells as shown on the Morgan City, La. Quad. could not be located. The numerous drainage ditches in the cultivated areas have been purposely omitted, and only the major ones have been shown.

#### 29. Supplemental Data.

Graphic control surveys T-6298 and T-6299a had no additional work in 1947. This sheet and the planetable surveys agree in general outline. The T-6298 survey at

1:10,000 scale, when superimposed by this sheet shows good registration for those features that have not changed since the original work was done in 1934. They served to supplement this sheet for geographic names as well as for a check on the accuracy of the plot.

U.S.E.D. Quads Morgan City, La., 1:62,500, 1935 edition, and Belle Isle, 1941 edition, 1:62,500, were used for interpretation and geographic names.

### 32. Details Offshore from the High Water Line.

The presence of what appear to be piling structures in the Lower Atchafalaya River near the village of Glenwild on the south side of Berwick Island was not field inspected. This should be done by field edit for clarification. The extent of shoal areas has been shown from stereoscopic interpretation only. There are many cypress trees which grow out into the water which is characteristic of this low, swamp country. A general symbolization has been given those that appear to be out from the high water line.

### 33. Wharves and Shoreline Structures.

Numerous pile dock and shoreline structures were shown without benefit of field inspection. However, those that are shown appear to be permanent features.

### 34. Landmarks and Aids to Navigation.

Two landmarks were positively identified and intersected with three or more intersections, and their geographic positions are shown on Form 567.

Ten fixed aids to navigation were field inspected and intersected with three or more radial line cuts. Their geographic positions are shown on Form 567.

Bayou Boeuf Lt. 1 was not pricked with ink on the photograph and the pencil leader was obliterated. However, what appeared to be a light structure in close proximity of the penciled name was cut in and its position scaled. Field edit should verify this position.

Four buoys were located (Nos. 2, 4, 6, & 8) in the vicinity of Middle Island where the new channel parallels the Causeway and new highway.

*Disc. Feb. U.S.C.G. 7/8/49  
JFR*

44. Comparison with Existing Topographic Quadrangles.

Topographic quadrangle U.S.E.D. Morgan City, La., 1935 edition, does not show the cut off and highway between Flat Lake and Lake Palourde which is new. There is a ferry at Pharr, no longer a bridge. It is not possible to show the system of retaining levees in the vicinity of Glenview and Fairview Plantation, as indicated on the quad, without benefit of field inspection. This holds for the levee shown on the east bank of Bayou Shaffer. The photo compilation shows more canals and oil operations on Bateman Island and the office interpretation of the extensive marsh area on Avoca Island is considerably changed. The small island at the entrance to Little Wax Bayou and the Intracoastal Waterway has been cut back.

Numerous dock structures have been shown on this manuscript since the 1935 edition of the quad was published.

The Belle Isle Quad is in general agreement with this manuscript.

45. Comparison with Nautical Charts.

Comparison with nautical chart 1050, latest print 11-3-47, shows the charted information to be in general agreement. However, most of the changes mentioned in 44 above also pertain to chart 1050. The map compilation should supersede the charted information and in the following specific instances:

1. Fixed bridge vertical clearance should be 56.7 ft. (Max.).
2. Swing bridge vertical clearance should be 12.83 ft. (closed).
3. The road on the levee from Morgan City northward is now complete and should be charted.
4. The road from Morgan City northward across Tiger Island to the dock on Lake Palourde should be added.

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

Submitted by: Roscoe J. French  
Roscoe J. French

Date: February 16, 1948

~~See following page for July '48 additions~~

KTA  
7/8/48  
7/5/48

734

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

File  
T-8894

POST-OFFICE ADDRESS: Box 939, Morgan City, Louisiana  
TELEGRAPH ADDRESS:  
EXPRESS ADDRESS:

7 June 1948

To: Chief, Division of Photogrammetry  
U. S. Coast and Geodetic Survey  
Washington 25, D. C.

Subject: Woodland Classification on Shoreline Manuscripts, Project  
Ph-14

Reference: Letter No. 711-rs, dated 3 June 1948

After discussing the subject of woodland classification with the men doing the field inspection the conclusion was reached that the TM classification of woodland areas as defined in Photogrammetry Instructions No. 15 is generally correct within the limits of this project.

This fact was further verified by information received from a local lumber mill. At one time the woodland areas in this vicinity were largely cypress swamps. A large percentage of the cypress has been cut in lumbering operations and deciduous trees have grown up replacing the cypress.

At the present time there is a varying percentage of deciduous and cypress trees in the swamp areas. It is probably safe to assume that all wooded swamp areas in this locality would come under the TM classification although in some cases the field inspector may have decided the deciduous trees were predominant and labeled the area TH.

The above classification of woodland areas are made under the assumption that cypress would be classed as TS. Strictly speaking, however, cypress isn't an "evergreen" tree. It is a coniferous tree of the pine family and as such should, it is thought, be classified as TS.

The only Ph-14 manuscript we have on hand now is T-8894. On it "cypress swamp" has been changed to "mixed swamp." All other Ph-14 manuscripts we have had were sent to the compilation office. It is not known in all cases what changes have been made on them but it is thought, as stated above, that the TM or "Mixed swamp" classification is correct for practically the entire area with the finished smooth draft of the wooded area to contain the cypress symbol and no pine symbols.

It is suggested that a better classification than one of the three listed in par. 10 of Photo. Instructions No. 15 would be "TH and Cypress" rather than TM. Par. 12 covers the treatment of a cypress swamp but the instructions aren't entirely clear on the treatment of mixed woods.

*Charles W. Clark*

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Charles W. Clark  
Lieut. U.S.C.&G.S.  
Chief of Party

CC: Officer in Charge  
Baltimore Photogrammetric Office



**NONFLUORESCENT AIDS OR LANDMARKS FOR CHARTS**

**TO BE CHARTED**  
**TO BE DELETED**

STRIKE OUT ONE

25 July  
20 Dec. 1947

Lake Charles, La.  
Washington, D. C.

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

The positions given have been checked after listing by

R. A. Gilmore  
L. C. Lande

Chief of Party.

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	OFFSHORE CHART	CHARTS AFFECTED	
				LATITUDE		LONGITUDE							DATUM
				°	'	°	'						
STACK	Louisiana	Berwick Lime Co. black, 60 ft. high	Signal Name: <i>Deleted from chart 107-533 (1947) Colman</i>	29	41	91	12	N.A. 1927	Photo. July '47 Comp. Jan. '48	X	X	880 1050	
TOWER	Louisiana	Morgan City Gulf Crushing Co. loading derrick	114	29	41	91	12	"	Triang. 1931	X	X	880 1050	
<p>Plotted and scaled by: <i>R. J. French</i>                  Checked by: <i>R. J. French</i>  <i>E. H. Clancy</i>                  Washington, D. C.</p>													
<p>These OP's are also listed in L. 533 (1947) page 11, filed in Nautical Chart Br.</p>													

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.

TO BE CHARTED  
~~NONFLOATING AIDS~~  
STRIKE OUT ONE

### NONFLOATING AIDS ON ~~EXISTING~~ CHARTS Lake Charles, La. Washington, D. C.

25 July  
20 Dec. 1947

I recommend that the following objects which have ~~(been inspected)~~ been inspected from ~~astronomy~~ to determine their value as landmarks be charted on ~~(existing)~~ the charts indicated.  
The positions given have been checked after listing by **R. A. Gilmore  
L. O. Lando**

STATE	LOUISIANA	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	OFFSHORE CHART	CHARTS AFFECTED	
					LATITUDE		LONGITUDE							DATUM
		° ' "		D. M. METERS		° ' "		D. P. METERS						
Lt. 9	Atchafalaya River				29 37	895	91 15	824	N.A. 1927	Photo. July, '47 Comp. Jan., '48	X	X	880 1050	
* Lt. 4	Bateman Lake			L 533 (1917) 16000 210	29 38	535	91 14	425	" "	" "	X	X	"	
Lt. 11	Atchafalaya River				29 38	99	91 14	1249	" "	" "	X	X	880 1050	
Lt. 13	Atchafalaya River			L 243 (1918) 1400 210	29 38	419	91 14	854	" "	" "	X	X	"	
Lt. 4	Bayou Boeuf			" 41	29 41	622	91 12	763	" "	" "	X	X	"	
Lt. 5	Bayou Boeuf			" 41	29 42	384	91 12	941	" "	" "	X	X	"	
* Lt. 1	Grand Pass Light			" 41	29 43	1270	91 12	601	" "	" "	X	X	"	
* Lt. 1	Morgan City - Flaquemin			" 41	29 43	843	91 12	588	" "	" "	X	X	"	
Lt. 1	Bayou Boeuf			" 41	29 41	115	91 11	866	" "	" "	X	X	"	
Lt. 2	Wax Bayou			" 41	29 39	930	91 14	889	" "	" "	X	X	"	
Plotted by: R. J. French Scaled by: R. J. French Checked by: E. H. Roney														
* These OP's are also listed in L. 533 (1947), pages 5-6, filed in Nautical Chart Br.														

Chief of Party

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.

Addition to Descriptive Report T- 8894

July 1948

The area of this shoreline survey will also be covered by 1:20,000 scale planimetric mapping, project Ph-21(47).

The photogrammetric field surveys for project Ph-21(47) were completed in June 1948, and some of the data received in the office prior to completion of the compilation of this manuscript.

The Ph-21 data show certain changes and corrections to T- 8894 which have occurred since the date of the field inspection for T- 8894, project Ph-14(46). The more important of these changes have been made on manuscript T- 8894 and are shown thereon in red ink. These changes in red have been applied prior to review and prior to the application of T- 8894 to the nautical charts, and thus may be considered as a part of the original data for T- 8894.

GEOGRAPHIC NAMES

Survey No.

T-8894

Name on Survey

On Chart No.  
On previous survey No.  
On U. S. quadrangle Maps  
From local information  
On local Maps  
P. O. Guide or Map  
Rand McNally Atlas  
U. S. Light List

	A	B	C	D	E	F	G	H	K
Morgan City ✓									1
Berwick ✓									2
Pharr ✓									3
Glenwild ✓									4
Lower Atchafalaya River ✓									5
Bayou Boeuf ✓									6
Little Wax Bayou ✓									7
Big Wax Bayou ✓									8
Bayou Shaffer ✓									9
Honey Bayou ✓									10
Berwick Bay ✓									11
Bateman Lake ✓									12
Lake Palourde ✓								US&B	13
Stouts Pass ✓									14
Drews Pass ✓									15
Middle Pass ✓									16
Croesus Pass ✓									17
Berwick Island ✓									18
Drews Island ✓									19
Middle Island ✓									20
Rabbit Island ✓									21
Bateman Island ✓									22
Avoca Island ✓									23
Intracoastal Waterway ✓								US&B	24
Beers Island ✓									25
Duck Bayou ✓									26
Flat Lake ✓									27

GEOGRAPHIC NAMES

Survey No.

T-8894

Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List		
	A	B	C	D	E	F	G	H	K	
										1
Bayou Perault ✓									USGR	2
Southern Pacific RR ✓										3
U.S. 90 ✓										4
Avoca Island Ferry ✓										5
Bayou Train ✓										6
Honey Island ✓										7
Long-Allen Bridge ✓										8
Simmons Bayou ✓										9
Little Bayou Black ✓										10
TIGER ISLAND										11
										12
										13
										14
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										26
										27

(added names)

Names underlined in red are approved. 12/22/48 L.H.

Division of Photogrammetry  
Review Report of  
Shoreline Map Manuscript T-8894

28. Detailing.--The original compilation was adequate except for minor additions and corrections made by the reviewer. These changes have been shown in blue ink. There was no vertical clearance given for the overhead cable crossing between the two bridges at Morgan City.

*Is it overhead or submerged??*

44. Comparison with Existing Topographic Quadrangles.--

a. Quadrangles

USE Belle Isle, La.	1:62,500	1940
USE Morgan City, La.	1:62,500	1935

b. Topographic Surveys

T-1824	1:10,000	1888
T-6298	1:10,000	1934
T-6299	1:20,000	1934

*There are no contemporary hydrographic surveys in this area.*

45. Comparison with Nautical Charts.--

1050	1:175,000	1939-1948
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The map manuscript has been applied to chart 880, <sup>one of</sup> a new series, prior to review.

47. Adequacy of the Compilation.--Field inspection <sup>Examined again after review J. B. H. Helmer</sup> was generally adequate in the immediate vicinity of the Intracoastal Waterway. In the future, this same area will be covered by planimetric map manuscripts T-9019 and T-9020 which should give more complete coverage.

Reviewed by:

B. Thomas Hynson  
B. Thomas Hynson  
Cartographer (Photo)  
12-23-48

APPROVED:

S. V. Griffith  
S. V. Griffith *R.H.M.*  
Chief, Review Section

H. C. Edmonston  
Chief, Nautical Chart Br.  
Div. of Charts

K. T. Adams  
Chief, Div. of Photogrammetry

C. J. Green  
Chief, Div. of Coastal  
Surveys

# NAUTICAL CHARTS BRANCH

SURVEY NO. \_\_\_\_\_

## Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
12/20/48	880	Helmer	Before After Verification and Review (Examined again after review 7-7-49 A)
			Before After Verification and Review
			Before After Verification and Review
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			Before After Verification and Review
			Before After Verification and Review

M-2168-1

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 Iww 880 12/20/48 Helmer

Applied to Lt 1276 (partially) 3-30-49 Plegman