

8921

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-11 (16) Office No. T-8921

LOCALITY

State LOUISIANA

General locality INTRACOASTAL WATERWAY

Locality MORGAN CITY TO PLAQUEMINE
SIXMILE LAKE--LAKE PALOURDE

194 7

CHIEF OF PARTY

R. A. Gilmore

LIBRARY & ARCHIVES

DATE June 25, 1951

1200

DATA RECORD

T- 8921

Quadrangle (II):

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

Field Office: Lake Charles, La. Chief of Party: Lt. Comdr. R. A. Gilmore
L

Compilation Office: Wash., D.C. Chief of Party: L. C. Lande

*Division of Photogrammetry
Graphic Compilation Section.*Instructions dated (II III):
Undated*Office files, Division of
Photogrammetry*
Copy filed in Descriptive
Report No. T- (VI)

Completed survey received in office: 4/23/48

Reported to Nautical Chart Section: 4/23/48

Reviewed: 1/10/49

Applied to chart No. 880+881 Date: Dec 1948

7/7/49 + 5/5/49

Redrafting Completed:

July 5, 1950

Registered: 5/1/51

Published: _____

Compilation Scale: 1:20,000

Published Scale: _____

Scale Factor (III): 1.0

Geographic Datum (III): N.A. '27

Datum Plane (III): MHW

Reference Station (III):

Lat.: _____ Long.: _____
No C&GS station (USE only)Adjusted
~~Unadjusted~~

State Plane Coordinates (VI):

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>
21402	12-2-47	13:11	1:20,000	
21403	"	13:12	"	
21404	"	13:13	"	
21405	"	13:14	"	

Tide from (III):

Mean Range:

Spring Range:

Camera: (Kind or source) Nine-lens

Field Inspection by: Lt. Comdr. R. A. Gilmore

date: 5/27/47, 7/3/47

Field Edit by: *None*

date: _____

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

Projection and Grids ruled by (III) T. L. J.

date: Feb. 1948

" " " checked by: T.L.J.

date: Feb. 1948

Control plotted by: L.M. Gazik

date: " "

Control checked by: R.J. French

date: " "

Radial Plot by: L. M. Gazik

date: " "

Detailed by: L. M. Gazik

date: March 1948

Reviewed in compilation office by: *R.J. French*

date: *March, 1948*

~~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.

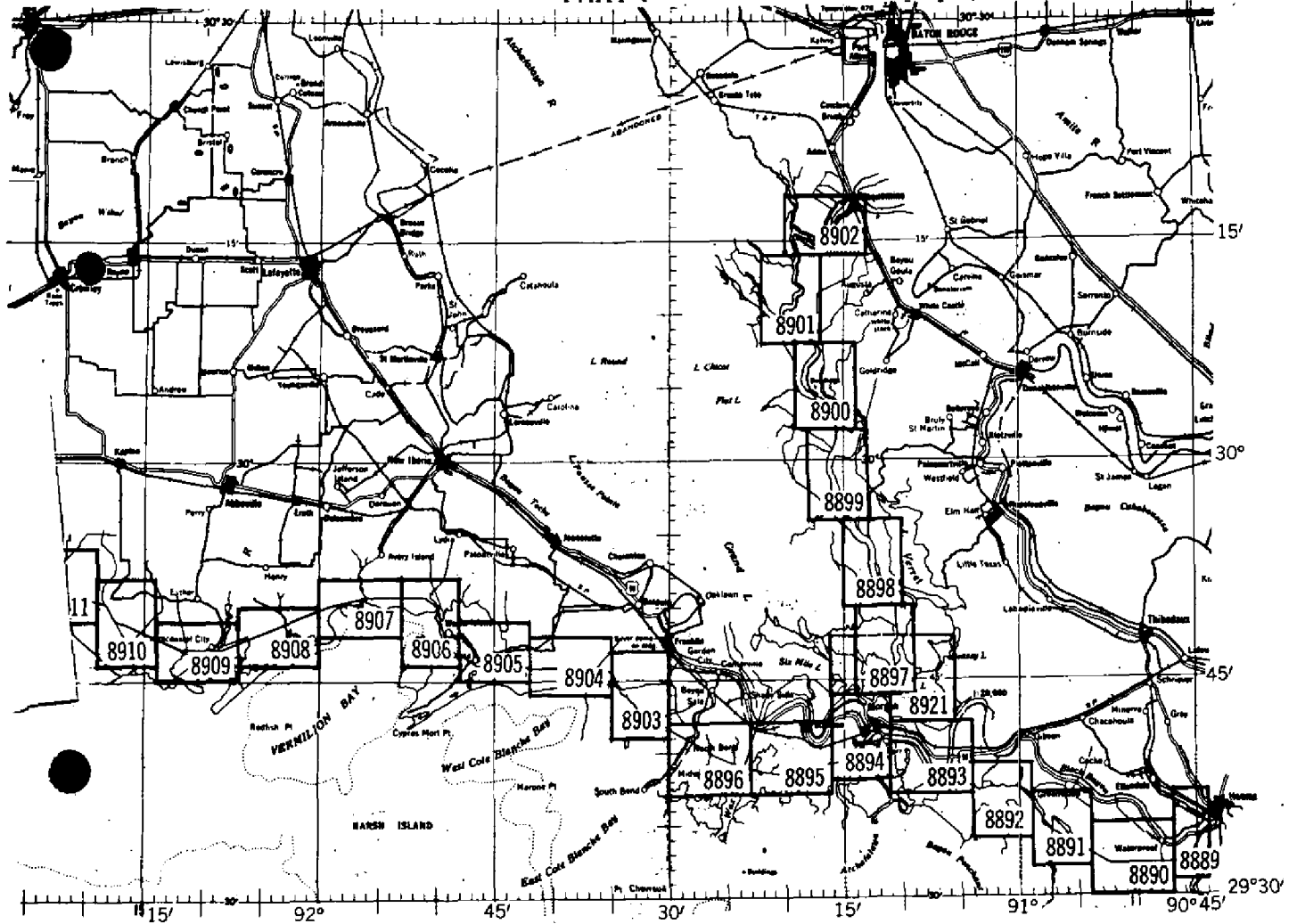
When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

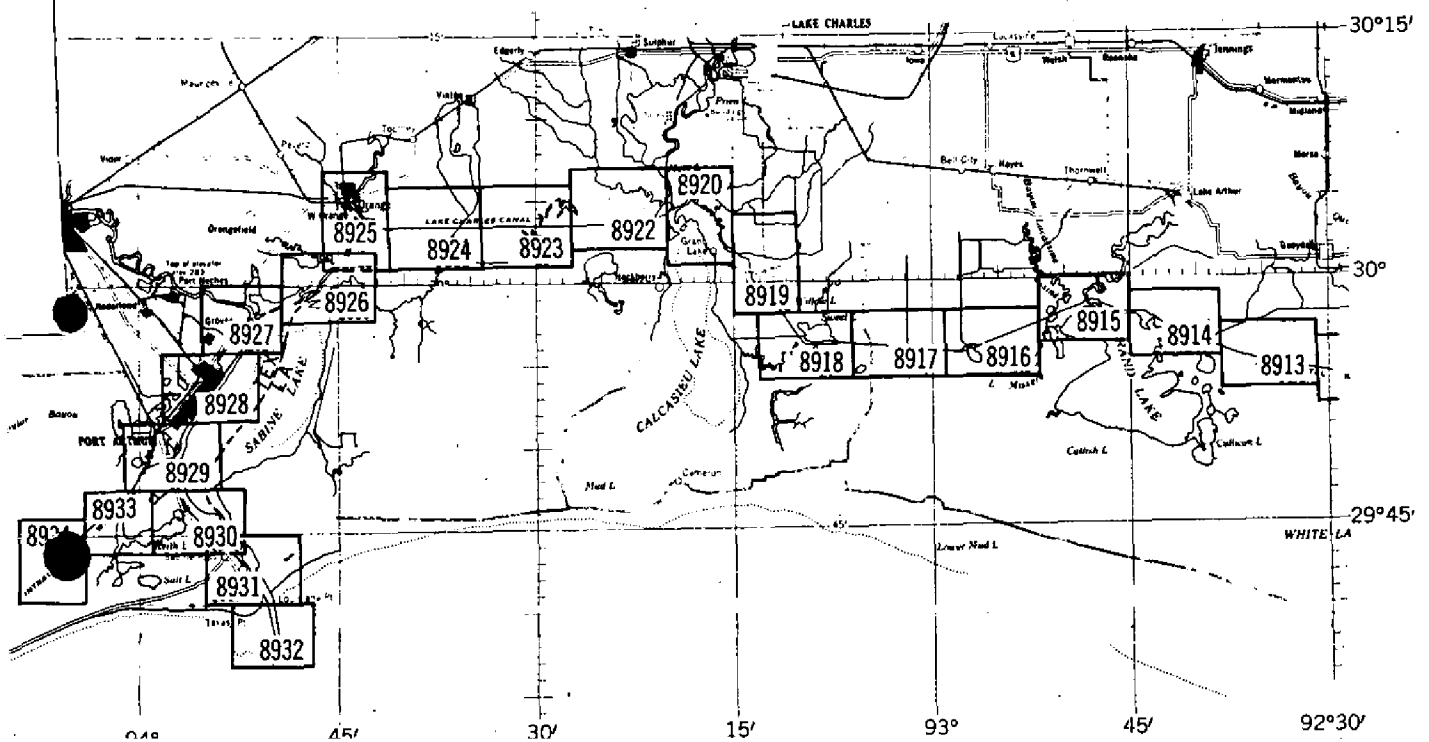
SHORELINE MAPPING PROJECT PH-14(46)

LOUISIANA - TEXAS, Intracoastal Waterway Housa - Port Arthur

PART 1



PART 2



DESCRIPTIVE REPORT: T-8921

PROJECT: Ph-14(46) Intracoastal Waterway, La.

LOCATION: Six Mile Lake Lake Palourde

SCALE: 1:20,000

This report covers as much of the INTRACOASTAL ALTERNATE ROUTE that was not included in T-8894, T-8893 and T-8897 in the vicinity of MORGAN CITY.

There was no field inspection for these photographs at 1:20,000.

The Compilation Report includes the pertinent field notes from the field photographs (1:10,000) and instructions from Special Report L 533 (1947), Houma, La. to Vermilion Bay, La.

^{T-8921}
This ~~T-sheet~~ is filed in the Division of Photogrammetry and Special Report L 533 (1947) is filed with the Nautical Chart Branch.

No additional 1947 planetablework was furnished for this sheet.

The 1:20,000 photographs used to compile this sheet were taken after Bayou Milhomme was dredged for the alternate route of the waterway. They have some changes over the 1:10,000 photographs which were flown earlier, in 1946.

MAP T. 8921

PROJECT NO. Ph-14 (46)

SCALE OF MAP 1:20,000

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 (BACK)
					FORWARD	(BACK)		FORWARD	(BACK)	
Texas Oil Co. Shookwill W.T., 1931	USC&GS	NA 1927	29° 41'	13.774	/	/	/	424.10	1423.30	Restored
Morgan, 1931	"	"	29° 43'	06.921				280.24	1332.82	
Morgan City	"	"	29° 12'	43.905				213.1	1634.3	
Municipal Tank 1931	"	"	29° 41'	40.117				1180.1	432.6	880 estimate
Morgan City, Gulf Crushing Co. Steel Derrick, 1931	"	"	29° 41'	26.037				1235.2	612.2	
Berwick Catholic Church Cross, 1931	"	"	29° 12'	30.313				783.2	830.0	applied through 880 x 1.533 (1947) estimate
Long, 1935	"	"	29° 41'	36.171				801.7	1045.7	880 estimate
PBM 51	USE Horiz. & Ver. Cont.	"	91° 13'	03.696				815.0	798.2	
PBM 52 USE 1917	"	"	29° 50'	08.901				1113.7	733.69	
St. Andrews Church Cross, 1931	"	"	91° 08'	51.842				99.36	1513.68	
C 4692 La. G.S.	I.G.S.	"	29° 48'	20.74				274.06	1573.38	
			91° 09'	38.782				1391.75	219.01	
			29° 46'	54.629				638.74	1208.66	
			91° 10'	04.635				1041.45	569.79	
			29° 41'	10.85				1682.03	165.37	
			91° 06'	0.87				124.50	1487.10	Revised forward?
			29° 40'	06.435				334.1	1513.3	
			91° 05'	52.093				23.4	1589.8	
								198.1	1649.3	
								1400.9	212.6	

1 FT. = 3048006 METER

COMPUTED BY: I.M. Gazik

DATE: February 1948

CHECKED BY: R.A.J. French

DATE: February 1948

M-2888-12

COMPILATION REPORT T-8921

26. Control. - This information is included in the Radial Plot report immediately following.

27. Radial Plot. - One continuous plot of four (4) transparent acetate templates, made from as many photographs, was laid to tie in with control listed below and all the pass points of the radial plots T-8897, T-8894, and T-8893 that were common to this area. See radial plot reports for T-8894 and T-8897.

PBM 51, (U.S.E.), 1917
PBM 52, (U.S.E.), 1917
MORGAN, 1931
BERWICK CATHOLIC CHURCH CROSS, 1931
MORGAN CITY, MUNICIPAL TANK, 1931
MORGAN CITY, GULF CRUSHING CO., STEEL DERRICK, 1931
TOPO STATION "FOOTINGS" with geographic position of
TEXAS Oil Co., SHOOKMILL W.T., 1931

The radial plot was laid to cover the Alternate Route from BAYOU LONG to BAYOU BOEUF not covered by 1:10,000 photos and the adjacent manuscript.

Pass points in blue have 3 or more cuts while those in green have only 2.

28. Detailing. - The photographs for this area were close to scale and the compilation was accomplished without the use of the projector. No field inspection was available for these photographs.

Overhanging trees and lack of fast land between the lakes and swamp areas made delineation of the shoreline difficult. The shoreline of the Alternate Route was devoid of overhanging trees and no difficulty was encountered in its delineation.

At the entrance to BAYOU BOEUF from LAKE PALOURDE the area in red acetate ink was compiled from Corps of Engineers, Dredging Plan File No. J-17-15568, due to clouds in photographs No. 21402 and 21403.

29. Supplemental Data. - T-6298 at 1:10,000 (1934) includes control in the MORGAN CITY area and covers an area in the southwestern part of the manuscript that was not compiled.

30. Mean High-Water Line. - The line was delineated by office interpretation with the difficulty mentioned in 28. "Detailing."

34. Landmarks and Aids to Navigation. - Form 567 with geographic position for Bayou Boutte Light determined by radial plot accompanies this report. No landmarks fall within the detailed area of the manuscript.

COMPILATION REPORT T-8921

Page 2.

Belle Isle Quads, Corps of Engineers at 1:62,500 (1935) and a Corps of Engineers dredging plan, mentioned above in 28. "Detailing", were consulted. The two waterway routes between MORGAN CITY and PLAQUEMINE were not constructed at the time of the publication of these quads.

45. Comparison with Nautical Charts. - The differences between the scales of the manuscript (1:20,000) and Chart #1050 (1:175,000) were too great to make any detailed comparison. This manuscript includes the INTRACOASTAL WATERWAY ALTERNATE ROUTE paralleling the eastern shore of LAKE PALOURDE as compiled from 1947 photography.

This manuscript adequately portrays all topographic detail in the area and should supersede the charted information.

Submitted by: L. M. Gazik
L. M. Gazik

Checked by: Roscoe J. French
R. J. French

Date: March 23, 1948

APPROVED by: L. C. Lande
L. C. Lande

GEOGRAPHIC NAMES

Survey No. T-8921

Name on Survey	Source										
	A	B	C	D	E	F	G	H	K		
	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			
Lake Palourde		-								USFB	1
Grassy Lake		-									2
East Atchafalaya Basin Protection Levee											3
Intracoastal Waterway										USFB	4
Bayou Boeuf											5
Intracoastal Waterway Alternate Route											6
Bayou Ramos		-									7
Berwick Island		-									8
Morgan Island		-									9
Riverside Pass		-									10
Three ^{Island} Pass		-									11
Middle Island		-									12
Little Island		-									13
Little Island Pass											14
Sixmile Lake		-									15
Big Bayou Joe		-									16
Little Bayou Jessie		-									17
Bayou Sorrel		-									18
Big Bayou Jessie		-									19
Bayou ^{L'Ourse} Lourse		-									20
Simon Pass		-									21
Persimmon Pass		-									22
Bayou Milhomme		-									23
Bayou Sherman		-									24
Bayou Felix		-									25
Fourmile Bayou		-									26
Bayou Cherami		-									27

(Continued)

GEOGRAPHIC NAMES

Survey No.

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

Hog Bayou		✓									1
Guitroz Bayou		✓									2
<u>GRAND</u> American Pass		✓									3
Morgan City Beach											4
Little Bayou Joe		(added)									5
<u>Baudet Bayou</u>		(on sheet)									6
											7
											8
											9
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Names underlined in red are approved: 1/10/79. LJA

Division of Photogrammetry
Review Report of
Shoreline Map Manuscript T-8921

26 Control

The U.S. Coast and Geodetic Survey triangulation station Palourde, 1931, has been added to the map manuscript.

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.

29 Supplemental Data

The Corps of Engineers Dredging Plan, File No. J-17-15568/1 is filed in the Division of Photogrammetry general files.

44 Comparison with Existing Topographic Quadrangles

A- Quadrangles

U.S.E. Belle Isle, La.	1:62,500	1940
U.S.E. Morgan City, La.	1:62,500	1935
U.S.E. Napoleonville, La.	1:62,500	1935
U.S.E. Foster, La.	1:62,500	1935

B- Topographic Surveys

T-6298 1:10,000 1934

Refer to item 29, Compilation Report.

There are no contemporary hydrographic surveys.

45 Comparison with Nautical Charts

1050 1:175,000 1939-1948

There are no significant differences between this map and the chart. This map has been applied to the new series of Intra-coastal Waterway charts, 880^{two} + 881^{one} editions of Sept., 1949.

B. T. Hynson
B. Thomas Hynson 1/10/49 *B.T.H.*

Approved by:

A. V. Griffith
Chief, Review Section *B.T.H.*

H. C. Edmonson
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading
Chief, Division of Photogrammetry

W. M. Seafelt
Chief, Division of Coastal Surveys

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