

8896

E&W

8896

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Shoreline

Type of Survey (Photogrammetric)

Field No. Ph-14(46) Office No. T-8896

LOCALITY

State Louisiana

General locality Intracoastal Waterway

Locality North Bend-Wax Lake

194 8

CHIEF OF PARTY

R. A. Gilmore, Chief of Field Party
Div. of Photogrammetry, Wash., D. C.

LIBRARY & ARCHIVES

DATE July 12, 1948

DATA RECORD

T- 8896 (*Shoreline*)

Quadrangle (II):

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

Field Office:

Chief of Party: R. A. Gilmore

Compilation Office:

Graphic Compilation Section
Div of Photogrammetry, Wash, D.C.

Chief of Party: L. C. Lande

Instructions dated (II III):

*Undated*Copy filed in *Office Files, Div of*
~~Report No. T- (VI)~~ *Photog*Completed survey received in office: *7/16/48*Reported to Nautical Chart Section: *8/12/48*Reviewed: *12/27/48*Applied to chart No. *882*Date: *Oct 1948*

Redrafting Completed:

*June 30, 1950*Registered: *1/19/49*

Published:

Compilation Scale: 1:10,000

Published Scale: ~~1:40,000~~

Scale Factor (III):

Geographic Datum (III): N.A.1927

Datum Plane (III): MHW

Reference Station (III): Foster, 1931

Lat.: 29°41' 1249.36 ~~meters~~ *meters* Long.: 91°27' 1194.80 ~~meters~~ *meters* ~~adjusted~~ *adjusted*
~~Undadjusted~~

State Plane Coordinates (VI): Zone S

X = 1,959,037.76 feet

Y = 373,827.29 feet

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
18539	Nov. 23, 1946	1:29	1:10,000	
18540		1:30	1:10,000	
18541		1:31	1:10,000	
18543		1:42	1:10,000	
18544		1:43	1:10,000	
18545		1:43	1:10,000	
18546		1:44	1:10,000	

Tide from (III): No Tide

Mean Range:

Spring Range:

Camera: (Kind or source)

U S C & G S 9 lens

Field Inspection by:

R. A. Gilmore, Chief of Party

date: 1947

Field Edit by:

~~R. A. Gilmore, Chief of Party~~

date:

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

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

date: 3-21-47

" " " checked by: T.L. Janson

date: 3-21-47

Control plotted by: S.G. Blankenbaker

date: 10-3-47

Control checked by: L.M. Gazik

date: 10-4-47

Radial Plot by: S.G. Blankenbaker
L.M. Gazik

date: 10-16-47

Detailed by: S. G. Blankenbaker
L. M. Gazik

date: 7-9-47

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:

DESCRIPTIVE REPORT: T-8896
PROJECT: Ph 14 (46) INTRACOASTAL WATERWAY, LA.
LOCATION: NORTH BEND - WAX LAKE
SCALE: 1:10,000

The report covers one of a series of shoreline sheets covering the INTRACOASTAL WATERWAY from HOUMA, LA. to CORPUS CHRISTI, TEXAS. This 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~~ on the photographs and supplying surveying data for use in compilation in this office. The field work was accomplished by R. A. Gilmore, Chief of Party. Other data was supplied in Special Report L 533 (1947) which is filed in the Nautical Chart Branch.

Compilation Report T-8896

26 CONTROL and 27 RADIAL PLOT

The matter under these two headings is included in the same sections of the Compilation Report for T-8894.

28 DETAILING

The drainage in the swamp areas was difficult to follow in compilation due to the overhanging trees.

Although the ditch running almost due north and south in the eastern portion of the manuscript has been so identified in the field, its length and straightness suggest that it might contain a pipeline.

29 SUPPLEMENTAL DATA

Graphic control T-6178, 1934, at 1:20,000 when compared to the manuscript was found to be in general agreement as to direction and position despite several minor discrepancies. No additional plane table work has been done in this area since the date of T-6178.

34 LANDMARKS and AIDS TO NAVIGATION

Where INTRACOASTAL WATERWAY crosses WAX LAKE OUTLET 25 daybeacons and 2 lights were located on the manuscript by plotting three point fixes from sextant angles found in Field Book 2 of 4 accompanying Chart 880 and photo point supplied by the field party. The photo points were cut in using radial plot positions. Positions have been listed in Chart Letter 533 (1947) and NON-FLOATING AIDS FOR CHARTS, FORM 567, which are filed with the Nautical Chart Branch.

The daybeacon among the BIG OAKS BAYOU group which lacks a number is either No. 4 or No. 6, according to field inspection.

37 BRIDGE DATA

Bridge data shown has been taken from the field inspection photograph 18545.

44 COMPARISON WITH TOPOGRAPHIC QUADRANGLES

Comparison with U.S.E.D. Quad BELLE ISLE, LA., reveals few changes in the area. The only change of any importance seems to be the relocation of a short portion of State Highway 60 just on the north side of the WATERWAY.

45 COMPARISON WITH NAUTICAL CHARTS

Page 2
T-8896

The essential features shown on T-8896 are in agreement with the information contained in Chart 1050, 11-3-47. It would seem that Chart 1116, 7-14-47, does not indicate the latest dredged channels at the crossing of the WATERWAY and WAX LAKE OUTLET.

Submitted by:

Verified by:

L. Martin Gazik
L. Martin Gazik

Roscoe J. French
Roscoe J. French

Approved by:

G. B. Willey
G. B. Willey

Date: July 9, 1948

VMM
7/16/48

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

1 of 3

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Lake Charles, La.
Washington, D. C.June 1947
July 9, 1948

TO BE CHARTED

STRIKE OUT ONE

~~TO BE CHARTED~~

I recommend that the following objects which have ~~been~~ ^{not} 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 R. A. Gilmore

Chief of Field Party

L. C. Lande

Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE	LONGITUDE	DATUM							
	Ba. 2	Floodway Crossing N. Channel.	Daybn.	29-38	91-23	1661	593	N.A.	1927	Radial Plot	July 9 1948	X	880
	4	"	"	29-38	91-23	1746	676	"	"	"	"	"	1050
	6	"	"	29-39	91-23	28	756	"	"	"	"	"	"
	10	"	"	29-39	91-23	347	1038	"	"	"	"	"	"
	16	"	"	29-39	91-23	310	1476	"	"	"	"	"	"
	18	"	"	29-39	91-23	255	1571	"	"	"	"	"	"
	20	"	"	29-39	91-23	187	139	"	"	"	"	"	"
	22	"	"	29-39	91-24	160	247	"	"	"	"	"	"
40r6	?	"	"	29-39	91-23	09	1492	"	"	"	"	"	"
	8	"	"	29-39	91-24	83	165	"	"	"	"	"	"
	10	"	"	29-39	91-24	173	398	"	"	"	"	"	"
	12	"	"	29-39	91-24	237	598	"	"	"	"	"	"

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation shall be determined by direct observation or by triangulation. Positions of charted landmarks and nonfloating aids to navigation shall be determined by direct observation or by triangulation. Positions of charted landmarks and nonfloating aids to navigation shall be determined by direct observation or by triangulation.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

2 of 3

NONFLOATING AIDS OR LANDMARKS FOR CHARTS—

STRIKE OUT ONE

TO BE CHARTED
~~TO BE CHARTED~~Lake Charles, La.
Washington, D. C.June 1947
July 9, 1948

I recommend that the following objects which have ~~(have not)~~ 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 R. A. Gilmore
Chief of Party

L. C. Lande

Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE		LONGITUDE		DATUM							
				°	'	D. M. METERS	°		'						
	Bn. 1	Floodway Crossing S. Channel,	Daybeacon	29-38	1491	91-23		578	N.A. 1927	Radial Plot	July 9 1948	X	X		
	3	"	"	29-38	1441	91-23		754	"	"	"	"	"		
	6	"	"	29-38	1444	91-23		1142	"	"	"	X	"		
	8	"	"	29-38	1315	91-23		1315	"	"	"	"	"		
	10	"	"	29-38	1322	91-23		1481	"	"	"	"	"		
	12	"	"	29-38	1402	91-24		47	"	"	"	"	"		
	14	"	"	29-38	1498	91-24		132	"	"	"	"	"		
	16	"	"	29-38	1643	91-24		194	"	"	"	"	"		
	18	"	"	29-38	1770	91-24		244-289	"	"	"	"	"		
	20	"	"	29-39	14	91-24		289	"	"	"	"	"		
	Lt 8	Floodway Crossing N. Channel		29-39	254	91-23		895	"	"	"	"	"		
	Lt 10	Possum Point Bayou		29-38	1600	91-23		448	"	"	"	"	"		

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating

~~NONFLOATING AIDS OR LANDMARKS FOR CHARTS-~~

TO BE CHARTED } STRIKE OUT ONE

Lake Charles, La.
Washington, D. C.

June 1947
July 9, 1948

I recommend that the following objects which have ~~(have not)~~ 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 R. A. Gilmore
Chief of Party

L. C. Lande

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating*

GEOGRAPHIC NAMES

Survey No.

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			
WAX LAKE OUTLET ✓										1	
<u>Point</u> POSSUM BAYOU ✓										2	
WAX LAKE ✓										3	
LITTLE OAKS BAYOU ✓										4	
CROW BAYOU ✓										5	
BIG OAKS BAYOU ✓										6	
HICKERSON'S BAYOU ✓										7	
BEAR BAYOU ✓										8	
BAYOU BLUE ✓										9	
PLUME BAYOU ✓										10	
NORTH BEND ✓										11	
BAYOU SALE ✓										12	
JOHNSON ✓										13	
NORTH BEND CANAL ✓										14	
EAST OVER BAYOU ✓										15	
CLAUSEN COULEE ✓										16	
CROW ISLAND ✓										17	
Intracoastal Waterway ✓									UST-B	18	
North Channel ✓										19	
South Channel ✓										20	
West over Bayou ✓										21	
Rice Bayou ✓										22	
										23	
										24	
										25	
										26	
										27	

Names underlined in red are approved
12/28/48
L. Heck

M 234

Names underlined in
red are approved
12/28/48
L. Heck

Division of Photogrammetry
Review Report of
Shoreline Map Manuscript T-3396

23. Detailing.-The original compilation was adequate except for minor additions and corrections made by the reviewer. These changes have been shown in blue ink.

44. Comparison with Existing Topographic Quadrangles.-

a. Quadrangles

USE Belle Isle, La., 1:62,500 1940

b. Topographic Surveys

T-6178 1:20,000 1934

There are no contemporary hydrographic surveys.

45. Comparison with Nautical Charts.-

1050 1:175,000 1939 - 1948

The map manuscript has been applied to chart 882, one of a new series, prior to review.

47. Adequacy of the Compilation.-Field inspection was generally adequate in the immediate vicinity of the Intracoastal Waterway. In the future, this same area will be covered by planimetric map manuscript T-9019 which should give more complete coverage.

Reviewed by:

B. Thomas Lynskey
B. Thomas Lynskey
Cartographer (Photo)
12-27-48

APPROVED:

S. V. Griffith
S. V. Griffith K.H.M.
Chief, Review Section

K. T. Adams
Chief, Div. of Photogrammetry

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

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

NAUTICAL CHARTS BRANCH

SURVEY NO. T-8896

Record of Application to Charts

[illegible]

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.