

8895

8895

Form 504
U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT
Type of Survey <u>Shoreline (Photogrammetric)</u>
File No. <u>Ph-14(46)</u> Office No. <u>T-8895</u>
LOCALITY
State <u>Louisiana</u>
General locality <u>Intracoastal Waterway</u>
Locality <u>Little Wax Bayou to Possum</u>
<u>Point Bayou</u>
<u>194 8</u>
CHIEF OF PARTY <u>R.A. Gilmore, Chief of Field Party</u> R.A. Gilmore, I. C. Lando Div. of Photogrammetry, Washington, D.C.
LIBRARY & ARCHIVES
DATE <u>Feb. 11, 1949</u>

DATA RECORD

T-8895(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, Wash., D.C. Office

Instructions dated (II III): *Undated*Copy filed in Descriptive
Report No. T- (VI)*Office Files, Div of
Photg*Completed survey received in office: ~~1947~~ *4/23/48*Reported to Nautical Chart Section: *4/23/48*Reviewed: *12/21/48*Applied to chart No. *880*Date: *12/48*Redrafting Completed: ~~1/16/50~~*April 24, 1950*Registered: *1/6/49*

Published:

Compilation Scale: 1:10,000

Published Scale:

Scale Factor (III): 1.00

Geographic Datum (III): NA 1927

Datum Plane (III): MHW

Reference Station (III): Idlewild, 1931

Lat.: 29°39' 47.160"

Long.: 91°17' ^{*45.233"*} ~~233"~~Adjusted
~~Unadjusted~~State Plane Coordinates (VI): ~~Zone 5~~~~X = 2,011,899.72 ft.~~~~Y = 362,349.91 ft.~~

Military Grid Zone (VI) Zone 6

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
18532	23 Nov. 1946	1:16	1:10000	-
18535		1:26	"	
18536			"	
18537			"	
18538			"	
18539		1:29	"	
18542		1:42	"	

28-59 furnished by U.S.E., New Orleans Office, scale 1:20,000 approx.
no date.

Tide from (III): *No tide.*

Mean Range:

Spring Range:

Camera: (Kind or source)

C&GS 9-lens

Field Inspection by:

date:

R.A. Gilmore, Chief of Party

1947

Field Edit by:

date:

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

Nov. 1946

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

date: Mar. 1947

" " " checked by: " " "

date: " "

Control plotted by: C. Theurer, S. Blankenbaker

date: Oct. 1947

Control checked by: S. Blankenbaker, L. Gazik

date: " "

Radial Plot by: S. Blankenbaker, L. Gazik

date: " "

Detailed by: E. H. Ramey

date: Feb. 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:

Descriptive Report: T-8895

Project: Ph-14(46) Intracoastal Waterway, Louisiana

Location: Little Wax Bayou to Possum Point Bayou

Scale: 1:10,000

This report is concerned with the seventh 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~~^{them} on the photographs for compilation in this office. The field work was accomplished by Lt. Comdr. R.A. Gilmore, Chief of Party.

Compilation ~~notes~~^{was} were made from field records and photographs and instructions from Special Report L533(1947), Houma, Louisiana to Vermilion Bay, Louisiana. This T-sheet is filed in the Division of Photogrammetry and Special Report L533(1947) is filed in the Nautical Chart Branch.

No additional 1947 planetable work was furnished for this sheet.

1

COMPILATION REPORT

26. Control.-- Control for this sheet is discussed in the radial plot report for sheets T-8894, T-8895 and T-8896, filed with Descriptive Report for T-8894.

27. Radial Plot. -- The radial plot report for this sheet is included in the radial plot report for sheets T-8894, T-8895 and T-8896, and is filed ~~in the Division of Photogrammetry~~ as part of the Descriptive Report for Sheet T-8894. KTH

28. Detailing. -- Photographs were satisfactory in most instances for detailing the Waterway and adjacent areas. Detailing was carried to outer limits of photographs where difficulty in interpretation in swamp areas was encountered.

Field inspection was confined to the Waterway and left delineation almost entirely to the compiler. However, it is believed that the shoreline was accurately identified during compilation.

A few lesser bayous and ditches could not be delineated completely and it is suggested that they be completed in the field ^{or} as from some other source. Levees which are shown on the Belle Isle Quadrangle could not be interpreted from the photographs. It is likewise suggested that they be investigated in the field.

The area at and adjacent to the junction of Bayou Teche and Wax Lake outlet was detailed from single lens photograph 28-59, furnished *to the* field inspection party by U.S.E. This photograph was positioned by resecting from detail and pass points of the radial plot and from two control stations identified in the field. Triangulation Station USE Satsuma was field inspected but could not be held, which was probably due to misidentification. It was off in position approximately one centimeter (at compilation scale). Four transmission towers (two identified as landmarks) were identified and position given by scaling from U.S.E. plan (1"-200'). (See review report)

Since this area could only be detailed to the accuracy of the USE plan, it is shown in red on the manuscript. It is believed that it will meet the required accuracy for 1:40,000 compilations as required by Nautical Charts Section.

29. Supplemental Data. -- Planetable Sheets T-6178 and T-6299 and Belle Isle Quadrangle (C. of E.) were used to supplement the photographs. Since Planetable Sheet T-6178 was completed in 1934, Wax Lake Outlet has been constructed which changes a portion of the sheet.

34. Landmarks and Aids to Navigation. -- One fixed aid to navigation was located by resecting from picture points located in field and cut in by radial plot methods. Sextant angles were used for resection.

34. Landmarks and Aids to Navigation Cont'd

Planetable Sheet T-6178 and Belle Isle Quadrangle show a beacon on the Waterway at 91°18' and at 91°19'. Since no field recovery of these beacons was made and since they could not be interpreted from the photographs, they are omitted on the manuscript.

Two transmission towers are shown as landmarks. They are plotted from positions given field inspection party by U.S.E. They are in fair agreement with other detail in the area. See Par. 28, above.

44. Comparison with Existing Topographic Quadrangles:-- Belle Isle Quadrangle shows some levees and small drainage which appear insignificant in stereoscopic examination or could not be interpreted at all. Otherwise, the two sheets compare favorably.

45. Comparison with Nautical Charts. -- This manuscript compares favorably with Nautical Chart 1050; 47-11/3.

It is believed that this sheet adequately portrays charted detail and should supersede the charted information.

Submitted by:

E. H. Ramey
E. H. Ramey

Checked by:

R. J. French
R. J. French

Date: March 12, 1948

APPROVED BY:

L. C. Lande
L. C. Lande

TO BE CHARTED
TO BE DELETED

COPIES DESTROYED } STRIKE OUT ONE

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

Lake Charles, Louisiana 25 July, 1947
26 Feb., 1948

intra-coastal waterway

The positions given have been checked after listing by

R. A. Gilmore
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 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.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

~~TO BE CHARTED~~
~~TO BE DELETED~~

Lake Charles, La.
Washington, D.C.

25 July 1947
26 Feb. 1948

20 FEB. 194

The positions given have been checked after listing by

R. A. Gilmore
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 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

Survey No.

T-8895

Page 1 of 2

Name on Survey

	A	B	C	D	E	F	G	H	K	
Intracoastal Waterway	✓								US&B	1
Little Wax Bayou	✓									2
Big Wax Bayou	✓									3
Bayou Haydel	✓									4
Cross Bayou	✓									5
Little Cameron Bayou	✓									6
Russells Bayou	✓									7
Big Bull Bayou	✓									8
Little Bull Bayou	✓									9
Double Mouth Bayou	✓									10
Possum Point	✓									11
Tucker Bayou	✓									12
Wildcat Bayou	✓									13
Possum Point Bayou										14
Possum Bayou										15
Little Oaks Bayou	✓									16
Bayou Bethel Bayou	✓									17
Wax Lake Outlet	✓									18
Thompson Bayou	✓									19
Bayou Patterson	✓									20
Cut-off Bayou	✓									21
Little Cut-off Bayou	✓									22
Little Bethel Bayou	✓									23
Patterson Drainage Canal	✓									24
Maple Bayou	✓									25
Lower Atchafalaya River	✓									26
Patterson	✓								US&B	27

GEOGRAPHIC NAMES

Survey No.

T-8895

Page 2 of 2

Name on Survey

	A	B	C	D	E	F	G	H	K	
Waveland Plantation	✓									1
Idlewild	✓									2
Lagonda Plantation	✓									3
Southern Pacific Railroad	✓									4
U. S. 90	✓									5
Calumet	✓									6
Calumet Bridge	✓									7
Millers Bayou	✓									8
Oak Bayou	✓									9
Bayou Teche	✓									10
Southern Pacific	✓									11
										12
										13
										14
										15
										16
										17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27

Names are ok. but apparently are off limits of this sheet.

Names underlined in red are approved 12/16/48 L. Heck

Addition to Descriptive Report T-8895

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-8895 which have occurred since the date of the field inspection for T-8895, project Ph-14(46). The more important of these changes have been made on manuscript T-8895 and are shown thereon in red ink.* These changes in red have been applied prior to review and prior to the application of T-8895 to the nautical charts, and thus may be considered as a part of the original data for T-8895.

* See paragraph 28, Compilation Report, for exception.

Division of Photogrammetry
Review Report of
Shoreline Map Manuscript T-8895

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.--A plan, number H-16-13624/3, from the U. S. Engineer Office at New Orleans, Louisiana, was submitted from the field to show the location of the two landmark towers at Calumet. On this plan were type-written the geographic positions of these two towers along with two others. The following note was also typed below the positions: "These positions have been scaled from the minute lines on a map the scale of which is 1 inch equals 200 feet, By the War Department, Corps of Engineers, New Orleans District".

It is not known if the typewritten note was put on the plan by the field inspector or by the U. S. Engineers. The positions of the towers that are shown on form 567, included in this report, are the positions that have been taken from the plan and have not been scaled from the map manuscript as having been cut in by radial plot methods.

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

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

47. Adequacy of the Compilation. The map manuscript has been applied to chart 880, one of a new series, prior to review. Field inspection was generally adequate in the immediate vicinity of the Intra-coastal 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. *Examined again after review. 7-8-48 J. H. H.*

Reviewed by:

B. Thomas Hynson

B. Thomas Hynson

Cart. (Photo)

12/21/48

T-8895

APPROVED

S. V. Griffith

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

A. R. Edmonston

Chief, Nautical Chart Branch
Div. of Charts

K. T. Adams

Chief, Div. of Photogrammetry

C. K. Green

Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. 7-8895

Record of Application to Charts

[illegible]

M-2169.1

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.