

8891

1688

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Shoreline (Photogrammetric)
Project _____
Field No. Ph-14(46) Office No. T-8891

LOCALITY

State Louisiana

General locality Lake Charles

Locality Intracoastal Waterway

Vicinity of Lake Hackberry

1947

CHIEF OF PARTY

R.A. Gilmore, Chief of Field Party
~~Div. of Photogrammetry, Wash., D.C.~~
LIBRARY & ARCHIVES

DATE February 11, 1949

DATA RECORD

T- 8891
(Shoreline)

Quadrangle (II):

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

Field Office: -

Chief of Party: - Lt. Comdr. R. A. Gilmore

Compilation Office: Washington

Chief of Party: *Graphic Compilation Section
Div. of Photogrammetry
L. C. Lande, Chief of Section*Instructions dated (II III): *Undated*Copy filed in *Office Files, Div of
Descriptive Photogrammetry*
Report No. T- (VI)Completed survey received in office: *2/13/48*Reported to Nautical Chart Section: *2/16/48*Reviewed: *12/8/48*Applied to chart No. *880*Date: *Oct 1948*

Redrafting Completed:

*June 8, 1950*Registered: *12/20/48*

Published:

Compilation Scale: 1:10,000

Published Scale:

Scale Factor (III): 1.0000

Geographic Datum (III): N.A. 1927

Datum Plane (III): MHW

Reference Station (III): -None on this sheet

Lat.:

Long.:

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>
18477	Nov. 1946		1:10,000	
18478	"		"	
18479	"		"	
18480	"		"	

Tide from (III):

Mean Range:

Spring Range:

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

Field Inspection by: Ross A. Gilmore
(Chief of Party)

date: July 1947

Field Edit by:

date:

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

Projection and Grids ruled by (III) Washington

date: March 1947

" " " checked by: Washington

date: March 1947

Control plotted by: C. Theurer

date: Aug. 1947

Control checked by: H. Rau

date: Aug. 1947

Radial Plot by: C. Theurer

date: Aug. 1947

Detailed by: Roscoe J. French

date: Nov. 1947

Reviewed in compilation office by:

date: Dec. 1947

Roscoe J. French

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:

None

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:

Compilation Report T-8891 (Shoreline)

26. Control: The radial line plot report for this sheet is filed with the descriptive report for T-8889.
28. Detailing: No great difficulty was encountered in the detailing of the sheet. More field inspection of the shoreline and also of the wooded and brush areas would have aided in the compiling of obscure detail. The notation "Cypress Swamp" indicates heavily wooded areas.
29. Supplemental Data: The Topographic survey T-6179, 1934 and Gibson Quadrangle (U.S.G.S.) were used to aid in the interpretation of the photographs. The waterway has been widened since the date of the topographic survey. *The field inspection data is the subject of a Special Report filed as L. 533 (1947) in N.C.*
34. Landmarks and Aids to Navigation: There were no landmarks on this sheet. The aids to navigation are listed on Form 567 attached to this report and in L. 533 (1947) in Nautical Charts.
44. Comparison with Existing Topographic Quadrangles: In comparing this sheet with the Gibson, Louisiana quad, it was noticed that at the southeastern end of Lake Hackberry there has been a new canal constructed which is not shown on the Gibson, La. quadrangle. This canal has caused the drying up of lower Bayou Cocodrie leading from Lake Hackberry to the southward. There is also shown on this sheet a hyacinth filled ditch, which is not shown on the Gibson, La. quadrangle and which runs northeasterly from Bayou Cocodrie Light No. 2. The course of the Intracoastal Waterway into Lake Cocodrie from Lake Hackberry has been changed and is more to the northward than is shown on the Gibson, La. quadrangle. The quadrangle shows no wooded areas nor all of the buildings.
45. Comparison with Nautical Charts: A comparison was made between this sheet and nautical chart No. 1050. The general outline of the Intracoastal Waterway, Lake Hackberry, and Lake Cocodrie are in accord but all of the small canals and ditches in this area are not shown on the chart.

Submitted by: *N.A. Cluff*
N. A. Cluff

Verified by: *R. J. French*
R. J. French

Approved: *L. C. Lande*
L. C. Lande

Survey No. T-8891

Name on Survey	A On Chart No.	B On previous su. No.	C On U. S. quad Maps	D From local information	E On local Maps	F P. O. Guide or Rand McNally	G U. S. Light Li.	H K	
<u>Intracoastal Waterway</u>								US&B	1
<u>Lake Hackberry</u>									2
<u>Lake Cocodrie</u>									3
<u>Shell Canal</u>									4
<u>Copasaw Canal</u>									5
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Names underlined in red
are approved: 11/8/48
L.H.

Addition to Descriptive Report T- 8891

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-8891 which have occurred since the date of the field inspection for T-8891, project Ph-14(46). The more important of these changes have been made on manuscript T-8891 and are shown thereon in red ink. These changes in red have been applied prior to review and prior to the application of T-8891 to the nautical charts, and thus may be considered as a part of the original data for T-8891.

Division of Photogrammetry
Review Report of
Shoreline Map Manuscript T-9891

26 Control and Radial Plot

See radial plot report included in the Descriptive Report for T-9891.

28 Detailing

Corrections and additions made by the reviewer have been shown on the map manuscript with green ink.

44 Comparison with Existing Topographic Quadrangles

a. Quadrangles

U.S.G.S. Gibbon, La. 1:62,500 1939

b. Topographic Surveys

T-6179 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 nautical charts (880, ^{one of} a new _{Examined again after review of volume 880} Adequacy of the Compilation series) prior to review.

Field inspection was adequate along the area of the Intra-coastal Waterway. Along the north shore of the waterway, a WHI was shown although inland areas were shown as marsh. This is the field inspectors interpretation of the shoreline.

In the future this same area will be covered by planimetric map manuscript T-9823 which should give more complete and adequate coverage.

Reviewed by:

B. Thomas Hynson
B. Thomas Hynson 12/8/48

Approved by:

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

K. T. Adams
Chief, Div. of Photogrammetry

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

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

