

8892

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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-8892

LOCALITY

State Louisiana
 General locality Intracoastal Waterway
 Locality Lake Cocodrie to Bayou Black

194 7.

CHIEF OF PARTY

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

LIBRARY & ARCHIVES

DATE Feb. 11, 1949

DATA RECORD

T- 8892 (Shoreline)

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

Field Office: ~~Tampa Photogrammetric~~ Chief of Party: R. A. Gilmore

Compilation Office: Washington Chief of Party: L. C. Lande

Graphic Compilation Section
Division of Photogrammetry

Instructions dated (II III): Updated

Copy filed in Descriptive
Report No. T- (VI)Office File, Div of
Party.

Completed survey received in office: 2/13/48

Reported to Nautical Chart Section: 2/16/48

Reviewed: 12/9/48

Applied to chart No. 880

Date: Oct 1948

Redrafting Completed:

June 13, 1950

Registered: 12/20/48

Published:

Compilation Scale: 1:10000

Published Scale:

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927

Datum Plane (III): MHW

Reference Station (III): None on 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>
18480	Nov. 23, 1946	11:23	1:10,000	
18481				
18482				
18483		11:26		

All pictures listed above have field inspection data.
 All pictures were printed on positype paper for use in detailing.
 Scale was good, and but little tilt was present.

Tide from (III):

Mean Range:

Spring Range:

Camera: (Kind or source)

C&GS Nine-lens

Field Inspection by:

R. A. Gilmore

date: 1947

Field Edit by:

date:

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

Projection and Grids ruled by (III) Wash. Office

date: Mar. 21, 1947

" " " checked by: Wash. Office

date: Mar. 21, 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: Ros. French

date: Dec. 1947

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:

Compilation Report T-8892

27. Radial Plot:

The radial plot report for this sheet is filed with the Descriptive Report for T-8889 in the Division of Photogrammetry. *Field inspection data is in a Special Report filed as L. 533 (1947) in Nautical Charts.*

KTA

28. Detailing:

Photographs and field inspection were generally adequate for detailing. Most of the area along the Waterway is swamp with no fast shoreline and the vegetation and tree line has been shown with a light line on the manuscript. ~~The notation SW indicates heavy growth of cypress trees wherever so indicated.~~

29. Supplemental Data:

Planetable Sheet T-6179 and Morgan City, La. Quad. (C. of E.) were used to supplement the photographs in this area. This sheet is generally in good accord with planetable Sheet T-6179. However, positions vary in some places. (See radial plot report with T-8889.)

34. Landmarks and Aids to Navigation:

One navigation light and twelve buoys were plotted on this sheet by radial line methods. No landmarks are in the area. Form 567 is attached to this report and gives the geographic position of the fixed aids to navigation.

44. Comparison with Existing Topographic Quadrangles:

This sheet was compared with Morgan City, La. Quad. (C. of E.) and found to be in good accord.

45. Comparison with Nautical Charts:

Comparison was made with Nautical Chart 1050 (1st. edition 1939) dated 46-6/15. It is believed that this sheet adequately portrays all topographic details and should supersede charted information where differences occur. Additional work has been done midway between Bay Wallace and Bayou Black, and Bayou Black appears to have been widened considerably.

Submitted by: Roscoe J. French Approved by: L. C. Lande
Ros. J. French L. C. Lande
Dec. 16, 1947

Addition to Descriptive Report T- 8892

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-8892 which have occurred since the date of the field inspection for T-8892, project Ph-14(46). The more important of these changes have been made on manuscript T-8892 and are shown thereon in red ink. These changes in red have been applied prior to review and prior to the application of T-8892 to the nautical charts, and thus may be considered as a part of the original data for T-8892.

Division of Photogrammetry
Review Report of
Shoreline Map Manuscript T-9892

26 and 27 Control and Radial Plot

There are no horizontal control stations within the limits of this map manuscript. See Radial Plot Report included in the Descriptive Report for T-9889.

28 Retinting

Minor corrections made by the reviewer have been shown on the map manuscript in green ink.

29 Landmarks and Aids to Navigation

There is a discrepancy on the map manuscript concerning buoy 33. On a supplemental sheet submitted by the field office, this buoy is not numbered. A position for buoy 38 has been indicated on the supplemental sheet and reference to sextant cuts has been made. These cuts establish the position of buoy 38 to agree with the position of the unnumbered buoy. As no hydrographic survey is contemplated for this area, the final decision on the numbering should be made by the Division of ~~Nautical~~ Charts.

* Filed in the Division of Photogrammetry general files
30 Comparison with Existing Topographic Quadrangles

a. Quadrangles

U.S.E. Morgan C'ty, Louisiana 1:62,500 1935

b. Topographic Surveys

T-6179 1:20,000 1934

There are no contemporary hydrographic surveys

31 Comparison with Nautical Charts

1950 1:175,000 1939-1948

This map manuscript was applied to chart 880, ^{one of} a new series, prior to review. (Examined again after review T-7-44 chart)

32 Adequacy of the Compilation

Field inspection was generally adequate along the area of the Intracoastal Waterway. In the future, this same area will be covered by planimetric map manuscripts T-9027 and T-9028 which should give more complete and adequate coverage.

Reviewed by:

B. Thomas Hynson
B. Thomas Hynson 2/7/43

Approved by:

S. V. Griffith, for
Tech. Assistant to the Chief,
Division of Photogrammetry

K.T. Adams
Chief, Division of Photogrammetry

Under the direction of:

S. V. Griffith
Chief, Review Section *BB*

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

C. R. Green
Chief, Division of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T-8892

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
10/1/48	880	C. Helmer	Before After Verification and Review
			(Examined again after review ⁷⁻⁷⁻⁴⁹ 49)
			Before After Verification and Review
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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.