

8893

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Form 504
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT
Type of Survey <u>Shoreline (Photogrammetric)</u> Project Field No. <u>Ph-14(46)</u> Office No. <u>T-8893</u>
LOCALITY State <u>Louisiana</u> General locality <u>Intracoastal Waterway</u> Locality <u>Bayou Chene to Rhoda</u>
<u>1948</u> CHIEF OF PARTY <u>R. A. Gilmore, Chief of Field Party</u> <u>Div. of Photogrammetry, Wash., D.C.</u>
LIBRARY & ARCHIVES DATE <u>Feb 11, 1949</u>

DATA RECORD

T- 8893 (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, Washington Office

Instructions dated (II III): *Undated*Copy filed in Descriptive
Report No. T- (VI)*Office File, Div of
Photg*Completed survey received in office: ~~1947~~ *3/24/48*Reported to Nautical Chart Section: *5/13/48*Reviewed: *12/13/48*Applied to chart No. *880*Date: *Sept 1948*

Redrafting Completed:

*April 24, 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): AVOCA, 1931

Lat.: 29° 38' 10.814"

Long.: 91° 06' 49.327"

Adjusted
~~Unadjusted~~

State Plane Coordinates (VI):

Zone S

X = 2,069,775.18 feet

Y = 352,682.94 feet

Military Grid Zone (VI)

Zone C

X = 776,164.7 yards

Y = 684,006.2 yards

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
18483	Nov. 23, 1946	11:26	1:10,000	Near M.H.W.
18484				
18485				
18486				
18487				
18488		11:30		

Tide from (III): *None*

Mean Range:

Spring Range:

Camera: (Kind or source) C & G S Nine-lens

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

date: 1946-47

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: " "

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: E. Ramey

date: Jan. 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-8893 (Shoreline)
Project: Ph-14(46) Intracoastal Waterway, La.
Location: Bayou Chene to Rhoda, La.
Scale: 1:10,000

This report is concerned with the fifth of a series of shoreline sheets which cover the Intracoastal Waterway from Houma, La., longitude 90°44' W. to Corpus Christi, Texas.

The project, Ph-14(46), 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 landmark and other pertinent detail by identifying it on the nine-lens photographs for compilation in this office. The field work was accomplished by Lt. Comdr. Ross A. Gilmore, Chief of Party.

Compilation ^{was} ~~notes were~~ made from field records and photographs and instructions from Special Report L. 533 (1947) Houma, Louisiana, to Vermilion Bay, Louisiana.

No additional planetable work was done in this area in 1947.

This shoreline sheet ^{manuscript} is filed in the Division of Photogrammetry, and L. 533 (1947) is filed in the Nautical Chart Branch.

Compilation Report T-8893

27. Radial Plot.

The radial plot report for this sheet is ^{included in} ~~filed with~~ the Descriptive Report for T-8889 in the ~~Division of Photogrammetry.~~

KTA

28. Detailing.

Photographs were adequate for compilation. Field inspection was generally sketchy and did not seem thorough. Character of the shoreline was, in most instances, omitted by field inspection. Not enough comparison was made during field inspection between the photographs and Morgan City Quadrangle. Some details which could have been clarified in the field were left to the discretion of the office compiler. Also, compilation was carried beyond ^{the} area covered by field inspection.

29. Supplemental Data.

Planetable Sheet 6179, C&GS, and Morgan City Quadrangle (C. of E.) were used to supplement the photographs during compilation, and served for interpretation purposes.

30. Mean High-Water Line.

Mean high-water line was interpreted by ^{the} office compiler in some instances because compilation extended beyond limits of field inspection and because insufficient notes were given.

32. Details Offshore from the High-Water Line.

On ^{Nautical} ~~Hydrographic~~ Chart 1050, a "movable barrier" is shown where Bayou Chene leaves the Intracoastal Waterway. No investigation was made of this in the field and nothing can be interpreted from the photographs.

Where La. 280 crosses the Intracoastal Waterway, there may be a ferry connection. No evidence is available and it was not mentioned in field investigation notes.

34. Landmarks and Aids to Navigation.

One new landmark was added to the sheet by radial line methods. Its position is shown on Form 567 attached to this report. No aids to navigation are in the area. Chart 1050 shows Landmark "TANK" in the village of Rhoda. This has been destroyed and should be deleted.

44. Comparison with Existing Topographic Quadrangles.

Some minor ditches which appear on Morgan City Quadrangle were interpreted as being insignificant and are not shown. A levee is shown on the quadrangle along Bayou Boeuf and Bayou Chene. Parts of it are not shown because it cannot be interpreted from the photographs and field inspection gave insufficient data.

Tidal marsh areas on the south part of this sheet are so much different than what Morgan City Quadrangle shows that it would be hard to junction the two sheets. Bayous in this area were difficult to define, therefore geographic names are omitted.

La. State Hy. 1092 is continuous along Bayou Boeuf on Morgan City Quadrangle. Road classification in the field showed part of this highway to be La. Hy. 280, and classified it as type 5. Remainder of the highway (part along the Intracoastal Waterway) was classified as type 6 and was not designated as a state highway. Both sections look the same on photographs and it is logical that they would be a part of the same highway. It should be clarified during field edit or from some other sources.

Bayou Chene has been straightened some by cut-offs. This is compiled from field man's resection and from plan of proposed construction of Corps of Engrs. *J-17-1574/1574/1*

*Filed in
Div of
Publ
Files*

A pipeline crosses this sheet. It was impossible to identify it on photographs throughout the sheet and field inspection did not trace it out.

45. Comparison with Nautical Charts.

This sheet agrees favorably with Nautical Chart 1050 in most parts. It is believed that this sheet adequately portrays topographic details with the exception of a few details discussed above which are doubtful. This compilation should supersede all charted information.

Submitted by: E. H. Ramey
E. H. Ramey

Date: January 1948

Approved by: L. C. Lande
L. C. Lande

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

April 1945

U. S. COAST AND GEODETIC SURVEY

NON-FLOATING AID FOR CHARTS

Lake Charles, Louisiana
Washington, D. C.

25 July 1944
12 Jan. 1944

TO BE CHARTED
TO BE CHARTED

STRIKE OUT ONE

I recommend that the following objects which have been inspected from ~~the water~~ ^{the air} to determine their value as landmarks be charted on ~~the charts~~ ^{the charts} indicated.

The positions given have been checked after listing by

R. A. Gilmore
L. C. Lande

Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	CHARTS AFFECTED	
				LATITUDE		LONGITUDE						DATUM
				°	'	°	'					
Louisiana	STACK	center one of three, black	29° 41' 15.33" (947) 1533 (947) 543 (1111)	29 41	270	91 10	660	N.A. 1927	Photo. Comp.	June 1947	880 1050	
						</						

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-8893

Name on Survey

	A	B	C	D	E	F	G	H	K	
Intracoastal Waterway									US&B	1
Bayou Chene										2
Bayou Boeuf										3
Lake Palourde			Falls on T- 8921 K.H.M.						US&B	4
Tiger Island										5
Avoca Island										6
Bayou Black Settlement										7
Gravelle Farm										8
Inglewood										9
Englishwood										10
Glenn Orange										11
Glennine										12
Ramos										13
Greenwood										14
Wyandotte										15
Rhoda										16
Amelia										17
Boeuf										18
Spanish Trail										19
Carolina Bayou										20
Oakley										21
Oakland										22
Horse Bayou										23
Alligator Bayou										24
Bayou L'Course School										25
St. Andrews Church			Not shown on manuscript							26
Bayou Ramos										27
V.S. 90										28
Southern Pacific										29

Names underlined
in red are approved

Addition to Descriptive Report T- 8893

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-8893 which have occurred since the date of the field inspection for T-8893, project Ph-14(46). The more important of these changes have been made on manuscript T-8893 and are shown thereon in red ink. These changes in red have been applied prior to review and prior to the application of T-8893 to the nautical charts, and thus may be considered as a part of the original data for T-8893.

Division of Photogrammetry
Review Report of
Shoreline Map Manuscript T-8893

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.

44 Comparison with Existing Topographic Quadrangles

a. Quadrangles

U.S.F. Morgan City, Louisiana 1:62,500 1935

b. Topographic Surveys

T-6179 1:20,000 1934

^{not} The movable barrier (see sub-heading 32 Compilation Report) was shown on this survey.

Where Louisiana State Highway 200 crosses the Intracoastal Waterway, a bridge in ruins was shown. See sub-heading 32 Compilation Report.

Numerous scattered piling were shown in the Bayou Cheⁿze portion of the Intracoastal Waterway that were not recovered by the field inspector.

These three features have been removed from the map manuscript. 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 880, ^{one of} a new series, prior to review. ^{Examined again after review. 7-7-49}

47 Adequacy of the Compilation

Field inspection was generally adequate along the Intra-coastal Waterway.

The compilation of the cut-offs and the widening of Bayou Cheⁿze is not too accurate due to the method used in compiling.

In the future, the area of this map manuscript will be covered by planimetric map manuscripts T-9021, 9022, 9026 and 9027, which should give more complete and adequate coverage.

Reviewed by:

B. Thomas Hynson
B. Thomas Hynson 12/13/48

Approved by:

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

K.T. Adams
Chief, Division of Photogrammetry

H. Edmundson
Chief, Nautical Chart Branch,
Division of Charts

C. H. Green
Chief, Division of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T-8893

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.