

9867

Original

Diag. Cht. No. 1273-2.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. 24200 Office No. T-9867

LOCALITY

State LOUISIANA

General locality GULF COAST

Locality BAY TAMBOUR

19

CHIEF OF PARTY

E. H. Kirsch, Chief of Field Party

H. C. Ardlevist, Tampa Photo Office

LIBRARY & ARCHIVES

DATE

JUN 10 1967

CGMM-DC 61300

2986

DESCRIPTIVE REPORT - DATA RECORD

T - 9867

Project No. (II): 24200

Quadrangle Name (IV):

Field Office (II): Houma, La.

Chief of Party: E. H. Kirsch

Photogrammetric Office (III): Tampa Fla.

Officer-in-Charge: H. C. Applequist

Instructions dated (II) (III): 5 Sept. 1952
Supplement I 25 Sept. 1952
Supplement II 30 Sept. 1952

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:20,000

Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV): 11-20-56 Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 5-9-58

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III):

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): FOUR 1927

Lat.: $29^{\circ}17'32''$.086(987.9m)

Long.: $90^{\circ}03'49''$.577(1338.1m)

Adjusted
Unadjusted

Plane Coordinates (IV):

State:

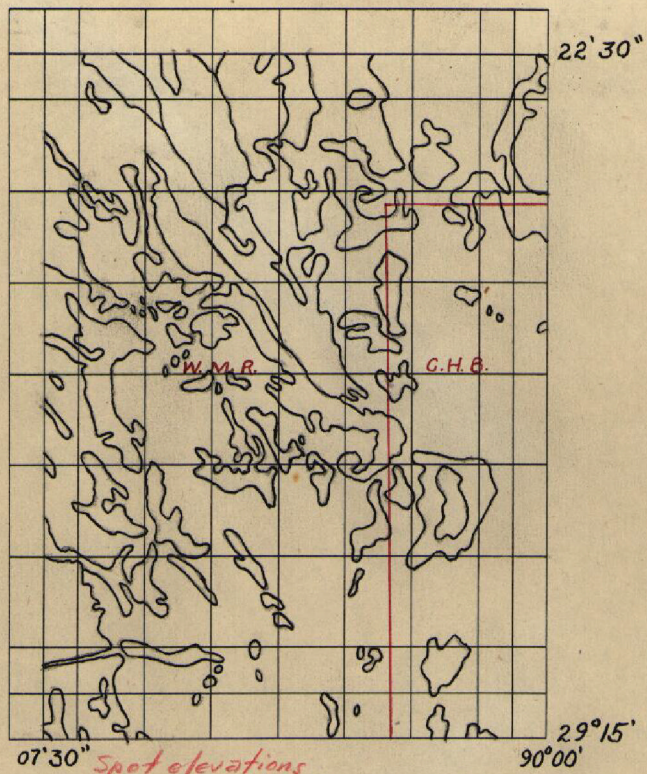
Zone:

Y=

X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.



07°30' *Spot elevations* 29°15'
 Areas contoured by various personnel
 (Show name within area)
 (II) (III)

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): C. H. Baldwin
W. M. Reynolds

Date: Jan. 1953 ✓

Spot elevations
~~Planetable contouring~~ by (II): C. H. Baldwin
W. M. Reynolds

Date: Jan. 1953 ✓

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): Jan. 1953 Air Photo Compilation ✓

Projection and Grids ruled by (IV): Joan Thuma (W.O.) ✓

Date: Sept. 3, 1952 ✓

Projection and Grids checked by (IV): W. D. Wolfe (W.O.) ✓

Date: Sept. 8, 1952 ✓

Control plotted by (III): R. R. Wagner

Date: 22 Oct. 1954 ✓

Control checked by (III): R. J. Pate

Date: 22 Oct. 1954 ✓

~~Radial Plot or Stereoscopic~~

Date: 18 May 1956 ✓

~~Control extension~~ by (III): M. M. Slavney

Stereoscopic Instrument compilation (III):
Planimetry
Contours

Inapplicable ✓

Date:

Date:

Manuscript delineated by (III): R. Dossett ✓

Date: Oct. 1956 ✓

Photogrammetric Office Review by (III): J. A. Giles

Date: Oct. 1956 ✓

Elevations on Manuscript

checked by (II) (III): J. A. Giles

Date: Oct. 1956 ✓

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): U.S.C. & G.S. 9-lens, 8 1/4 focal length ✓

Number	Date	Time	Scale	Stage of Tide
39587	29 Sept. 1952	11:33	1:20,000	No tide
39588	" "	11:36	"	
39589	" "	11:38	"	
39542	" "	10:31	"	
39543	" "	10:30	"	
39544	" "	10:21	"	

Single-lens photography:

56-W-4228 to 4232 incl. 10-23-56 1:30,000
56-W-4515 " 4219 " 10-24-56 "
56-W-4607 " 4610 " " "

Tide (III)

No perceptible tide

Reference Station:

Subordinate Station:

Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 34

Shoreline (More than 200 meters to opposite shore) (III): 65

~~Shoreline (Less than 200 meters to opposite shore) (III):~~

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 32

Recovered: 8

Identified: 9*

Number of BMs searched for (II): 8

Recovered: 3

Identified: 1

Number of Recoverable Photo Stations established (III): 2

Number of Temporary Photo Hydro Stations established (III): None

Remarks: * One station, although destroyed, could be identified.
7 Bench Marks established beyond limits of project.

Summary
to accompany topographic map T-9867

This topographic survey is one of PH-90 (6090) and covers Bay Tambour and vicinity near Barataria Bay in the State of Louisiana on the Gulf of Mexico.

The majority of the area is shallow water -- the balance a group of smaller to larger marsh island with a maximum ground elevation of only 3 feet. Shapes and shoreline of these islands are subject to frequent change.

Along with other quadrangles of this project, T-9867 was originally compiled in 1955 by graphic method at the Tampa District Office from 1952 nine-lens photography and 1953 field inspection. 1956 single-lens photography was made available in 1957 and clearly defined changes were applied to the original manuscript by office interpretation only. The end result as a reproduction medium to obtain a good copy for final registration represents a scribed sheet successfully accomplished at the Tampa Field Office.

Hydrographic information will be added to the compilation according to U. S. Geological Survey specification and released to that agency for the publication of a standard $7\frac{1}{2}$ minute quadrangle at the scale of 1:24,000. This will replace a previous publication of the same area (BAY TAMBOUR, LA.) by the Geological Survey of 1935 at the scale of 1:31680.

A Cronar film positive at manuscript scale of 1:20,000 and the Descriptive Report, as well as a print in colors after final printing by G. S. will be registered and filed in the Bureau Archives.

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2. AREAL FIELD INSPECTION

The area is marsh, covered with grass and stunted mangrove, except for a few small shell beaches. The soft marsh is subject to fast erosion so the shoreline is steadily receding.

The photographs are clear and were of recent date so no difficulty was encountered in their interpretation.

The field inspection is believed to be complete and adequate.

Field work was done on photographs 39403, 39543, 39544, 39587, 39588, and Navy photograph MDA-24-025.

3. HORIZONTAL CONTROL

A number of stations were not searched for because of their age, lack of description, and unsubstantial methods of marking. All recovered stations were identified.

The following Coast and Geodetic Survey stations were reported lost: SECUNDUS 1877; MARTIGAN 1911, CAMINADA 1877, FATE 1877, SHRIMP FACTORY 1927, HSE 1934, TERTIUS 1877, QUINTUS 1877, TAMBOUR 1876, DES 1934, CHAMPAGNE 1877, CHAMPAGNE 2 1911, CHAMPAGNE 3 1934, BLACK 1877, GOT 1934, MAIL 1877, HOLE 1877, NUT 1934, PEL 1934, 1ST PLATFORM CHIMNEY 1911, MARGIN 1877, BAY DES ILETES LT 1934, BEN 1934, and CAN 1934.

Station CAN 1934 was washed out after it had been identified. At station BEN 1934 the broken monument, which was still in place, was identified.

4. VERTICAL CONTROL

All vertical control stations in this area are tidal bench marks. They were all searched for and the following were recovered: OAKS BAY TIDAL BENCH MARK NO 1, 2, and 3; BAYOU RIGAUD TIDAL BENCH MARK NO 1, 2, 3, 4, 5, and 6; and TIDAL BENCH MARK WATERWELL (U.S.E.).

A fly level line was run from geodetic bench marks at Leeville to the tide staff at the east end of the Southwest Louisiana Canal, to control contouring.

5. CONTOURS AND DRAINAGE

For discussion of contouring methods, see Field Inspection Report, Quadrangle T-9678().

The drainage is tidal and is evident on the photographs.

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6. WOODLAND COVER

There is none.

7. SHORELINE AND ALONGSHORE FEATURES

All shoreline is apparent except at shell beaches.

The mean low water line is contiguous with the mean high water line.

8. OFFSHORE FEATURES

Adequately covered on the photographs.

9. LANDMARKS AND AIDS

There are no landmarks.

All aids are adequately covered by the photographs and Form 567.

10. BOUNDARIES, MONUMENTS AND LINES

See "Special Report, Public Land Lines, Project Ph-90". Nine public land lines monuments were recovered and identified in the quadrangle.

See "Special Report, Boundaries, Project Ph-90."

11. OTHER CONTROL

Two Form 524's were submitted for aids to navigation. No other control was established.

12. OTHER INTERIOR FEATURES

The only cultural interior features are trappers cabins and though they are not of substantial structure it is recommended they be mapped as Class 1 buildings because of the lack of other features.

13. GEOGRAPHIC NAMES

See "Special Report, Geographic Names, Project Ph-90."

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Letter of Transmittal No. 90-5, Forms 567, to be forwarded to Washington Office at a later date.

Letter of Transmittal No. 90-6, Forms 567, to be forwarded to Photogrammetric Office at a later date.

- (21)

Letter of Transmittal No. 90-7, "Special Report, Public Land Lines, Project Ph-90" and other land lines data, forwarded to the Washington Office 29 April 1953.

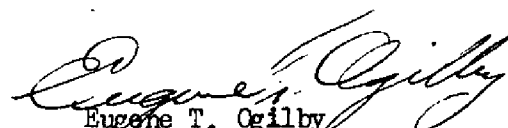
Letter of Transmittal dated 28 January 1953, Public Land Lines data forwarded to Washington Office, same date.

Letter of Transmittal No. 90-8, "Special Report, Geographic Names, Project Ph-90", to be forwarded to Washington Office at a later date.


Letter of Transmittal No. 90-9, "Special Report, Boundaries, Project Ph-90", forwarded to Washington Office 6 May 1953.

Letter of Transmittal No. 90-30, Data, Quadrangle T-9867(), forwarded to Washington Office MAY 14 1953

Submitted
13 May 1953


Eugene T. Ogilby
Cartographic Survey Aid

Approved & Forwarded
MAY 14 1953


E. H. Kirsch
Chief of Party

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
				FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
BEN, 1934(destroyed)	G-2386	N.A. 1927	29 18 19.640	Destroyed but ident. for Plot			604.7(1242.6)			
	P.100		90 07 08.740				235.9(1383.3)			
LOURSE, 1934	"	"	29 20 43.371				1335.3(512.0)			
	P.77		90 06 50.193				1354.0(264.6)			
JIM, 1934	"	"	29 19 16.305				502.0(1345.3)			
	P.99		90 05 24.565				662.8(956.1)			
PAR, 1934	"	"	29 17 00.477				14.7(1832.6)			
	P.100		90 06 56.239				1518.1(101.5)			
BOUR, 1927	"	"	29 17 32.086				987.9(859.4)			
	P.77		90 03 49.577				1338.1(281.3)			
ADA, 1934	"	"	29 15 10.120				311.6(1535.7)			
	P.98		90 03 05.204				140.5(1479.5)			
YOU, 1934	"	"	29 21 27.309				840.8(1006.5)			
	P.99		90 04 11.418				308.0(1310.1)			
MARTIGAN 2, 1934	"	"	29 15 44.060				1356.5(490.8)			
	P.79		90 01 13.895				375.1(1244.8)			
CAN, 1934(Destroyed)	"	"	29 15 53.785				1655.9(191.4)			
	P.100		90 06 16.194				437.2(1182.6)			

CHECKED BY: B. Wilson

9/29/53

COMPILATION REPORT T-9867PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-9865. ✓

31. DELINEATION

The graphic method was used.

The photographs were of reasonably good scale; however photograph 39587 had obscurity in the Southeast area due to clouds. The field inspection was adequate. ✓

32. CONTROL

Reference photogrammetric plot report. ✓

33. SUPPLEMENTAL DATA

None. ✓

34. CONTOURS AND DRAINAGE

The drainage was delineated as shown on the photographs. ✓

The maximum ground elevation did not exceed ~~one foot~~; contours consequently are inapplicable. *three feet* ✓

35. SHORELINE AND ALONGSHORE DETAILS

Delineated according to photographic interpretation and field inspection notes. Shoreline inspection was adequate. Reference Item 7 of field inspection report for M.L.W. and M.H.W. lines. ✓

36. OFFSHORE DETAILS ✓

None.

37. LANDMARKS AND AIDS

There are no landmarks. Two aids to navigation are being submitted ✓ on Form 567. They were located by theodolite cuts submitted by the field inspectors.

38. CONTROL FOR FUTURE SURVEYS ✓

None.

39. JUNCTIONS

A satisfactory junction has been secured with T-9678 on the north, T-9866 on the west, and T-9877 on the south. There is no contemporary survey on the east. ✓

40. HORIZONTAL AND VERTICAL ACCURACY ✓

No statement required.

41. PUBLIC LAND LINES

Township 21 south Ranges 23 E and 24 E were plotted from "Limited Dependent Resurvey and Extension Survey", by the Bureau of Land Management, U. S. Department of Interior, surveyed in 1952 by Norville E. Shearer, Cadastral Engineer. These were tied into the regular G.L.O. Plats for T 20 S, Ranges 23 and 24 East, on the north. The junction to the south and with T-9877 is made with a like survey of the aforementioned resurvey of Norville E. Shearer of T22S, R24E. ✓

42. BOUNDARY LINES

The parish line from the south entrance of Fricot Bayou is indefinite. The line southward from here is in dispute and is now awaiting a decision by the Supreme Court of the United States. The line as indicated - A Lafourche County Survey - has been approved by the Supreme Court of Louisiana. ✓

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U.S.C.&G.S. Air Photo Compilation T-5301, scale 1:20,000 from photographs dated December and January 1953; also U.S. Geological Survey "BAY TAMBOUR, LA." Quadrangle, scale 1:31,680 field examined in 1935. The principal discrepancy noted on both of these is the receded shoreline due to natural erosion. Some of the smaller islands have disappeared completely. Except for this, the general agreement is good. ✓

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with nautical chart No. 1273, scale 1:80,000, published in May 1938, and corrected to 28 July 1956. It appears that the maps described in Item 46 are the source of topography and the same differences exist. ✓

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Rudolph Dosselt
Rudolph Dosselt
Carto Photo Aid.

Approved and Forwarded:

H. C. Applequist

H. C. Applequist
Chief of Party.

48. GEOGRAPHIC NAME LIST

ANDRE ISLAND ✓

BASSA BASSA BAY ✓

BAY DESES PERE ✓

BAY DES ILETTES ✓

BAY LIZETTE ✓

BAY L'OURS ✓

BAYOU L'OURS ✓

BAY RAMBO ✓

BAY SOYEUX ✓

BAY TAMBOUR ✓

BAY VASIER ✓

BAYOU ANDRE ✓

BAYOU CASSE-TETE ✓

BAYOU FERBLANC ✓

BAYOU GARCI ✓

BAYOU ROSEAU ✓

CAMINADA BAY ✓

CREOLE BAY ✓

DANIELS CUT ✓

FISHERMANS BAY ✓

FRICOT BAYOU ✓

HATCHET LAKE ✓

JEFFERSON PARISH ✓

LAFOURCHE PARISH ✓

LAKE ANDRE ✓

LAKE PIERRE ✓

LOUISIANA ✓

MARTIGAN POINT ✓

OAKS BAY ✓

PALMETTO BAYOU ✓

POINT DES ILETTES ✓

RACCOON LAKE ✓

RACCOON BAYOU ✓

ROUND LAKE ✓

SNAKE BAYOU ✓

SOUTHWESTERN LOUISIANA CANAL ✓

WEST CHAMPAGNE BAY ✓

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

~~TO BE DELETED~~

STRIKE OUT ONE

I recommend that the following objects which have ~~been~~ 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

2000

Mr. C. T. Tamm Chief of Party.

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

PHOTOGRAMMETRIC OFFICE REVIEW

50.

T- 9867

1. Projection and grids J.G. 2. Title J.G. 3. Manuscript numbers J.G. 4. Manuscript size J.G.
4a. Classification label unclassified

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy M.M.S. 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) J.G. 7. Photo hydro stations VY 8. Bench marks J.G. 9. Plotting of sextant fixes XX 10. Photogrammetric plot report J.G. 11. Detail points J.G.

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline J.G. 13. Low-water line J.G. 14. Rocks, shoals, etc. XX 15. Bridges XX 16. Aids to navigation J.G. 17. Landmarks XX 18. Other alongshore physical features J.G. 19. Other along-shore cultural features J.G.

PHYSICAL FEATURES

20. Water features J.G. 21. Natural ground cover J.G. 22. Planetable contours XX 23. Stereoscopic instrument contours XX 24. Contours in general XX 25. Spot elevations J.G. 26. Other physical features J.G.

CULTURAL FEATURES

27. Roads XX 28. Buildings J.G. 29. Railroads XX 30. Other cultural features J.G.

BOUNDARIES

31. Boundary lines J.G. 32. Public land lines J.G.

MISCELLANEOUS

33. Geographic names J.G. 34. Junctions J.G. 35. Legibility of the manuscript J.G. 36. Discrepancy overlay J.G. 37. Descriptive Report J.G. 38. Field inspection photographs J.G. 39. Forms J.G.

40. Jesse A. Giles
Jesse A. Giles Reviewer

Wm. A. Rasure
Supervisor, Survey Section of Unit Wm. A. Rasure

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler

Supervisor

43. Remarks:

T-9867.

Geographic Names.

- Andre Island
- Bassa Bassa Bay
- Bay Desespere
- Bay Joyeux (Not Soyeux)
- Bay l'Ours
- Bay des Ilettes
- Bay Lizette
- Bay Rambo
- Bay Vasier
- Bay Tambour
- Bayou Andre
- Bayou Casse-tete
- Bayou Ferblanc
- Bayou Garci
- Bayou l'Ours
- Bayou Roseau
- Caminada Bay
- Creole Bay
- Daniels Cut
- Fishermans Bay
- Fricot Bayou
- Hatchet Lake
- Jefferson Parish
- Lake Andre
- Lafourche Parish
- Lake Pierre
- Louisiana
- Martigan Point
- Oaks Bay
- Palmetto Bayou
- Pt des Ilettes
- Raccoon Bayou
- Raccoon Lake
- Round Lake
- Snake Bayou
- Southwestern Louisiana Canal
- West Champagne Bay

Names approved 12-5-56

L. Heck.

L. H.

Review Report of
Topographic Map T-9867
February 1958

61. General Statement:

T-9867 is one of the topographic surveys of project PH-90 originally compiled from 1952 photography and 1953 field inspection. Photography of 1956 was used later to apply limited revisions to the manuscript -- without benefit of field inspection or field edit.

62. Comparison with Registered Topographic Surveys:

T-1468a	1:20,000	1877
T-1468b	1:20,000	1877-78
T-5301	1:20,000	1934

Differences exist between these surveys. However, registered topographic survey of 1934 compares favorably with subject survey and only minor differences are noted. T-9867 is to supercede above-listed surveys of common areas for nautical charting purposes.

63. Comparison with Maps of Other Agencies:

BAY TAMBOUR, LA., 1:31680, 1935, U. S. Geological Survey.

Similar differences to USC&GS sheet of 1934 and T-9867 are found here.

64. Comparison with Contemporary Hydrographic Surveys:

None!

65. Comparison with Nautical Charts:

1273	1:80,000	Revised to 57 9/23
1050	1:175000	Revised to 57 2/25

With the exception of a dredged channel from an oil well in Fishermans Bay to and through the west portion of Bay Tambour shown on T-9867, there are only minor differences between these nautical charts and subject survey.

66. Adequacy of Results and Future Surveys:

The application of changes to the original compilations as clearly indicated on the 1956 photography appears appropriate in this case. The lack of a field inspection and completion survey do not necessarily indicate deficiencies in accuracy or adequacy.

Reviewed by:

Joseph A. Streifler

L. C. Lande
Chief, Review & Drafting Sec.
Photogrammetry Division

Max Brinketts
Chief, Nautical Chart Branch
Charts Branch

Ed Bull
Chief, Photogrammetry Div.

W. B. Bull
Chief, Coastal Surveys