

9859

Daig. Cht. No. 1116-2, and 1275-2.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Ph-90 Office No. T-9859

LOCALITY

State Louisiana

General locality Gulf Coast

Locality Bayou Du Large to Carrion Crow

Bayou

1945-56

CHIEF OF PARTY

E.H.Kirsch, Chief of Field Party

H.C.Applequist, Tampa Photo. Office

LIBRARY & ARCHIVES

DATE July 31, 1959

9859

DESCRIPTIVE REPORT - DATA RECORD

T - 9859

Project No. (II): 6090

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 September 1952
(Supplemental 1) 25 September 1952
(Supplemental 2) 30 September 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):

MAR 19 1956

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 12/17/58

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N. A. 1927

Vertical Datum (III): M.H.W.

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): RICE, 1935 ✓

Lat.: $29^{\circ}19'39.391$ (1212.8 m) ✓ Long.: $91^{\circ}03'21.036$ (567.6 m) ✓

Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

State:

Zone:

Y=

X=

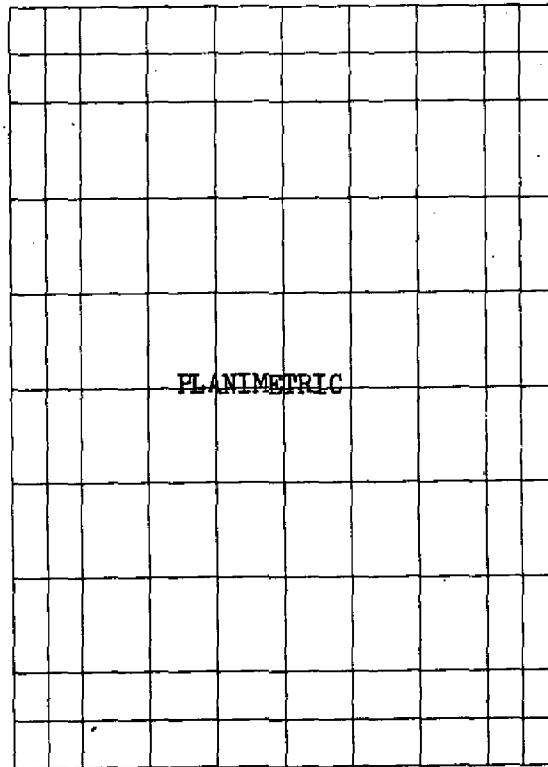
Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,
or (IV) Washington Office.

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

FORM 181a
(4-23-54)

DESCRIPTIVE REPORT - DATA RECORD

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY



Areas contoured by various personnel
(Show name within area)
(II) (III)

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): Coast and Geodetic Survey Nine-lens, 8 1/4" focal length

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
39572	29 Sept. 1952	11:11	1:20,000	Inapplicable
39573	"	11:12	"	"
39574	"	11:13	"	"
39575	"	11:14	"	"
39603	"	11:54	"	"
39604	"	11:55	"	"
39605	"	11:56	"	"

1956 single-lens photography:
56-W-4262 to incl. 4265 23 Oct. 1956 1:30000
4471 " " 4475 " " "
4548 " " 4552 24 Oct. 1956 " "
4575 " " 4578 " " "

Tide (III)

Inapplicable

Ratio of Ranges	Mean Range	Spring Range

Reference Station:
 Subordinate Station:
 Subordinate Station:

Washington Office Review by (IV):

Josef J. Streifler

Date:

Oct. 1958

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 52
 Shoreline (More than 200 meters to opposite shore) (III): 40
~~Shoreline (Less than 200 meters to opposite shore) (III):~~

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 3

Recovered: 3

Identified: 3

Number of BMs searched for (II): * 6

Recovered: 6

Identified: 3

Number of Recoverable Photo Stations established (III): None

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

Remarks:

* Tidal Bench Marks

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): W. M. Reynolds
I. Y. Fitzgerald

Date: Dec. 1952 Mar.
and May 1953.

Planetable contouring by (II): Inapplicable

Date:

Completion Surveys by (II): *None!*

Date:

Mean High Water Location (III) (State date and method of location):

Sept. 1952
Air Photo Compilation

Projection and Grids ruled by (IV): Austin Riley (W. O.)

Date: 31 Aug. 1953

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

Date: 4 Sept. 1953

Control plotted by (III): J. Steinberg

Date: 3 Dec. 1953

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

Date: 14 Sept. 1954

Radial Plot or Stereoscopic

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

Date: 24 Mar. 1955

Planimetry

Stereoscopic Instrument compilation (III):

Inapplicable

Contours

Date:

Date:

Manuscript delineated by (III): Rexford E. Smith Jr.

Date: 10 Jan. 1956

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

Date: 16 Jan. 1956

Elevations on Manuscript

checked by (I) (III): * Inapplicable

Date:

* Reference Item 5.

SUMMARY

to accompany planimetric map T-9859

This is one of a group of planimetric and topographic maps of project Ph-90 (6090). The entire project, consisting of 37 surveys, is in the State of Louisiana and covers a portion of the coastal area on the Gulf of Mexico.

T-9859 covers the land area surrounding Lost Lake, directly east of Fourleague Bay. There is no evidence of habitation within the limits of this quadrangle and few isolated seasonal cabins for trappers and sparse oil drilling activities mark the only features of cultivation. All land area is marsh and under 5 feet of elevation.

Graphically compiled in 1956 from 1952 nine-lens photography and results of 1953 field inspection, the compilation manuscript was subjected to extensive revisions from 1956 single-lens photography and based on office interpretation only. (Completion survey in this project was confined, generally, to areas accessible by roads. Subject survey without any such means of access was corrected from photography only. In consideration of the area involved, such procedure appears sufficiently adequate.) The original compilation, revisions and scribing to obtain good reproduction copy, was accomplished at the Tampa District Office and additions and corrections, of minor nature, were applied directly during Washington Office Review.

A cronar film positive at the compilation scale of 1:20,000 and the Descriptive Report will be registered and filed in the Bureau Archives.

Oct. 1958

2. AREAL FIELD INSPECTION

The entire area is marsh and is uninhabited. Surface transportation to any part of the area is by boat only through the many bayous and lakes.

Trapping and shrimping are the only industries of the area and they are of little importance. Shrimp caught in the bayous and lakes are of small size and are dried on the shrimp drying platforms scattered throughout this and adjacent areas.

Cabins are found along the bayous. Most of these are used by trappers during the trapping season. Those near shrimp drying platforms are used by shrimpers to tend drying shrimp during the sunny summer months.

Field inspection is believed to be adequate and complete.

Photographic quality was good with no difficulties encountered in their use.

Field inspection was done on nine-lens photographs 39573, 39574, 39603, 39604 and 39605.

3. HORIZONTAL CONTROL

No stations were reported lost.

No supplemental control was established.

4. VERTICAL CONTROL

LOST LAKE TIDAL BENCH MARKS 1, 2, and 3 and LAKE WASHA TIDAL BENCH MARKS 1, 2 and 3 were recovered. None were identified as each is either triangulation station or a reference mark. NOTE: LAKE WASHA T.B.M.'s are not A and were identified on 39603. *W.A.R.*

No supplemental control was established.

5. CONTOURS AND DRAINAGE

Although this is a planimetric map the area was closely examined for contour revisions necessary to the published Geological Survey quadrangle of the area. None were necessary.

Drainage is all tidal and is adequately covered by the photographs.

6. WOODLAND COVER

There is none.

7. SHORELINE AND ALONGSHORE FEATURES

All shoreline is apparent. As there is very little periodic tide the mean low water line is synonymous with the apparent shoreline.

There are no docks, wharves, piers, landings or submarine cables in the area.

8. OFFSHORE FEATURES

There are none.

9. LANDMARKS AND AIDS

There are none.

10. BOUNDARIES, MONUMENTS AND LINES

There are no political boundaries in the area. See "Special Report, Boundaries, Project Ph-90."

For land lines data, see "Special Report, Public Land Lines, Project Ph-90."

11. OTHER CONTROL

Recovery cards were submitted for the following 1935 recoverable topographic stations: TOP, TAK, FAG, DRA, DUP, DIN, ICE and SNO. Recovery of the last three is doubtful; all others are destroyed.

No other control was established.

12. OTHER INTERIOR FEATURES

Cabins mentioned previously are recommended to be mapped as Class 1 buildings despite of their construction and use due to their value as landmark features.

There are no other interior features.

13. GEOGRAPHIC NAMES

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

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

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

Letter of Transmittal dated 28 January 1953, Public Land Lines data 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. 90-40, Data, Quadrangle T-9859(), forwarded to Washington Office MAY 21 1953

Submitted
20 May 1953

Isaiah Y. Fitzgerald
Isaiah Y. Fitzgerald
Photogrammetric Engineer

Approved & Forwarded

MAY 21 1953

E. H. Kirsch
E. H. Kirsch
Chief of Party

COMPILATION REPORT T-9859

PHOTOGRAMMETRIC PLOT REPORT
Submitted with T-9672

31. DELINEATION

The graphic method was used. The scale of the photographs were fair. Field inspection was adequate.

32. CONTROL

Reference Photogrammetric Plot Report.

33. SUPPLEMENTAL

None.

34. CONTOURS AND DRAINAGE

Reference Item 5.
Drainage photogrammetrically interpreted.

35. SHORELINE AND ALONGSHORE DETAILS

Reference Item 7.

36. OFFSHORE DETAILS

None noted.

37. LANDMARKS AND AIDS

None noted.

38. CONTROL FOR FUTURE SURVEYS

Reference Item 11. Topographic Station HOY(1935)1953 was inadvertently omitted by the field inspector. None have been listed under Item 49 because they were either lost or of doubtful recovery.

39. JUNCTIONS

A satisfactory junction has been made with T-9860 on the east, T-9807 on the west, and T-9869 on the south.

The junction with T-9033 of Ph-21 (47) to the north is not completely satisfactory; reference the Photogrammetric Plot Report. The maximum discrepancy puts details on T-9033 08 mm(16 meters) east of this survey at longitude 91°04' and diminishes to 0.0 at 91°00' and 91°06'.

SCALE FACTOR.....

[illegible]

COMPUTED BY	B. Wilson
DATE	10/22/53
CHECKED BY	J. Steinberg
DATE	11/4/53
COMM. DC - 5784.	120

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

41. PUBLIC LAND LINES

The majority of the section corners were plotted from plane coordinates positions furnished by the Louisiana Land and Exploration Company and the United Gas Line Company. The sections have been shown in red ink on the Land Discrepancy print. Those shown in blue ink are taken from plats furnished by the Arkansas Fuel Oil Company and the Barnsdall Oil Company. The Land Lines shown in yellow ink have been taken from the old G.L.O. plats. Areas not covered are unsurveyed.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with Planimetric Map T-5662, scale 1:20,000, compiled in 1931, and with the U. S. Corps of Engineers 15-minute quadrangle "LAKE DECADE", scale 1:62,500, compiled in 1931, revised in 1932-35 by Mississippi River Commission.

With the exception of shoreline changes due to erosion, no outstanding changes were noted.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with Nautical Chart No. 1275, scale 1:80,000, published May 1933, bearing a print date of 17 July 1953, and with Nautical Chart No. 1050, scale 1:175,000, published Oct. 1939, bearing a print date of 23 June 1952. The same differences noted under Item 46 apply. However numerous small circles, indicating piling and being labeled "Markers" appear on Nautical Chart No. 1275. These have not been shown because they were not identified on the field photographs.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Rexford E. Smith Jr.
Rexford E. Smith Jr.
Carto Photo Aid.

Approved and Forwarded

H. C. Applequist

H. C. Applequist
Chief of Party

49. NOTES FOR THE HYDROGRAPHER

None

T-9859.

Geographic Names.

Bay Junop ✓
Bayou de Cade ✓
Bayou du Large ✓
Bayou Sanbout ✓
Big Carrion Crow Bayou ✓
Blue Hammock ✓
Blue Hammock Bayou ✓
Buckskin Bayou ✓

Carrion Crow Lake ✓
Crochet Canal ✓

Deadmans Bayou ✓
Dominick Bayou ✓

Eagle Bayou ✓
Eagle Lake ✓

Fourleague Bay ✓

Lake Mechant ✓
Lake Pagie ✓
Little Blue Hammock Bayou ✓
Lost Lake ✓
Lost Lake Pass ✓
Oyster ✓
Old ~~Kitar~~ Bayou ✓
Old Oyster Bayou Lake ✓
Flessale Cut ✓
Midhole Bay ✓

Louisiana ✓

(one word)

Rice Bayou ✓
Rice Island ✓

Schooner Bayou ✓

Terrebonne Parish ✓
The Narrows ✓

Violin Bay ✓
Violin Bayou ✓

Wine Bayou ✓

Names approved 11-27-56

L. Heck

PHOTOGRAMMETRIC OFFICE REVIEW

50.

T- 9859

1. Projection and grids JG 2. Title JG 3. Manuscript numbers JG 4. Manuscript size JG1a. Classification ~~label~~ unclassified

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines XX 32. Public land lines JG

MISCELLANEOUS

33. Geographic names JG 34. Junctions JG 35. Legibility of the manuscript JG 36. Discrepancy overlay JG 37. Descriptive Report JG 38. Field inspection photographs JG 39. Forms JG
40. Jesse A. Giles *Jesse A. Giles* William A. Rasure
Reviewer Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

* Nine topographic stations (1935) were reported destroyed or of doubtful recovery.

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:

Review Report of
Planimetric Map T-9859
October 1958

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

T-2943	1:20000	1909
T-5662	1:20000	1931-35

There are notable changes between subject survey and T-2943 of 1909 in shoreline. T-5662 and T-9859 are in good harmony except for several recently dredged canals. Subject survey is to supersede above-listed surveys for nautical charting purposes of common areas.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

LAKE DECADE, LA., 1:62500 Ed. of 1935, WAR DEPT. (Corps of Engineers).

This quadrangle is in good agreement with Coast Survey sheet T-5662 of similar period of time (see item No. 62). However, a copy of compilation manuscript of subject survey will be submitted to the U. S. Geological Survey to cover a portion of a new topographic quadrangle at the scale of 1:62500 to be published by that agency.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

None.

65. COMPARISON WITH NAUTICAL CHARTS:

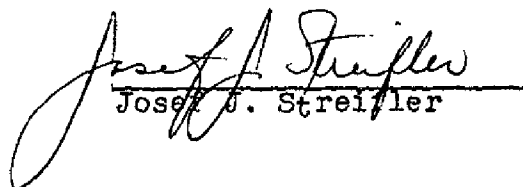
1275	1:80000	Revised to 57 9/16
1050	1:175000	" " 58 5/12

With the exception of a few smaller canals dredged recently and not appearing on the nautical charts, there is good agreement.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

The revisions applied to the original compilation manuscript directly from later photography without additional field inspection or completion survey, was accomplished as per instructions and appears appropriate in this case. Indications of deficiencies in adequacy or accuracy were not noted.

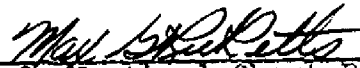
Reviewed by:


Josef J. Streifler

APPROVED BY:



Chief, Review & Drafting Section
Photogrammetry Division



Chief, Nautical Chart Branch
Charts Division



Chief, Photogrammetry Division

14 July 59



Chief, Coastal Surveys Division

NAUTICAL CHARTS BRANCH

SURVEY NO. T-9859

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.