<table>
<thead>
<tr>
<th><strong>Type of Survey</strong></th>
<th><strong>Planimetric</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Field No.</strong></td>
<td><strong>Ph-90</strong></td>
</tr>
<tr>
<td><strong>Office No.</strong></td>
<td><strong>T-9859</strong></td>
</tr>
</tbody>
</table>

**LOCALITY**

<table>
<thead>
<tr>
<th><strong>State</strong></th>
<th><strong>Louisiana</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General locality</strong></td>
<td><strong>Gulf Coast</strong></td>
</tr>
<tr>
<td><strong>Locality</strong></td>
<td><strong>Bayou Du Large to Carrion Cross Bayou</strong></td>
</tr>
<tr>
<td><strong>Date</strong></td>
<td><strong>19F 52-56</strong></td>
</tr>
</tbody>
</table>

**CHIEF OF PARTY**

E.H. Kirsch, Chief of Field Party
H.C. Applequist, Tampa Photo. Office

**LIBRARY & ARCHIVES**

**DATE**

July 31, 1959
DESCRIPTIVE REPORT - DATA RECORD

T - 9859

Project No. (II): 6090

Quadrangle Name (IV):

Field Office (II): HOUMA, L.A.

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):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 12/17/55

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N. A. 1927

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

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

Reference Station (III): RICE, 1935

Lat.: 29°19'13.39" (1212.8 m)
Long.: 91°03'21.036" (567.6 m)
Adjusted

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

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>39572</td>
<td>29 Sept. 1952</td>
<td>11:11</td>
<td>1:20,000</td>
<td>Inapplicable</td>
</tr>
<tr>
<td>39573</td>
<td>&quot;</td>
<td>11:12</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>39574</td>
<td>&quot;</td>
<td>11:13</td>
<td>&quot;</td>
<td>&quot;</td>
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<tr>
<td>39575</td>
<td>&quot;</td>
<td>11:14</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>39603</td>
<td>&quot;</td>
<td>11:54</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>39604</td>
<td>&quot;</td>
<td>11:55</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>39605</td>
<td>&quot;</td>
<td>11:56</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
</tbody>
</table>

1956 Single-lens photography:
- 4262 to 4265, 23 Oct. 1956, 1:30,000
- 4471
- 4475
- 4518
- 4522, 24 Oct. 1956
- 4575
- 4578

**Tide (III)**

Inapplicable

<table>
<thead>
<tr>
<th>Ratio of Ranges</th>
<th>Mean Range</th>
<th>Spring Range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

**Reference Station:**

**Subordinate Station:**

**Washington Office Review by (IV):**

**Josef J. Streifler**

**Final Drafting by (IV):**

**Drafting verified for reproduction by (IV):**

**Proof Edit by (IV):**

**Land Area (Sq. Statute Miles) (III):** 52

**Shoreline (More than 200 meters to opposite shore) (III):** 40

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

Date: Dec. 1952 Mar. and May 1953.

Planetary contouring by (II): Inapplicable

Date:

Completion Surveys by (II): Done

Date:

Mean High Water Location (III) (State date and method of location): Sept. 1952 Air Photo Compilation

Date: 31 Aug. 1953

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 Plots compiled by (III): M. M. Slavney

Date: 24 Mar. 1955

Stereoscopic Instrument compilation (III): Inapplicable

Date:

Planimetry

Contours

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 color 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 TBM's are not A and were identified on 39603. 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, DUL, DIN, ICE and SNO. Recovery of the last three is doubtful; all others are destroyed.

No other control was established.

12. OTHER INTERIOR FEATURES

Cabin 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 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. 90-40, Data, Quadrangle T-9859( ), forwarded to Washington Office MAY 21 1953

Submitted
20 May 1953

Isaiah V. Fitzgerald
Photogrammetric Engineer

Approved & Forwarded
MAY 21 1953

E. H. Kirsch
Chief of Party
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 0.88 mm (16 meters) east of this survey at longitude 91°00' and diminishes to 0.0 at 91°00' and 91°06'.
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>LATITUDE OR ν-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>N.A. 1927 DISTANCE</th>
<th>DATUM CONNECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>RICE, 1935</td>
<td>G2568</td>
<td>29 19</td>
<td>39.391</td>
<td>1212.8</td>
<td>567.6</td>
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<tr>
<td></td>
<td>P.111</td>
<td>21 03</td>
<td>21.036</td>
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<tr>
<td>OLD, 1935</td>
<td>&quot;</td>
<td>29 15</td>
<td>52.284</td>
<td>1609.7</td>
<td>1105.9</td>
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<td>&quot;</td>
<td>21 05</td>
<td>10.981</td>
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<tr>
<td>KID, 1935</td>
<td>&quot;</td>
<td>29 17</td>
<td>11.263</td>
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<td>21 03</td>
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<td></td>
<td>320.1</td>
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<tr>
<td></td>
<td></td>
<td>21 03</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WASHA, 1935h</td>
<td>G2386</td>
<td>29 19</td>
<td>06.132</td>
<td>188.8</td>
<td>95.4</td>
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<td>P.89</td>
<td>21 00</td>
<td>03.534</td>
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</table>
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 DECAD", scale 1:52,500. 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

Approved and Forwarded

H. C. Applequist
Chief of Party

Redford E. Smith Jr.
Carto Photo Aid.
49. NOTES FOR THE HYDROGRAPHER

None
T-9359

Geographic Names:

Bay Junop
Bayou de Cade
Bayou du Large
Bayou Sanbouy
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 Merchant
Lake Pigeon
Little Blue Hammock Bayou
Lost Lake
Lost Lake Pass

Oyster
Old Oyster Bayou
Old Oyster Bayou Lake
Plessala Cut

Mudhole Bay

Rice Bayou
Rice Island

Schooner Bayou

Terrebonne Parish

The Narrows

Violin Bayou
Violin Bayou

Wine Bayou

Names approved 11-27-56
L.Eck

\[\text{...}\]
PHOTOGRAMMETRIC OFFICE REVIEW

50.


CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy ______ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) ______ 7. Photo hydro stations ______ 8. Bench marks ______


ALONGSHORE AREAS

(Nautical Chart Data)


PHYSICAL FEATURES


CULTURAL FEATURES


BOUNDARIES

31. Boundary lines ______ 32. Public land lines ______

MISCELLANEOUS


40. 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 ______ 43. Remarks: ______

Supervisor ______
62. **COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:**

<table>
<thead>
<tr>
<th>Survey</th>
<th>Scale</th>
<th>Date</th>
</tr>
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<tbody>
<tr>
<td>T-2943</td>
<td>1:20000</td>
<td>1909</td>
</tr>
<tr>
<td>T-5662</td>
<td>1:20000</td>
<td>1931-35</td>
</tr>
</tbody>
</table>

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:**

<table>
<thead>
<tr>
<th>Chart</th>
<th>Scale</th>
<th>Date</th>
<th>Revised</th>
</tr>
</thead>
<tbody>
<tr>
<td>1275</td>
<td>1:80000</td>
<td></td>
<td>57 9/16</td>
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<tr>
<td>1050</td>
<td>1:175000</td>
<td></td>
<td>58 5/12</td>
</tr>
</tbody>
</table>

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:

[Signature]

Joseph A. Streifler
## NAUTICAL CHARTS BRANCH

**SURVEY NO. T-9859**

Record of Application to Charts

<table>
<thead>
<tr>
<th>DATE</th>
<th>CHART</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mar 63</td>
<td>1275</td>
<td>Michael</td>
<td>Before After Verification and Review</td>
</tr>
<tr>
<td>4/2/91</td>
<td>11356</td>
<td>L. Adams</td>
<td>Before After Verification and Review</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Considered Fully Applied, No Further Correlation</strong></td>
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</table>

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.