DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

State: Louisiana

DESCRIPTIVE REPORT
Photo Topographic Sheet No. T-5288 5288

LOCALITY
Lake Fenchant.

Carrion Crow Bayou to Bayou du Large

1934

CHIEF OF PARTY
Applied 5 Clark 1051 May 1937 Clark R Ruth
TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. 1

REGISTER NO. T-5288 5288

State Louisiana

General locality Lake Pemchant

Locality Carrion Crow Bayou to Bayou de Large

Scale 1:24,000 Date of Survey 11/30/32, 19...

WATNECK Air Photo Compilation Party No. 24, New Orleans, La.

Chief of party M. H. Reese

Surveyed by See data sheet in the descriptive report

Inked by F. A. Donadieu

Heights in feet above --------- to ground to tops of trees

Contour, Approximate contour, Form line interval ------- feet

Instructions dated November 7, 1935,

Remarks: Compiled on scale of 1:24,000 and enlarged and
printed on scale of 1:20,000 by Photo Lithography.

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- NOTES ON COMPILATION -

<table>
<thead>
<tr>
<th>PHOTOS, NO.</th>
<th>DATE OF PHOTOGRAPHS</th>
<th>TIME</th>
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</thead>
<tbody>
<tr>
<td>1653-1661</td>
<td>11/30/32</td>
<td>9:57 to 10:02 A. M.</td>
</tr>
<tr>
<td>1676-1685</td>
<td>11/30/32</td>
<td>10:08 to 10:13 A. M.</td>
</tr>
</tbody>
</table>

BY

PROJECTION BY E. P. Hernandez 3/1/34

PROJECTION CHECKED BY E. M. Noon 3/1/34

CONTROL POTTED BY H. C. Caulfield 3/2/34

CONTROL CHECKED BY M. H. Reese 3/3/34

RADIAL LINE PLOT BY M. H. Reese & E. L. Fitch 3/6-3/10/34

RADIAL LINE PLOT CHECKED BY M. H. Reese 3/12/34

DRAFTING OF PHOTOGRAPHS BY F. A. Donadieu 3/12-3/29, 4/4/34

PASTING OF NAMES BY F. A. Donadieu 5/21/34

REVIEW OF COMPILATION BY E. L. Fitch 4/15/34

AREA OF DETAIL INKED—119.1 sq Statute Miles.

LENGTH OF SHORELINE (more than 100 meters from nearest opposite shore)--- 32.9 Statute Miles.
GENERAL INFORMATION.

Instructions date November 7, 1933.
The information used in the compilation of this sheet has
been obtained from the notes and sketches on the field photographs;
from the report of Lieutenant (j.g.) E. R. Mc Carthy in charge of
a triangulation party located in this area at the time of the
compilation; from the U. S. Geological Survey Quadrangle sheet S/2
Gibson, Louisiana Quad; and from members of the field inspection
party in questionable areas.
The accompanying "Notes on Compilation" details all data
and statistics in connection with the compilation of this sheet.
Because of the very small tide in this area, one foot,
and the small scale of the photographs, its effect was neglected in
the interpretation of the high water line from the photographs.
The area covered by this sheet consists principally of
low marsh ground, very little of which is under cultivation.
This sheet was compiled from photographs taken by the
U. S. Army Air Corps' five lens T-3 A Camera, No.32-3, photograph
numbers—1653-1661 (West Flight), approximately parallel with
Long. 90°56'45"), and 1676-1686 (East Flight), approximately
parallel with Longitude 90°48'15"

CONTROL.

(A) Sources.
The following sources of control were used in the
compilation of this sheet.
(a) Triangulation by Lieutenant (j.g.) E. R. Mc
Carthy in 1933-34.
The geographic positions obtained by Lieutenant
E. R. Mc Carthy were used; these are on the North
American 1927 Datum. The difference between the
unadjusted and the final adjusted positions would be
unnotable at the scale of this compilation (1:24,000).

(B) Errors.
The control is adequate for this sheet and the
radial plot gave good intersections.

(C) Discrepancies.
No discrepancies in position of control stations
was found. No control stations established by other
organizations were used in this compilation.
COMPILATION.

(A) Method.

The usual five lens radial line method of plotting was used throughout in the compilation of this sheet.

(B) Adjustment of Plot.

The photographs in these two strips appear to be free of excessive tilt and scale fluctuation and the radial plot required no unusual adjustments.

(C) Interpretation.

To denote mangle brush three or four feet high the symbol used was thus: (♀); otherwise, only the conventional graphic symbols were used as approved by the "Board of Surveys and Maps" (1932) and no great difficulty was experienced in interpreting the photographic detail.

The double full line was used to indicate bayous and large canals as well as all the better class of roads. These are indicated by name on the sheet. The lesser bayous and canals were shown by one solid line depending in weight upon the importance of the feature. In most cases (unless labeled on the field inspection prints) the classification of these features had to be determined by a close examination of the photographs.

As no photographs were taken North of Latitude 29°28' between Longitude 90°53' and 91°00', this area had to be compiled from the "D" prints to Latitude 29°30', the North limit of the sheet. However it is believed that no error exists as there was no difficulty encountered in the compilation.

All boundaries of shoal water areas (shown by single broken line) on this sheet were so indicated because of appearance on the photographs, and sketches by the field inspection party, and they may be expected to have departure from actual conditions.

(D) Information from other sources.

The only information obtained from other sources than the photographs was the high water line of "Bayou Penschant" from Latitude 29°29'30" to 29°30' between Longitude 90°59' and 91°00', shown by dashed lines. This information was derived from the Triangulation Progress sketch of Lieutenant (j.g.) E. R. Mc Carthy, as no photographs covered this area.

(E) Conflicting Names.

As this area has never before been charted by the
U. S. Coast and Geodetic Survey there exists no conflict in names with previous charts. The names shown were taken from recent editions of U. S. Geological Survey Maps of this locality, from progress sketches of triangulation work performed by Lieutenant (j.g.) E. R. Mc Carthy, and from information supplied by the field inspection party. All names are in current usage by the inhabitants of that particular area. See the Review Report for T-5289 regarding use of progress sketches as a source of new names. BG Jones.

COMPARISON WITH OTHER SURVEYS:

The junctions with adjoining sheets to the South and East, T-5289 and T-5292 respectively, are satisfactory.

To the North, at Latitude 29°30', the junction with the U. S. Geological Survey air-photo compilation of the S/2 Gibson, Louisiana quadrangle sheet shows the following discrepancies:

<table>
<thead>
<tr>
<th>NAME OF FEATURE</th>
<th>AIR PHOTO SHEET</th>
<th>U.S.G.S. SHEET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bayou de Large</td>
<td>Location same on both sheets.</td>
<td></td>
</tr>
<tr>
<td>Miners Canal</td>
<td>Latitude 29°30'00&quot;</td>
<td>29°30'00&quot;</td>
</tr>
<tr>
<td></td>
<td>Longitude 90°47'-1294m</td>
<td>94°57'-1323m</td>
</tr>
<tr>
<td>Mauvais Bois Bayou</td>
<td>Latitude 29°30'00&quot;</td>
<td>29°30'00&quot;</td>
</tr>
<tr>
<td></td>
<td>Longitude 90°50'-610m</td>
<td>90°50'-561m</td>
</tr>
<tr>
<td>Bayou (small)</td>
<td>Latitude 29°30'00&quot;</td>
<td>29°30'00&quot;</td>
</tr>
<tr>
<td></td>
<td>Longitude 90°51'-179m</td>
<td>90°51'-163m</td>
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<tr>
<td>Bayou Sepasaw</td>
<td>Latitude 29°30'00&quot;</td>
<td>29°30'00&quot;</td>
</tr>
<tr>
<td></td>
<td>Longitude 90°57'-463m</td>
<td>90°57'-544m</td>
</tr>
</tbody>
</table>

To the West, at Longitude 91°00', the junction with the War Department, Corps of Engineers, Lake Decade Quadrangle sheet, issue of 1932, shows the following discrepancies:

<table>
<thead>
<tr>
<th>NAME OF FEATURE</th>
<th>AIR PHOTO SHEET</th>
<th>LAKE DECADE QUAD.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lovell Canal</td>
<td>(On Sheet T-5289)</td>
<td>29°22'-1685m</td>
</tr>
<tr>
<td></td>
<td>Latitude 29°22'-743m</td>
<td>91°00'-00&quot;</td>
</tr>
<tr>
<td>Carrion Crow Bayou</td>
<td>Latitude 29°23'-1399m</td>
<td>29°23'-448m</td>
</tr>
<tr>
<td></td>
<td>Longitude 91°00'-00&quot;</td>
<td>91°00'-00&quot;</td>
</tr>
<tr>
<td>Carrion Crow Bayou</td>
<td>Latitude 29°24'-831m</td>
<td>29°24'-1760m</td>
</tr>
<tr>
<td></td>
<td>Longitude 91°00'-00&quot;</td>
<td>91°00'-00&quot;</td>
</tr>
<tr>
<td>A small Bayou</td>
<td>Latitude 29°25'-1419m</td>
<td>Not shown</td>
</tr>
<tr>
<td></td>
<td>Longitude 91°00'-00&quot;</td>
<td></td>
</tr>
<tr>
<td>Bayou</td>
<td>Latitude 29°28'-436m</td>
<td>29°28'-530m</td>
</tr>
<tr>
<td></td>
<td>Longitude 91°00'-00&quot;</td>
<td>91°00'-00&quot;</td>
</tr>
</tbody>
</table>
The above discrepancies in the U. S. Geological Survey sheet and the Corps of Engineers sheet are no doubt caused by lack of control and errors in radial line plot.

State Highway No. 247, along the East side of Bayou de Large, is shown somewhat exaggerated in order that the shore line of Bayou de Large could be accurately shown. This was necessary because at the small scale of the photographs the two features would probably close up and appear as a solid blotch when photographed during the photo-lithographic process.

LANDMARKS.

A list of landmarks in this area has been submitted by the party of Lieutenant (j.g.) E. R. McCarthy, recently engaged in triangulation work in this area.

RECOMMENDATIONS FOR FURTHER SURVEYS.

The compilation of this sheet is believed to have a probable error of five meters in well defined detail of importance for charting and of ten meters for other data. It is understood that the widths of roads, bridges, canals, and bayous may be slightly expanded, where necessary, in order to keep the detail clear and to keep it from photographing as a solid area in the photo-lithographic process.

To the best of my knowledge this sheet is complete in all details of importance for charting purposes, within the accuracy stated above, and no additional surveys are required.

[Signature]

Approved by: M. E. Reese
Chief Of Party.
Title (Par. 56) Forwarded with sheet.

Chief of Party M. H. Reese  Compiled by F. A. Donadieu.

Project: Air Photo Compilation, Louisiana. Instructions dated Nov. 7, 1933.

Party No. 24

1. The survey and preparation for it conform to the requirements
   of the Topographic Manual. (Par. 8, and 16, a, b, c, d, e, g and i.) (Note) Par. 8 not applicable to this party.

2. The character and scope of the compilation satisfy the instruc-
   tions and the "Notes on the Compilation of Planimetric Line Maps
   from Five Lens Aerial Photographs".

3. The control and adjustment of the radial plot were adequate.
   (Par. 12, 29.)

4. There is sufficient control on maps from other sources that
   were transmitted by the field party for their application
   to the charts. (Par. 28.) None submitted.

5. High water line on marshy and mangrove coast is clear and ade-
   quate for chart compilation. (Par. 16a, 43, 44.)

6. The representation of low water lines, reefs, coral reefs and
   rocks, and legends pertaining to them is satisfactory. (Par.
   36, 37, 38, 39, 40, 41.) See Par. 6, Page 3 of Des. Report.

7. Important details shown on previous surveys and on the chart
   have been compared with this sheet and a statement has been
   entered in the report regarding the removal from the chart or
   change in position of important detail such as rocks, lights,
   beacons, prominent objects, bridges, docks, and structures
   along the water front. No changes in such details have been
   noted on this sheet. No chart of this area.

8. The span, draw and clearance of bridges are shown. (Par. 160.)
   No data given for the small bridges shown.

9. The data furnished by the Field Inspection is adequate.

NOTE: Strike out paragraphs, words or phrases not applicable and
modify those requiring it. Paragraph numbers refer to those in the
10. The descriptive report covers all details listed in the Manual, so far as they apply to this survey. (Par. 64, 65 and 66.)

11. The descriptive report also contains all additional information required in photo topography as prescribed in the instructions and in the "Notes on the Compilation of Planimetric Line Maps from Five Lens Aerial Photographs".

12. The descriptions of recoverable stations and references to shore line were accomplished on Form 524, and scaling of positions checked. (Par. 29, 30 and 57.) 

13. A list of landmarks for charts was furnished on Form 567 and scaling of positions checked. (Par. 16d, e, 60.)

14. The geographic datum of the sheet is North American 1927 and the reference station is correctly noted. (Par. 34.)

15. Junctions with contemporary surveys are adequate. See page 4 of the report.

16. Geographic names are shown on the sheet and are covered by the Descriptive Report. (Par. 64, 66k.)

17. The quality of the drafting is poor. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46.)

18. No additional surveying is recommended.

19. Remarks:

20. Examined and approved: 

M. H. Reese 
Chief of Party

21. Remarks after review in office: No other topographic surveys by this Bureau in this area. This compilation shows considerable change from the U.S. G.S. quadrangles which are old.

Reviewed in office by: B. G. Jones

Examined and approved:

K. T. Adams 
Chief, Section of Field Records

L. D. Roberts 
Chief, Division of Charts

J. C. Gordon 
Chief, Division of Hydrography and Topography.
### GEOGRAPHIC NAMES

**GEOGRAPHIC NAMES**

**Survey No.** T5288  
**Chart No.** 1116

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**Date:** Dec 29, 1934  
**Diagram No.** Harlow Bacon

Names underlined in red approved Dec 29, 1934

- Approved by the Division of Geographic Names, Department of Interior.
- Not Approved by the Division of Geographic Names, Department of Interior.
- Referred to the Division of Geographic Names, Department of Interior.

Revisions and corrections from USGS, 1935 #8

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<table>
<thead>
<tr>
<th>Status</th>
<th>Name on Survey</th>
<th>Name on Chart or other Maps</th>
<th>New Names in local use</th>
<th>Names assigned by Field</th>
<th>Location</th>
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<tr>
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<td>Theriot</td>
<td>1116, US Engrs</td>
<td>Little Bayou de Large</td>
<td>See Let. 3/18, 1934</td>
<td>✓</td>
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<td>Bayou de Large</td>
<td>* US Engrs + 1116, USGS</td>
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<td>Mormon Canal</td>
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<td>Miners Canal</td>
<td>US Engrs</td>
<td>Same</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mauvais Bois Bayou</td>
<td>US Engrs</td>
<td>Change to Bayou Mauvais Bois</td>
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<td>L. Allen 1116 L. Penchant US Engrs</td>
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<td>Jug Lake</td>
<td>US Engrs</td>
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<td>1116, US Engrs</td>
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<tr>
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<td>Refer to La. State Engrs Carricrow Bayou USGS, 1935</td>
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<td>Flagout Canal</td>
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<td>Little Carencro Bayou USGS 1935</td>
<td>US Engrs &quot;Lake Deade&quot; give Carion Crow</td>
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