DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

State: Louisiana

LOCALITY
Caminada Bay
Bayou Lafourche to Bay Des Ilettes

1934

CHIEF OF PARTY
M. H. Reese, Jr., H. & C. Engr.
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. 14

REGISTER NO.T-5301

State...Louisiana.

General locality...Caminada Bay.

Locality...Bayou Lafourche to Bay Des Ilettes.

Scale 1:24,000 Photographs 12/1/32

Date of survey 1/1/33, 19

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

Chief of party...J. H. Reese

Surveyed by...See data sheet in the descriptive report.

Inked by...J. A. Peterson

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

Contour, Approximate contour, Form line interval...Feet

Instructions dated...November 7, 1933.

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

SHEET NO. T-5501
FIELD NO. 14

PHOTOS, NO. DATE OF PHOTOGRAPHS TIME
1942-1953 12/1/32 10:57 to 11:03 A.M.
1987-1998 1/1/33 9:38 to 9:42 A.M.

BY
PROJECTION BY E. F. Hernandez
E. L. Fitch

DATE
3/23/34

PROJECTION CHECKED BY E. L. Fitch
E. L. Smith
3/23/34

CONTROL PLOTTED BY H. C. Smith
3/26/34

CONTROL CHECKED BY M. H. Reese
E. L. Smith
3/27/34

RADIAL LINE PLOT BY H. C. Smith
3/27/34

RADIAL LINE PLOT CHECKED BY J. A. Peterson
4/3/34

DRAFTING OF PHOTOGRAPHS BY J. A. Peterson
4/4 to 5/9/34

PASTING OF NAMES BY J. A. Peterson
5/2-3/34

REVIEW OF COMPILATION E. L. Fitch
5/11/34

AREA OF DETAIL INKED -- 78.5 sq. Statute Miles.

LENGTH OF SHORELINE -- (more than 100 meters from nearest opposite shore) -- 231.6 Statute Miles.
COMPILER'S REPORT

FOR

PHOTO TOPOGRAPHIC SHEET, FIELD NO. 14.

GENERAL INFORMATION:

Instructions dated November 7, 1933.

The information used in the compilation of this sheet was obtained from the reports of Lieutenant E. R. Mc Carthy and Lieutenant T. B. Reed, in charge of triangulation parties located in this area at the time of compilation; from notes and sketches made on the field photographs, by members of the field inspection party; and from members of the field inspection parties in questionable areas not noted on the field photographs.

There is practically no tide in streams and lakes appearing on the Western section of the sheet and a tide of approximately one foot in the Bays and lakes appearing on the Eastern section of the sheet. The greatest variation in water level in this area is in the winter, caused by high winds. North winds lowering the water level and south winds causing it to rise.

The variation of shore lines caused by the above mentioned changes of water level is not great enough to be noticeable at the small scale of the photographs and was therefore disregarded when tracing.

The area covered by this sheet consists of low marsh ground, bayous and lakes. The only area under cultivation is a small area along Bayou Lafourche.

This sheet was compiled from photographs taken by the U. S. Army Air Corps' five lens T-3A Camera, No. 82-3; photographs numbers 1942-1953 (West Flight) approximately parallel to Longitude 90°04'40" and 1987-1993 (East Flight) approximately parallel to Longitude 90°11'.

CONTROL:

(A) Sources.

The following sources of control were used in the compilation of this sheet:

(a) Triangulation by Lieutenant E. R. Mc Carthy in 1933-34.

(b) Triangulation by Lieutenant T. B. Reed in 1933-34.

The geographic positions obtained by the above two parties were computed on the North American 1927 Datum. These positions were used and supplemented by those of Lieutenant T. B. Reed who was engaged in combined operations work in this locality at the time of the compilation. A number of hydrographic stations, located by triangulation and marked and described by Lieutenant T. B. Reed-1934, were used as additional control in the compilation and these stations are shown by a circle, 2 millimeters in diameter. See Report at back in regard to descriptions of these stations.
Because of the recent ties with first order triangulation to the North and East of this sheet any existing error between the unadjusted and the final adjusted positions would be unplottable at the small scale of the photographs-1:24,000. Further data concerning the control in this area can be obtained from the reports of Lieutenants T. S. Reed and E. R. Mo Carthy.

(B) Errors.

The control is adequate for this sheet and the radial line plot gave good intersections. Some error may exist in minor details in the area between Longitude 90° 04' and 90° 07', and Latitude 29° 19' and 29° 22' because (B) Prints 1987-1990 and (C) Prints 1989-1995 of that area were blurred by smoke. The only way to determine position of detail was to take preceding and following prints so that details appeared as the angle increased and line of view moved below the smoked area, where the smoke was at a high altitude. The area mentioned is on compilation No.526(1934).

(C) Discrepancies.

No discrepancies in the position of control stations were found. No control stations established by other organizations were used in the compilation of this sheet.

COMPILATION:

(A) Method.

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

(B) Adjustments of Plot.

The photographs in these two flights did not have any unusual or excessive amount of tilt. The radial line plot was carefully made, and the scale of the photographs was constant which eliminates possibilities of unusual error.

(c) Interpretation.

The symbol ( ) was used to denote mangle brush three or four feet high. All other symbols used were the conventional graphic symbols as approved by the "Board of Surveys and Maps" (1932). The double full line was used to indicate large bayous and important canals. To indicate small bayous and canals of lesser importance a single solid line was used. Intermittent bayous are indicated with dash and dot lines, and indefinite bayous and small lakes are indicated with dash lines. The classification of these features had to be determined largely by close examination of the photographs, by comparison of features to features which had been labeled on the field photographs by members of the field inspection parties.
(D) Information from other sources.

There were no sources of information for this compilation, other than the photographs, reports of the field inspection parties, and reports of the chiefs of triangulation parties, as noted in a previous paragraph.

(E) Conflicting Names.

There are no conflicting names between the progress sketches sent in by Lieutenant E. R. Mc Carthy and Lieutenant T. B. Reed, and previous charts, by the U. S. Coast and Geodetic Survey, of this area.*

COMPARISON WITH OTHER SURVEYS:

The junctions with adjoining sheets to the North, East, South and West- T-5800, T-5311, T-5302, and T-5307 respectively, are satisfactory.

In comparing this sheet with U. S. Coast and Geodetic Survey Chart No. 196, it is to be noted that bayous, lakes and bays have maintained their general characteristics as to shorelines. Minor details are not shown on Chart No. 196 because of the small scale. The large difference in scale between Chart No. 196 and this sheet makes close comparison of these two sheets impossible.

LANDMARKS:

Lists of landmarks in this area were submitted by Lieutenants E. R. Mc Carthy and T. B. Reed on form 567.

RECOMMENDATIONS FOR FURTHER SURVEYS:

Except for the area noted under "Errors" the compilation of this sheet is believed to have a probable error of five meters in well defined details of importance for charting and of ten meters for other data. It is understood that channels, bayous, and roads may be slightly exaggerated, where necessary, to keep the detail clear and not photograph as a solid line.

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.

Submitted by: E. L. Fitch
Chief Draftsman.

Approved by: M. H. Reese.
Chief of Party.
REVIEW OF PHOTO TOPOGRAPHIC SURVEY NO.

Title (Par. 56) Forwarded with sheet.

Chief of Party M. H. Reese

Compiled by J. A. Peterson

ProjectLouisiana Air Photo Compilation 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 instructions 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 adequate 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. C, 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.

8. The span, draw and clearance of bridges are shown. (Par. 16c.)

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 Topographic Manual. Use reverse side for extending remarks.
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 Planometric 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.) See following page.

13. A list of landmarks for charts was furnished on Form 587 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.

16. Geographic names are shown on the sheet and are covered by the Descriptive Report. (Par. 64, 66k.) See remarks on map page. Names verified. (Par. 66.)

17. The quality of the drafting is fair. (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: [Signature] M. H. Reese
   Chief of Party

   Reviewed in office by: [Signature] J. Jones

Examined and approved:

[Signature] J. T. Adams
Chief, Section of Field Records

[Signature] L. E. White
Chief, Division of Charts

[Signature] J. B. Opressed
Chief, Section of Field Work

[Signature] W. W. Hise
Chief, Division of Hydrography and Topography.
Review of Air Photo Compilation 5301 (1934)

Control. The control was adequate for this compilation but the accuracy of location given on page 4 of the descriptive report is considered high for work on this scale (compiled on 1:24,000). A more likely value is an accuracy of location of 8 to 10 meters for points located by intersections and 10 to 20 meters for other detail. Actual values can only be determined by ground measurements.

Comparison with Other Surveys. The shoreline from this compilation was transferred to Hydrographic Survey 5491 (1934) in the field before smooth plotting. There is no conflict of any consequence between the two surveys. See the following paragraph for differences in geographic names.

No planetable control surveys have been received from T.B.Reed in this area.

This compilation has been compared with the old topographic survey 1488 (1877). Considerable change has occurred in the shapes of the islands and points. No detailed comparison is necessary. The compilation is adequate to supersede the older survey.

Names. The name Basset Baye, Latitude 29° 21', Longitude 90° 00', as shown on this compilation and on chart 196 is in accordance with chart letter 299, 1926. This Bay is shown as Round Bay on chart 197.

No other names on this compilation conflict with the chart or G.S. quadrangle Creole.

A number of new names are shown on the compilation. Attached is a copy of a letter from Lieutenant (j.g.) Reese in regard to his triangulation progress sketches as a source of names. The name was submitted to Mr. Bacon and new names retained on the compilation pending his decision.

The new name Bayou Fort Blanc as submitted by the compiler and shown also on H 5491 (1934) has been changed to Bayou Font Blanc as given on the triangulation description for station Ben 1884. The word Fort makes better sense than Font which is probably a mistake in spelling by the compiler. This change has also been made on T 5302.

The Hydrographic Survey shows the name Bayou Andre in two places, Latitude 29° 16', Longitude 90° 02', and Latitude 90° 19.5', Longitude 90° 05'. This compilation shows the name only in the southern position which agrees with chart 196.

G. Jones

The hydrographic intensions mentioned in the chart paragraph on page 2 of the report, are intensions marked with Hydrographic Marks and located by triangulation. The data for these intensions are filed as triangulation and the intensions have been changed to those as triangulation intensions on this compilation.
U. S. Coast and Geodetic Survey,
1611 Masonic Temple Bldg.,
New Orleans, Louisiana.  COPY  June 22, 1934.

To:  The Director,
U. S. Coast and Geodetic Survey,
Washington, D. C.

From:  W. H. Reese,
Lieutenant (j.g.) C. & G. Survey.

Subject: Geographic Names on Air Photo Sheets, Reference: 20-AMN,
11930 (24).

You are advised that the matter of names on the air photo sheets has
been given detailed attention. Geographic names were obtained from the progress
sketches and reports of Lieutenants Patterson, Reed and McCarthy, because they
were more familiar with the territory than I was. It was considered that these
officers were in a position to give the correct information, due to the length of
time their parties spent in the field, and to the fact that they were employing
local people who could furnish the information. The field inspection party, as
a rule, only spends two or three days in a particular locality.

Another handicap in this particular locality is that the natives them-
selves have different names for various bays, bays and lakes.

As far as the Geological Survey Maps of this section are concerned, they
are not worth the paper they are printed on. They were compiled in 1890 from
the charts of the Coast Survey and surveys of the Public Land Office. The only
recent map of this section was compiled by the U. S. Engineers in 1915 and it is
supposed to be revised up to 1934. The descriptive reports give the comparison
of the names as submitted by the various field parties, the Geological Survey
Maps, and the U. S. Engineers Map, where names were given on these maps. You will
note that a number of new names were added that did not exist on the Geological
Survey Maps. To the best of my knowledge, from the information available, these
are the names in local use.

The area covered by this party is made up of innumerable bays, bays,
and lakes. There are a number of large lakes, bays and bayous which have no
names, or at least, none in general use. The entire territory, except along a
few main bayous, is uninhabited. There are a few trapper shacks scattered over
the area, but as a rule, they are not permanent. Due to this fact, the informa-
tion secured by the field inspection is sometimes very meager.

I realize that as a rule progress sketches are not a reliable source
to obtain geographic names, but in this particular case, I think the proper
course was followed. I was in constant contact with the various Chiefs of Parties
and requested them to furnish this party with the geographic names in their lo-
cality. I also realize how important it is to secure the proper names or other-
wise considerable trouble is caused to the Chart Section.

(Sgd.) W. H. Reese

W. H. Reese.
### Geographic Names

**Survey No.**: T 5301  
**Chart No.**: 197 & 1116

---

**Date**: January 11, 1935  
**Diagram No.**: HARLOW BACON

*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.*


<table>
<thead>
<tr>
<th>Status</th>
<th>Name on Survey</th>
<th>Name on Chart or other Maps as listed</th>
<th>New Names in local use</th>
<th>Names assigned by Field</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Martigan Point</td>
<td>197, USGS</td>
<td></td>
<td>Martigan, T 146a</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bay des Ilettes</td>
<td>197, 1116, USGS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>West Champagne Bay</td>
<td>197, USGS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Daniels Cut</td>
<td>US Eng, H 5491</td>
<td>Changed Location Same</td>
<td>Same</td>
<td>29° 26'1&quot;</td>
</tr>
<tr>
<td></td>
<td>Creole Bay</td>
<td>197, USGS, US Eng</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beering Channel</td>
<td>Out H 5491, Replaced by Daniels Cut</td>
<td>Same</td>
<td>Same</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Friese Bayou</td>
<td>OK 197, US Eng</td>
<td>Orlando USGS Retain Orlando for present.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Orlando Bay</td>
<td>197, US Eng</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bayou Andre</td>
<td>197 197</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bay Tambour</td>
<td>197, USGS, US Eng</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Castine</td>
<td>Casse-Pete, H 5491, Chief State Engr of La</td>
<td>Same</td>
<td>Same</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bayou Castetter</td>
<td>197, US Eng</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hatchet Lake</td>
<td>H 5491</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Andre Lake</td>
<td>Out H 5491, Bay de l'Est, Chief State Engr of La Act 1935</td>
<td>Same</td>
<td>Same</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bay Desesperes</td>
<td>197, USGS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Caminada Bay</td>
<td>197, USGS, US Eng</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Joaquin Bay</td>
<td>Out H 5491, Fisherman Bay, Chief State Engr of La</td>
<td>Same</td>
<td>Same</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bay l'Ours</td>
<td>197, USGS, 1116</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bay Vasier</td>
<td>H 5491</td>
<td>Corrected Location Same</td>
<td>Same</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bayou Garoi</td>
<td>197</td>
<td></td>
<td>Same</td>
<td></td>
</tr>
<tr>
<td></td>
<td>S.W. Louisiana Canal</td>
<td>US Eng, H 5491</td>
<td></td>
<td>Same</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bayou Pont-Blanc</td>
<td>(3) Out H 5491, Chief State Engr of La</td>
<td>Same</td>
<td>Same</td>
<td></td>
</tr>
<tr>
<td>States</td>
<td>Name on Survey</td>
<td>Name on Chart or other Maps as listed</td>
<td>New Names in local use</td>
<td>Names assigned by Field</td>
<td>Location</td>
</tr>
<tr>
<td>--------</td>
<td>----------------</td>
<td>--------------------------------------</td>
<td>------------------------</td>
<td>-------------------------</td>
<td>----------</td>
</tr>
<tr>
<td></td>
<td>Bayou Jake</td>
<td>1273 ( H , 5491 )</td>
<td>Same</td>
<td>Same</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bay Jake</td>
<td>1273 ( H , 5491 )</td>
<td>&quot;</td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mink Bayou</td>
<td>1273 ( H , 5491 )</td>
<td>&quot;</td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bayou Rambo</td>
<td>( H , 5491 ) See corrected location</td>
<td>&quot;</td>
<td>&quot;</td>
<td>29° 22.3</td>
</tr>
<tr>
<td></td>
<td>Round Lake</td>
<td>1273 ( H , 5491 )</td>
<td>&quot;</td>
<td>&quot;</td>
<td>90° 100</td>
</tr>
<tr>
<td></td>
<td>Bayou Fourche</td>
<td>197 ( H , 1116 ), USGS, USEng.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grand Bayou Blue</td>
<td>US Eng.</td>
<td>Grand Bayou, USGS, La., 1871</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bayou Blue</td>
<td>USGS, 1935</td>
<td>Map of La., 1872; Bayou L'Equil Blue, 1116</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Basse Basse Bay</td>
<td>1273 ( H , 497 )</td>
<td>Round Lake, T. 1468 &quot;Basse = branch for shallow&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Point des Ilettes</td>
<td>1273 ( H , 197 )</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Palmitto Bayou</td>
<td>( H , 5491 ) USGS and Chief State Engr. of La. met Bayou Rambo</td>
<td>29° 21.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>&quot;Oaks Bay&quot;</td>
<td>( H , 5491 ) Chief State Engr. of La.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bayou L'Ourse</td>
<td>( H , 1935 ), Chief State Engr. of La. 1935</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Andre Island</td>
<td>( H , 5491 ) &quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Raccoon Lake</td>
<td>( H , 5491 ) &quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Raccoon Bayou</td>
<td>( H , 5491 ) &quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Snake Bayou</td>
<td>( H , 5491 ) USGS, 1935</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lake Pierre</td>
<td>( H , 5491 ) &quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bay Lizette</td>
<td>( H , 5491 ) &quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>South Lake</td>
<td>( H , 5491 ) &quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lake Jesse</td>
<td>( H , 5491 ) &quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bay Diego</td>
<td>( H , 5491 ) &quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bayou Pierre et Lee</td>
<td>( H , 5491 ) &quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>