# Descriptive Report

**Type of Survey:** Planimetric

**Field No.:** Ph-170  **Office No.:** T-10504

**Locality:** Simmesport

**State:** Louisiana

**General locality:** Atchafalaya River

**Chief of Party:**
- Ira R. Rubottom, Chief of Field Party
- Arthur L. Wardwell, Tampa District Officer

---

**Library & Archives**

**Date:**

---

*Form 504*

U. S. Department of Commerce

Coast and Geodetic Survey
DESCRIPTIVE REPORT - DATA RECORD

Project No. (II): Ph-170

Quadrangle Name (IV): 

Field Office (II): Opelousas, Louisiana

Chief of Party: Ira R. Rubottom

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: Arthur L. Wardwell

Instructions dated (II) (III): (II) 4 December 1956
Supplement 1 (field) 15 Jan. 1957
Supplement 2 14 March 1957
Office 21 June 1957
Amend. (Office) 2 April 1959

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): 

Publication Scale (IV): 

Publication date (IV): 

Geographic Datum (III): N. A. 1927

Vertical Datum (III): MHW

Mean-sea-level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (8) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): A 3697 (IGS)

Lat: 30°55'14.521" (44.7 2 m.)

Long: 91°48'14.323" (1150.3 m.)

Adjusted

Plane Coordinates (IV):

Y:

Zone:

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)
Inapplicable
Field inspection by (II): John R. Smith  
Date: Sept. 1957

Planetable contouring by (II): Inapplicable

Completion Surveys by (II): Inapplicable

Mean High Water Location (III) (State date and method of location): Air Photo Compilation
Date of photography: 15 Oct. 1956

Projection and Grids ruled by (IV): J. C. Haskins (W.O.)  
Date: Oct. 1957

Projection and Grids checked by (IV): I. Y. Fitzgerald (W.O.)  
Date: Nov. 1957

Control plotted by (III): Portland Office

Control checked by (III): Portland Office

Radial Plot of by (III): Portland Office

Stereoscopic Instrument compilation (III): Planimetry
Contours: Inapplicable

Manuscript delineated by (III): Rudolph Dossett  
Date: Aug. 1959

of map compilation

Photogrammetric Office Review by (III): R. R. Wagner  
Date: Nov. 1959

Elevations on Manuscript checked by (II): Inapplicable

Date:
DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): USC&GS Nine-lens

<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>54961</td>
<td>15 Oct. 1956</td>
<td>1411</td>
<td>1:20,000</td>
<td>N</td>
</tr>
<tr>
<td>54962</td>
<td></td>
<td>1412</td>
<td></td>
<td>o</td>
</tr>
<tr>
<td>54974</td>
<td></td>
<td>1427</td>
<td></td>
<td>T</td>
</tr>
<tr>
<td>54975</td>
<td></td>
<td>1428</td>
<td></td>
<td>i</td>
</tr>
<tr>
<td>54976</td>
<td></td>
<td>1429</td>
<td></td>
<td>d</td>
</tr>
</tbody>
</table>

Tide (III): No tide

Reference Station:
Subordinate Station:
Subordinate Station:

Washington Office Review by (IV):

Final Drafting by NOS: R. Dossett, Tampa District Office
" reviewed by: W. H. Shearouse, Tampa District Office
Drafting verified for reproduction by (IV):

Land Area (Sq. Statute Miles) (III): 57
Shoreline (More than 200 meters to opposite shore) (III): 42
Shoreline (less than 200 meters to opposite shore) (III): N/A
Control Leveling - Miles (II): Inapplicable
Number of Triangulation Stations searched for (II): 4
Number of BMs searched for (II): None
Number of Recoverable Photo Stations established (III): 1 (TANK 1957)
Number of Temporary Photo Hydro Stations established (III): None

Remarks:
* No Form 524 executed
FIELD INSPECTION REPORT
PROJECT 170
MAP T-10504

Please refer to the Field Inspection Report for Map T-10502 for all data pertaining to this map.

Submitted:

John R. Smith
Cartographic Survey Aid

Approved:

Ira R. Rubottom
Chief of Party
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR $\nu$-COORDINATE</th>
<th>LONGITUDE OR $\lambda$-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>CORRECTION</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLAUCHE, 1941</td>
<td>GP P. 93</td>
<td>NA 1927</td>
<td>30 58</td>
<td>26,473</td>
<td>√</td>
<td>30 796</td>
<td>815.3 (1032.5)</td>
<td>1 586 (1847.1)</td>
</tr>
<tr>
<td>D. Ho</td>
<td></td>
<td></td>
<td>91 56</td>
<td>17,908</td>
<td>√</td>
<td>26 587</td>
<td>795.6 (1146.6)</td>
<td>1 585 (1847.2)</td>
</tr>
<tr>
<td>Sub Sta.</td>
<td></td>
<td></td>
<td>30 58</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>91 56</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A 3697 (LG5)</td>
<td>Odendorf Quad Y P. 19</td>
<td></td>
<td>30 55</td>
<td>14,521</td>
<td>√</td>
<td>30 796</td>
<td>447.2 (1400.4)</td>
<td>√</td>
</tr>
<tr>
<td>D. Ho</td>
<td></td>
<td></td>
<td>91 48</td>
<td>4,323</td>
<td></td>
<td>26 582</td>
<td>1150.3 (1428.4)</td>
<td>1 593 (1592)</td>
</tr>
<tr>
<td>Sub Sta.</td>
<td></td>
<td></td>
<td>30 55</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>91 48</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A 4585 (LG5)</td>
<td>Odendorf Quad Y P. 30</td>
<td></td>
<td>30 53</td>
<td>56.951</td>
<td>√</td>
<td>30 795</td>
<td>1752.8 (93.9)</td>
<td>√</td>
</tr>
<tr>
<td>D. Ho</td>
<td></td>
<td></td>
<td>91 56</td>
<td>20.752</td>
<td></td>
<td>26 587</td>
<td>551.1 (1042.3)</td>
<td>1 593 (1592)</td>
</tr>
<tr>
<td>Sub Sta.</td>
<td></td>
<td></td>
<td>30 53</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>91 56</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PBM Gabriel (USE) 1930</td>
<td>Odendorf Quad Y P. 48</td>
<td></td>
<td>30 59</td>
<td>17.412</td>
<td></td>
<td>30 796</td>
<td>229.3 (1618.4)</td>
<td>√</td>
</tr>
<tr>
<td>D. Ho</td>
<td></td>
<td></td>
<td>91 48</td>
<td>19.970</td>
<td></td>
<td>26 584.1</td>
<td>529.3 (1042.4)</td>
<td>1 593 (1592)</td>
</tr>
<tr>
<td>Sub Sta.</td>
<td></td>
<td></td>
<td>30 59</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>91 48</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 FT. = 0.3048006 METER
COMPUTED BY: 9/14 DATE: 9/9/57 CHECKED BY: 9/18 DATE: 9/17/58
COMPILATION REPORT T-10504

PHOTOGRAHMETRIC PLOT REPORT

Submitted by Portland Office. Desc. Report T10527

31. DELINEATION

Compiled by graphic method.

The photographs were clear and of reasonably good scale. Some tilt was present in all photographs.

Due to dense woodland coverage some streams were untraceable in their entirety. Because some of these have geographic names, they were sketched under the stereoscope and the label PDU (Probable Drainage Unsurveyed) applied to their approximate position.

Field inspection was adequate.

32. CONTROL

See Photogrammetric Plot Report submitted by the Portland Photogrammetric Office.

Sub. Pt. GABRIEL, USE, failed to hold on the photogrammetric plot by 6.7 mm. (13¼ meters)1 The substitute station is only 57.76 meters and when station GABRIEL is plotted the details failed to match the published description. It has therefore been left off this map.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage, where identifiable, has been delineated as shown on the photographs. For more information on drainage see Item 5 of field inspection report submitted with T-10502.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline has been delineated as shown on the photographs and according to field inspection notes. See item 7 submitted with T-10502.
36. **OFFSHORE DETAILS**

None.

37. **LANDMARKS AND AIDS**

One landmark for nautical charts is being submitted on Form 567.

There are no nonfloating aids.

38. **CONTROL FOR FUTURE SURVEYS**

None.

39. **JUNCTIONS**

Satisfactory junctions have been made with T-10502 on the north, T-10506 on the south and T-10505 on the east. There is no contemporary survey on the west. This map manuscript represents the northeast portion of the U. S. Corps of Engineers 15-minute quadrangle ODENBURG, LA., and the junction appears to be satisfactory.

40. **HORIZONTAL AND VERTICAL ACCURACY**

No statement.

46. **COMPARISON WITH EXISTING MAPS**

A comparison has been made with U. S. Corps of Engineers quadrangle ODENBURG, LA., scale 1:62,500, edition of 1955, from aerial photographs of April 1948 and October-December 1952. No outstanding discrepancies were noted.

47. **COMPARISON WITH NAUTICAL CHARTS**

No chart available.
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Rudolph Dossett
Carto Photo Aid

APPROVED AND FORWARDED

William A. Rasure
for Arthur L. Wardwell
Tampa District Officer
49. NOTES FOR THE HYDROGRAPHER

None.
PHOTOGRAMMETRIC OFFICE REVIEW OF ADVANCE MANUSCRIPT
T. 10504

      Unclassified

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

ALONGSHORE AREAS
(Nautical Chart Data)
12. Shoreline WHS 13. Low-water line XX 14. Rocks, shoals, etc. XX 15. Bridges WHS
16. Aids to navigation WHS 17. Landmarks XX 18. Other alongshore physical features WHS 19. Other along-
   shore cultural features WHS

PHYSICAL FEATURES
    features WHS

CULTURAL FEATURES

BOUNDARIES
31. Boundary lines WHS 32. Public land lines XX

MISCELLANEOUS
33. Geographic names WHS 34. Junctions WHS 35. Legibility of the manuscript WHS 36. Discrepancy
   overlay XX 37. Descriptive Report WHS 38. Field inspection photographs WHS 39. Forms WHS
40. William H. Shearouse
    (Reviewer
    (Supervisor, Review Section or Unit

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:

COM-DC 34529
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by

- **Louisiana**

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>DATUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>TANK</td>
<td>Steel</td>
<td></td>
<td>30° 59'</td>
<td>92° 16'</td>
<td>1927</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>232</td>
<td>772</td>
<td>1957</td>
</tr>
</tbody>
</table>

*Date of month not available*

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if reetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.
48. Geographic Names:

Atchafalaya River
Bayou Gason
Bayou Coteau
Bayou des Glaises
Bayou Fisher
Bayou Moreau
Bayou Thornton
Brushy Bayou
Deer Range Landing
Deer Range Plantation
Glynville
Harlands Bayou
Horse Bayou
Jacoby
Jacoby Landing
Kirk Wood Landing
Kuhlmann Bayou

Legonier
Lower Deer Range Landing
Marine Bayou
McCrea Landing
Odenburg
Simmesport
Turners Bayou Canal
Wayside
West Atchafalaya Floodway
Williams Landing
Wilson Bayou
Yellow Bayou

Geographic Names Section
29 November 1962
REVIEW REPORT
OF PLANIMETRIC MANUSCRIPTS
T-10502 thru T-10509
February 1963.

61. General Statement

These are eight (8) of thirty-one (31) planimetric maps of Project PH-170 Atchafalaya River, La. These maps were prepared as bases for Nautical Charts and future Hydrographic Surveys.

62. Comparison with Registered Topographic Surveys
None

63. Comparison with Maps of other Agencies

<table>
<thead>
<tr>
<th>Location, La.</th>
<th>Scale (1:62,500)</th>
<th>Control</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voorhies</td>
<td></td>
<td>CeFS</td>
<td>1941</td>
</tr>
<tr>
<td>Atchafalaya</td>
<td></td>
<td>CeFS</td>
<td>1955</td>
</tr>
<tr>
<td>Odenburg</td>
<td></td>
<td>CeFS</td>
<td>1955</td>
</tr>
<tr>
<td>Batchelor</td>
<td></td>
<td>CeFS</td>
<td>1955</td>
</tr>
<tr>
<td>Palmetto</td>
<td></td>
<td>CeFS</td>
<td>1959</td>
</tr>
<tr>
<td>Fordeche</td>
<td></td>
<td>CeFS</td>
<td>1959</td>
</tr>
</tbody>
</table>

See Item 46

64. Comparison with Contemporary Hydrographic Surveys

There are no contemporary Hydrographic surveys within the limits of these manuscripts.

65. Comparison with Nautical Charts
None

66. Adequacy of Results and Future Surveys

These maps were prepared for bases for Nautical Charts and future Hydrographic Surveys and are within the required accuracy.

Reviewed by:

[Signature]

L. L. Lande

Approved by:

[Signature]

Chief, Cartographic Branch

[Signature]

Chief, Nautical Charts Division

[Signature]

Chief, Photogrammetry Division

[Signature]

Chief, Operations Division
A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.  
1. Letter all information.  
2. In “Remarks” column cross out words that do not apply.  
3. Give reasons for deviations, if any, from recommendations made under “Comparison with Charts” in the Review.

<table>
<thead>
<tr>
<th>CHART</th>
<th>DATE</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Full Part Before After Verification Review Inspection Signed Via</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Drawing No.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Full Part Before After Verification Review Inspection Signed Via</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Drawing No.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Full Part Before After Verification Review Inspection Signed Via</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Drawing No.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Full Part Before After Verification Review Inspection Signed Via</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Drawing No.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Full Part Before After Verification Review Inspection Signed Via</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Drawing No.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Full Part Before After Verification Review Inspection Signed Via</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Drawing No.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Full Part Before After Verification Review Inspection Signed Via</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Drawing No.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Full Part Before After Verification Review Inspection Signed Via</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Drawing No.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Full Part Before After Verification Review Inspection Signed Via</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Drawing No.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Full Part Before After Verification Review Inspection Signed Via</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Drawing No.</td>
</tr>
</tbody>
</table>