**Form 504**

**U. S. DEPARTMENT OF COMMERCE**

**COAST AND GEODETIC SURVEY**

**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>TRANSMETRIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No.</td>
<td>Ph-170</td>
</tr>
<tr>
<td>Office No.</td>
<td>T-10509</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LOCALITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
</tr>
<tr>
<td>General locality</td>
</tr>
<tr>
<td>Locality</td>
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</table>

| 1956-57 |

<table>
<thead>
<tr>
<th>CHIEF OF PARTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ira R. Rubottom Chief of Field Party</td>
</tr>
<tr>
<td>Arthur L. Wardwell Tampa District Office</td>
</tr>
</tbody>
</table>

**LIBRARY & ARCHIVES**

**DATE**
DESCRIPTIVE REPORT - DATA RECORD

T = 10509

Project No. (II): Ph-170

Field Office (II): Opelousas, Louisiana

Photogrammetric Office (III): Tampa, Fla.

Instructions dated (II) (III): Field: 1 December 1956
Supplement 1 (Field): 15 January 1957
Supplement 2 (Field): 14 March 1957
Amendment (Office): 21 June 1957

Chief of Party: Ira R. Rubottom

Office: 21 June 1957

Chief of Party: Ira R. Rubottom

Officer-in-Charge: A. L. Wardwell

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): 3/24/50

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

Elevations shown as (H) 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): FORDOCHIE 1935

Lat.: 30°39'34.667" (1067.5H)
Long.: 91°38'36.126" (961.5H)

Plane Coordinates (IV):

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)

Inapplicable
Field Inspection by (II): Leo F. Beugnet  
               Eugene F. Johnston  
               Date: July 1957

Planetary 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. B. Phillips  
               Date: 8/15/57

Projection and Grids checked by (IV):  
               Date: 8/15/57

Control plotted by (III): Portland Office  
               Date: 8/7/58

Control checked by (III): Portland Office

Radial Plot or Stereoscopic Control extension by (III): Portland Office

Stereoscopic Instrument compilation (III): Inapplicable

Manuscript delineated by (III): R. Dossett  
               Date: June 1959

Photogrammetric Office Review by (III): W. H. Shearouse  
               Date: June 1959

Elevations on Manuscript checked by (II) (III): Inapplicable

                       --------------------------
DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): USCGS Nine lens

<table>
<thead>
<tr>
<th>Number</th>
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<th>Scale</th>
<th>Stage of Tide</th>
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<td>1:20,000</td>
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<td>12:51</td>
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<td>514898</td>
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<td>12:52</td>
<td>#</td>
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<td>#</td>
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<td>#</td>
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<td>13:39</td>
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Tide (III)

Reference Station: Inapplicable

Subordinate Station: Inapplicable

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 59

Shoreline (More than 200 meters to opposite shore) (III): 50

Control Leveling - Miles (II): Inapplicable

Number of Triangulation Stations searched for (II): 12

Recovered: 7

Identified: 4

Number of BMs searched for (II):

Recovered: —

Identified: —

Number of Recoverable Photo Stations established (III): 2

Number of Temporary Photo Hydro Stations established (III): Inapplicable

Remarks: * Eight of these fall east of project limits; one east of project was identified for radial plot.

** These are skeleton steel towers for which no Form 524 was made.
FIELD INSPECTION REPORT
PROJECT 170
MAP T-10509

Please refer to the Field Inspection Report for Map T-10509 for all data pertaining to this map.

Submitted:
Leo F. Beugnet
Cartographer

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 y-COORDINATE</th>
<th>LONGITUDE OR x-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET OR PROJECTION LINE IN METERS</th>
<th>METERS PER MINUTE</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>DISTANCE PER MINUTE FROM GRID OR PROJECTION LINE IN METERS</th>
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<td>96.1.8 (625.6) 159.7.4</td>
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<tr>
<td>Ditto</td>
<td></td>
<td>1927</td>
<td>30 39</td>
<td>30 39</td>
<td>30 734 97.5 (572.2) 184.7.7</td>
<td>26 623</td>
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<tr>
<td>Sub Pt</td>
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<td></td>
<td>91 35</td>
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<td>26 609 103.6 (642.5) 159.7.4</td>
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<td>1936</td>
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<td>30 794 88.8 (599.2) 184.7.7</td>
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<td>91 34 42.562</td>
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1 FT = 0.3048006 METER

COMPUTED BY: E.T.J. DATE: 4-29-58 CHECKED BY: DATE: 5-1-58
<table>
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<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>LATITUDE OR $\phi$-COORDINATE</th>
<th>LONGITUDE OR $\lambda$-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR Projection LINE IN Meters</th>
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<tr>
<td>Survey Mark: U.S. Engrs-Dept. New Orleans River Dist. 1930</td>
<td>G.P. Page</td>
<td>30° 43' 00.681</td>
<td>91° 33' 42.732</td>
<td>30795 210 (1826.7)</td>
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<td>New Roads W. Base</td>
<td>I. S. 1927</td>
<td>30° 43' 24.135</td>
<td>91° 35' 02.961</td>
<td>25608 1137 0 (459.5)</td>
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<td>&quot;D&quot; 1930</td>
<td>G.P. Page</td>
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<td>91° 35' 02.961</td>
<td>30795 743 2 (104.5)</td>
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<td>U.S. For. Doche Gnd</td>
<td>30° 44' 23.333</td>
<td>91° 44' 53.492</td>
<td>26606 719 3 (129.2)</td>
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<td>B.M. Plauche 1958</td>
<td>?</td>
<td>30° 44' 16.557</td>
<td>91° 35' 38.759</td>
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</tbody>
</table>

Scale of Map 1:20,000

Distance per minute:

[[Image of the page]]
PHOTOMETRIC PLOT REPORT

Submitted by Portland Office. See Dec Report T10527

31. DELINEATION

Compiled by graphic method.

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

See Item 34 for information concerning drainage not discernible on the photographs and not field inspected.

Field inspection was otherwise adequate.

32. CONTROL

See Photogrammetry Plot Report.

33. SUPPLEMENTAL DATA

None used.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage has been taken from the field inspectors notes and as evident on the photographs. Some streams and bayous with geographic names had gaps without inspection that could not be discerned on the photographs. To maintain the continuity for geographic name purposes these gaps are shown with "SDH" (Probable Drainage Unsurveyed)

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline has been delineated as shown on the photographs and according to field inspection notes which were adequate. See Item 7 of the Field Inspection Report, bound with the Report for T-10508.

36. OFFSHORE DETAILS

None.
37. **LANDMARKS AND AIDS**

Three landmarks for Nautical Charts and two for Aeronautical Charts are being submitted on Form 567.

There are no fixed Navigational Aids.

38. **CONTROL FOR FUTURE SURVEYS**

None.

39. **JUNCTIONS**

A satisfactory junction has been secured with T-10508 on the west, T-10507 on the north and T-10511 on the south. This map falls in the northeast quarter of Corps of Engineers quadrangle FORDOCH, scale 1:62,500, edition of 1955. The junction appears satisfactory. No later survey exists on the east.

40. **HORIZONTAL AND VERTICAL ACCURACY**

No statement.

41. **PARISH BOUNDARIES AND NAMES**

Not shown in accordance with Reference letter dated 2 April 1959-Amendment to instructions - parish Boundaries, project rh-170, Atchafalaya River, La.

46. **COMPARISON WITH EXISTING MAPS**

A comparison has been made with U. S. Corps of Engineers, topographic quadrangle "FORDOCH LA." scale 1:62500, edition of 1955, from aerial photographs of 1945 = 1952. No outstanding discrepancies were noted.
17. COMPARISON WITH NAUTICAL CHARTS

None.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

APPROVED AND FORWARD:

Rudolph Dossett
Carto Photo Aid

Arthur L. Wardwell
Tampa District Officer
19. **NOTES FOR THE HYDROGRAPHER**

None.
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 Rudolph Dossett.

<table>
<thead>
<tr>
<th>STATE</th>
<th>LOUISIANA</th>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>METHOD OF LOCATION</th>
<th>DATE OF LOCATION</th>
<th>CHARTS AFFECTED</th>
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<tr>
<td>TOWER</td>
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<td></td>
<td></td>
<td>30 h2</td>
<td>29.10</td>
<td>91 lb3</td>
<td>1954</td>
<td>Beaumont Sectional</td>
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<td></td>
<td></td>
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<td>5960</td>
<td>91 lb4</td>
<td>1950</td>
<td>Beaumont Sectional</td>
</tr>
</tbody>
</table>

* Taken from field inspection as shown on field photograph. Day 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 redetermined, 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.
U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Tampa District Office 3 March 1960

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 R. Dosselt

Arthur L. Cardwell
Chief of Party

<table>
<thead>
<tr>
<th>STATE</th>
<th>LOUISIANA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>TOWER</td>
<td>steel hte 233(272) Above NEL</td>
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<tr>
<td>TOWER</td>
<td>steel hte 233(272) Above NEL</td>
</tr>
<tr>
<td>TANK</td>
<td>NELVILLE MUNICIPAL TANK 1935 steel hte 133(163) NEL</td>
</tr>
</tbody>
</table>

* Taken from date of field inspection as shown on field photograph. Day 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 redetermined, 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.
PHOTOGRAMMETRIC OFFICE REVIEW

1. Projection and grids
2. Title
3. Manuscript numbers
4. Manuscript size

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
9. Plotting of sextant fixes
10. Photogrammetric plot report
11. Detail points

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

PHYSICAL FEATURES
20. Water features
21. Natural ground cover
22. Planetary contours
23. Stereoscopic instrument contours
24. Contours in general
25. Spot elevations
26. Other physical features

CULTURAL FEATURES
27. Roads
28. Buildings
29. Railroads
30. Other cultural features

BOUNDARIES
31. Boundary lines
32. Public land lines

MISCELLANEOUS
33. Geographic names
34. Junctions
35. Legibility of the manuscript
36. Discrepancy overlay
37. Descriptive Report
38. Field inspection photographs
39. Forms

40. William H. Shearouse
   Milton M. Slavney

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:
Geographic Names:

Argyle Plantation
Atchafalaya River
Bayou Bollshack
Bayou Black
Bayou Cross Vine
Bayou Fordoche
Bayou Gerance
Bayou Latenache
Bayou Latenache Drainage Canal
Bayou Pays Bas
Bayou Sherman
Bayou Tommy
Bonnie Bayou
Cowhead Bayou
Cross Bayou
Flat Bayou
Johnson Bayou
Melville
Melville Crerasse
Morris Bayou
Mussel Bayou
Parader Bayou
Prentiss Bayou
Red Cross

Geographic Names Section
29 November 1962
REVIEWS REPORT
OF PLANIMETRIC MANUSCRIPTS
T-10502 thru T-10509

February 1963

61a. General Statement

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

62. Comparison with Registered Topographic Surveys

None

63. Comparison with Maps of other Agencies

- Voorhies, La. 1:62,500 CofE 1941
- Artois, La. 1:62,500 CofE 1955
- Odenburg, La. 1:62,500 CofE 1955
- Batchelor, La. 1:62,500 CofE 1955
- Palmetto, La. 1:62,500 CofE 1959
- Fordoche, La. 1:62,500 CofE 1959
- 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 ac-
curacy.

Reviewed by:

L. C. Lande

Approved by:

Chief, Cartographic Branch

Chief, Nautical Charts Division

Chief, Photogrammetry Division

Chief, Operations Division
INSTRUCTIONS
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>
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