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<td>Office No.</td>
<td>T-19517</td>
</tr>
<tr>
<td>Type of Survey</td>
<td>Planimetric</td>
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**LOCALITY**

- **State**: Louisiana
- **General locality**: Atchafalaya River
- **Locality**: Upper Grand River

**1956-57**

**CHIEF OF PARTY**

I.R. Rubottom, Chief of Field Party
A.L. Wardwell, Tampa Photo. Off.

**LIBRARY & ARCHIVES**

**DATE**: May 1963
DESCRIPTIVE REPORT - DATA RECORD

T = 10517

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) - FIELD - 4 Dec. 1956
Supplement 1 = 15 Jan. 1957
2 = 14 Mar. 1957
OFFICE 21 June 1957
Amendment = 2 Apr. 1959

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): MAY 17 1959

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): MHHW

Mean sea-level except as follows:
Elevations shown as (2) refer to mean high water
Elevations shown as (g) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): PEM MONK USE 1933

Lat.: 30°16'43.913" (1352.2 m.) Long.: 91°35'43.615" (1165.7 m.)

Adjusted

Plane Coordinates (IV):

State: Zone:

Y =

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
Date: June-July 1957

Planetary contouring by (II): Inapplicable
Date:

Completion Surveys by (II): Inapplicable
Date:

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: 27 June 1957

Projection and Grids checked by (IV): J. B. Phillips
Date: 27 June 1957

Control plotted by (III): Portland Office
Date: 18 Mar. 1958

Control checked by (III): Portland Office
Date: 19 Mar. 1958

Radial Plot of....

Portland Office
Date:

Stereoscopic Instrument compilation (III):

Inapplicable

Portland Office
Date:

Manuscript delineated by (III): R. Dossett
Date: Jan. 1960

Photogrammetric Office Review by (III): I. I. Saperstein
Date: Feb. 1960

Elevations on Manuscript checked by (II) (III): Inapplicable
Date:
### PHOTOGRAPHS (III)

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<td>1:20,000</td>
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<td>1207</td>
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<td>&quot;</td>
<td>1208</td>
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### No tide

Reference Station: 
Subordinate Station: 
Subordinate Station: 

Washington Office Review by (IV): 


Drafting verified for reproduction by (IV): 

Proof Edit by (IV): 

**Land Area (Sq. Statute Miles) (III):** 60 
Shoreline (More than 200 meters to opposite shore) (III): 12 
Shoreline (Less than 200 meters to opposite shore) (III): 
Control Leveling - Miles (II): Inapplicable 
Number of Triangulation Stations searched for (II): 8 
Recovered: 3 
Identified: 3 
Number of BMs searched for (II): 
Recovered: - 
Identified: - 
Number of Recoverable Photo Stations established (III): 0 
Number of Temporary Photo Hydro Stations established (III): 0 

Remarks:
FIELD INSPECTION REPORT
PROJECT 170
MAP T-10517

Please refer to the Field Inspection Report for Map T-10512 for all data pertaining to this map.

Submitted:
Leo F. Beugnet
Leo F. Beugnet
Cartographer

Approved:
Ira R. Rubottom
Ira R. Rubottom
Chief of Party
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<th>LATITUDE OR y-COORDINATE</th>
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<td>117.3 (429.9)</td>
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1 FT = 304.8006 METER

COMPUTED BY: E.T.J.       DATE: 3/18/58
CHECKED BY: J.K.       DATE: 3/18/58
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<th>LONGITUDE OR x-COORDINATE</th>
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PHOTOGRAMMETRIC PLOT REPORT

Submitted by Portland Office  Desc. Report T10527

31. DELINEATION

Compiled by graphic method.

The photographs were clear and of reasonable good scale. Some tilt was noticed in every photograph. Field inspection was adequate.

32. CONTROL

Although no Form 526 was originally submitted for Corps of Engineers traverse station B M SCOTT, the station has been shown on the ADVANCE MANUSCRIPT. Investigation in this office led us to believe that the SUB. STA. labeled S P SHAVER, which did not hold on the plot, should have been labeled S P SCOTT. See enclosed correspondence pertaining to this subject, and the Photogrammetric Plot Report submitted by the Portland Office.

33. SUPPLEMENTAL DATA

None used.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage has been delineated as shown on the photographs. See Item 5 of Field Inspection Report, enclosed with T-10512, for more information relative to drainage.

Attention is called to the intermittent streams extending from the north part of the map manuscript southward. The field inspector referred to these streams as "silted stream beds". It was felt that they are of sufficient topographic importance to be shown. Consequently they have been shown as intermittent. It is noted that most of them end before joining the main drainage system.

35. SHORELINE AND ALONGSHORE DETAILS

The larger streams all are fast shoreline and have so been delineated. All alongshore details have been delineated according to field inspection notes, which were adequate.

36. OFFSHORE DETAILS

None.
37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

A satisfactory junction has been secured with T-10516 on the west and T-10514 on the north. T-10519 on the south will be compiled in the Portland Office.

The GROSSE TETE quadrangle to the east was not available in this office for a junction check. However, T-10517 and the OSCA BAYOU quadrangle (See Item 46) are in good agreement and it is probable that the GROSSE TETE and OSCA BAYOU quadrangles junction.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

41. PARISH BOUNDARIES AND NAMES

Not shown - reference letter, dated 2 April 1959, Amendment to Instructions, Parish Boundaries, Project Ph-170, Atchafalaya River, La.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U. S. Corps of Engineers topographic quadrangle OSCE BAYOU, LA., scale 1:62,500, edition of 1955. No outstanding discrepancies were noted. There are no planimetric maps available for comparison.

A 1959 edition of the C. of E. quadrangle OSCE BAYOU 1:62,500 scale, has been received and compared. A visual comparison reveals no outstanding discrepancies.
47. **COMPARISON WITH NAUTICAL CHARTS**

No charts available.

**ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY**

None.

**ITEMS TO BE CARRIED FORWARD**

None.

[Signature]

Rudolph Dossett
Carto Photo Aid

**APPROVED AND FORWARDED**

[Signature]

Arthur L. Wardwell
Arthur L. Wardwell
Tampa District Officer
48. GEOGRAPHIC NAME LIST

ALLIGATOR LAKE
ATCHAFALAYA BASIN FLOODWAY
ATCHAFALAYA BASIN MAIN CHANNEL

BAYOU BOUILLON
BAYOU BROWN
BAYOU DES GLAISES
BAYOU DES GLAISES OIL FIELD
BAYOU HENRY
BAYOU LA RAMPE
BAYOU MAGNOLIA
BAYOU MARINGOUIN
BAYOU SIRIUS
BILLY LITTLE LAKE
BRISTOW BAYOU

COW BAYOU
COW ISLAND
COW ISLAND CUTOFF

EAST FORK BAYOU DES GLAISES

JIM LAKE
JOHNSON LAKE

KING DITCH

LITTLE ATCHAFALAYA RIVER
LOUISIANA

OLD CHANNEL

PATS THROAT

RYCADE
RYCADE OIL FIELD

STANDARD CANAL
STRAIGHT BAYOU

UPPER GRAND RIVER

WERNER LAKE
WHISKEY BAY PILOT CHANNEL EXTENSION
NOTES FOR THE HYDROGRAPHER

None.
50. PHOTOGRAMMETRIC OFFICE REVIEW


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. Reviewer: Irving I. Saperstein

Supervisor: 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:
48. Geographic Names:

Atchafalaya Basin Floodway
Atchafalaya Basin Main Canal
Atchafalaya River
Bayou Berard/Drainage Canal
Bayou des Glaises
Bayou des Ourses
Bayou La Rose
Bayou Mal Bœuf
Bayou Sirius
Butte La Rose
Butte La Rose Cutoff
Butte La Rose Bay
Cow Island
Cow Island Lake
Little Atchafalaya River
Little Bayou des Ourses
Opelousas Bay
Warner Lake
Whiskey Bay Pilot Channel
Upper Grand River

Alligator Lake
Atchafalaya Basin Floodway
Atchafalaya Basin Main Channel
Bayou Bouillon
Bayou Brown
Bayou des Glaises
Bayou Henry
Bayou La Rompe
Bayou Magnolia
Bayou Maringouin
Bayou Sirius
Billy Littles Lake
Bristow Bayou
Cow Bayou
Cow Island
Cow Island Cutoff
Cow Island Lake
East Fork Bayou des Glaises
Johnson Lake
King Ditch
Little Atchafalaya River
Old Channel
Pats Throat
Standard Canal
Straight Bayou
Upper Grand River
Whiskey Bay Pilot Channel Extension
61. General Statement

These are seven (7) 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

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<th>Year</th>
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<td>U.S.G.S.</td>
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<td>Maringouin, La.</td>
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<td>O of E</td>
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<td>Palmetto, La.</td>
<td>1:62,500</td>
<td>O of E</td>
<td>1959</td>
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</table>

The above maps are in close agreement and no differences of importance exist.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

None

66. Accuracy of Results and Future Surveys

These maps were prepared as bases for Nautical Charts and are within the standards of map accuracy.

Reviewed by:

[Signature]

L. C. Lande

Approved by:

[Signature]

Charles Snover
Chief, Cartographic Br.

[Signature]

Chief, Nautical Chart Division

[Signature]

Chief, Photogrammetry Division

[Signature]

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.

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<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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