

# 10511

Original

Diag. Cht. No. 1.

<p>Form 504 U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY</p> <h2>DESCRIPTIVE REPORT</h2>	
Type of Survey	PLANIMETRIC
Field No. Ph-170	Office No. T-10511
<b>LOCALITY</b>	
State	LOUISIANA
General locality	ATCHAFALAYA RIVER
Locality	LOTTIE
<u>19 56-57</u>	
<b>CHIEF OF PARTY</b> Ira R. Rubottom, Chief of Field Party Arthur L. Wardwell, Tampa District Office	
<b>LIBRARY &amp; ARCHIVES</b>	
DATE	May 1963

USCOMM-DC 5087

# 10511

DESCRIPTIVE REPORT - DATA RECORD

T - 10511

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): Field: 4 December 1956  
Field Supplement 1: 15 January 1957  
Field Supplement 2: 14 March 1957  
Office: 21 June 1957  
Office Amendment: 2 April 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):

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):

~~Mean sea level~~ except as follows: MHW  
Elevations shown as (25) refer to mean high water  
Elevations shown as (5) refer to sounding datum  
i.e., mean low water or mean lower low water

Reference Station (III): 3680(LGS) USE

Lat.: 30°33'26.901" (828.4M)

Long.: 91°40'31.837" (848.5M)

Adjusted  
Unadjusted

Plane Coordinates (IV):

State:

Zone:

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.

### DESCRIPTIVE REPORT - DATA RECORD


PLANIMETRIC

Areas contoured by various personnel  
(Show name within area)  
(II) (III)  
Inapplicable

DESCRIPTIVE REPORT - DATA RECORD

Field inspection by (II): **John R. Smith**

Date: **July 1957**

Planetable 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 (W.O.)**

Date: **June 1957**

Projection and Grids checked by (IV): **J. B. Phillips (W.O.)**

Date: **June 1957**

Control plotted by (III): **Portland Photo Office**

Date: **August 1958**

Control checked by (III): **Portland Photo Office**

Date: **August 1958**

Radial Plot or Stereoscopic

Date:

~~Control extension~~ by (III): **Portland Photo Office**

Stereoscopic Instrument compilation (III):  
Planimetry  
Contours **Inapplicable**

Date:

Date:

Manuscript delineated by (III): **R. Dossett**

Date: **May 1959**

Photogrammetric Office Review <sup>/ of map manuscript</sup> by (III): **W. H. Shearouse**

Date: **July 1959**

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

4

Camera (kind or source) (III): USC&GS 9 lens

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Date	Time		
54984	15 October 1956		12:48	1:20,000	NO
54985	"		12:49	"	Periodic
54933	"		13:40	"	Tide
54934	"		13:41	"	

Tide (III)

Reference Station:  
Subordinate Station: **Inapplicable**  
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

Date:

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

Date: December 1959

March 1960

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 59  
Shoreline (More than 200 meters to opposite shore) (III): 40  
~~Shoreline (Less than 200 meters to opposite shore) (IV):~~  
Control Leveling - Miles (II): **Inapplicable**  
Number of Triangulation Stations searched for (II): 4\*  
Number of BMs searched for (II): --  
Number of Recoverable Photo Stations established (III): 0  
Number of Temporary Photo Hydro Stations established (III): 0

Recovered: 4\*

Identified: 3\*

Recovered: --

Identified: --

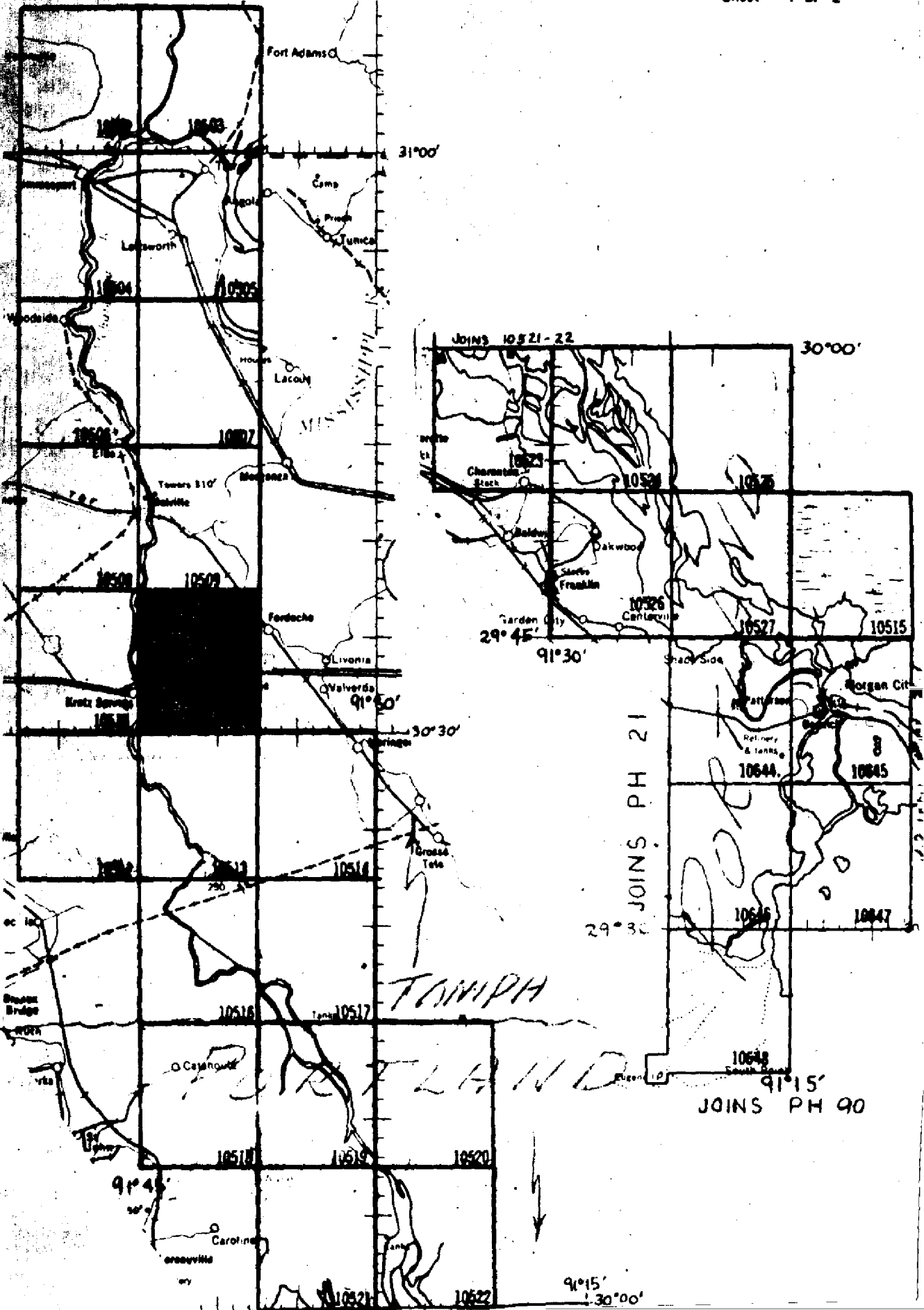
Remarks: \* 1 station is east of sheet (and project) limits

# PLANIMETRIC PROJECT PH170

Atchafalaya Bay to Mississippi River, La.

5

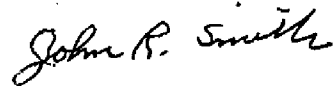
Sheet 1 of 2



FIELD INSPECTION REPORT  
PROJECT 170  
MAP T-10511

Please refer to the Field Inspection Report for  
Map T-10508 for all data pertaining to this map.

Submitted:



John R. Smith  
Cartographic Survey Aid

Approved:



Ira R. Rubottom  
Chief of Party

MAP T. 10511 PROJECT NO. 170 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR U-COORDINATE LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	Meters Per Station Second	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		Distance Per Station From Reference Point in METERS FORWARD (BACK)
							FORWARD (BACK)	FORWARD (BACK)	
3681 (L.G.S.) (USE)	USE FOR- DOCHE GUARD Page A-47	N.A.	30 33	27 8' 79		30.794	858.5 (989.1)	1847.6	
			91 41	12 4' 46		26.651	331.7 (1267.4)	1599.1	
Ditto Sub. Pt	Office Comp.	"	30 33			30.794	868.5 (883.6)	1847.6	
			91 41			26.651	1121.5 (477.6)	1599.1	
ROMER, 1935	G. R. Page II, 9	"	30-33	20.9' 14		30.794	644.0 (1203.6)	1847.6	
			91-35	54.9' 57		26.652	1464.7 (134.4)	1599.1	
Ditto Sub Pt.	Office Comp.	"	30 33			30.794	667.9 (1179.7)	1847.6	
			91 35			26.652	1447.1 (152.0)	1599.1	
3680 (L.G.S.) (USE)	FORDOCHE (USE) GUARD Page A-46	"	30 33	26.9' 01		30.794	828.4 (1019.2)		
			91 40	31.8' 37		26.651	848.5 (750.6)		
3651 (L.G.S.) (USE)	FORDOCHE (USE) GUARD Page A-35	"	30 35	41.5' 18		30.794	1278.5 (569.1)	1847.6	
			91 37	49.4' 70		26.641	1317.9 (280.6)	1598.5	
Ditto Sub. Pt.	Office Comp.	"	30 35			30.794	1307.5 (540.1)	1847.6	
			91 37			26.641	1284.0 (314.5)	1598.5	

*only  
Sub. Pt. for project  
plotting of*

1 FT. = 3048 METERS  
COMPUTED BY: E.T.J.  
DATE: 4-28-59  
CHECKED BY: [Signature]  
DATE: 5/7/58  
COMM-DC-57843



COMPILATION REPORT  
T-10511

PHOTOGRAMMETRIC PLOT REPORT

Submitted by Portland Office. Desc Report T10527

31. DELINEATION

Compiled by graphic method.

The photographs showed considerable tilt, but they were clear and usable. More detail points were required than ordinarily would have been needed. Considerable difficulty was encountered in tracing out some of the drainage due to dense woodland. One stream "Primm Bayou" not marked by field inspector could not be discerned in the office and was not shown on the map manuscript, even though "Approved" on the Geographic Name ~~List~~, sheet.

The field inspection was adequate.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None used.

34. CONTOURS AND DRAINAGE

Contours inapplicable.

The drainage has been delineated as shown on photographs and according to field inspection.

See Item 5 of the Field Inspection Report which is included with report for T-10508 for further information relative to drainage.

35. SHORELINE AND ALONGSHORE DETAILS

The entire shoreline of the Atchafalaya River has been delineated as fast shoreline. Shoal and low water lines are inapplicable. Along-shore details were minor and inspection was adequate.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

A satisfactory junction has been made with T-10510 on the west, T-10513 on the south and T-10509 on the north. The manuscript falls in the southwest quarter of FORDOCHE, 1:62,500 quadrangle for a junction on the east, see Item 46.

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. Army Corps of Engineers topographic quadrangle "FORDOCHE LA", scale 1:62,500, edition of 1955. Shoreline changes are negligible. 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*  
Rudolph Dossett  
Carto-photo Aid

Approved and Forwarded:

*Arthur L. Wardwell*  
Arthur L. Wardwell  
Chief of Party

49. NOTES FOR THE HYDROGRAPHER

None.

50.

PHOTOGRAMMETRIC OFFICE REVIEW OF ADVANCE MANUSCRIPT

T- 10511

1. Projection and grids WHS 2. Title WHS 3. Manuscript numbers WHS 4. Manuscript size WHS  
 4a Classification label 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) XX 7. Photo hydro stations XX 8. Bench marks XX  
 9. Plotting of sextant fixes XX 10. Photogrammetric plot report Portland Off. 11. Detail points WHS

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

20. Water features WHS 21. Natural ground cover WHS 22. Planetable contours XX 23. Stereoscopic instrument contours XX 24. Contours in general XX 25. Spot elevations XX 26. Other physical features WHS

CULTURAL FEATURES

27. Roads WHS 28. Buildings WHS 29. Railroads WHS 30. Other cultural features WHS

BOUNDARIES

31. Boundary lines XX 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 Milton M. Slavney  
 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.

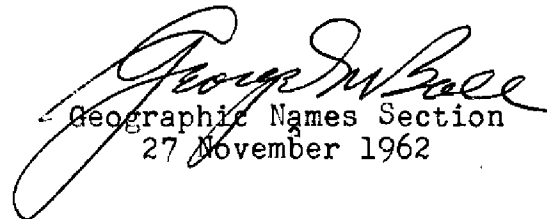
\_\_\_\_\_  
Compiler

\_\_\_\_\_  
Supervisor

43. Remarks:

48. Geographic Names:

Alabama Bayou  
Atchafalaya River  
Barney Bayou  
Bayou Black  
~~Bayou Brown~~  
Bayou Close  
Bayou Fordoche  
Bayou Gerance  
Bayou Latenache Drainage Canal  
Bayou Sherman  
Bayou White  
Carter Bayou  
Cottonwood Slough  
East Fork Bayou Sherman  
Lake Holloway  
Little Bayou Alabama  
Lottie  
McKneely Spur  
Prentiss Bayou  
Red Bank Lake Bayou  
Sherburne

  
Geographic Names Section  
27 November 1962

REVIEW REPORT  
of PLANIMETRIC MANUSCRIPTS  
T-10510 thru T-10514, T-10516 and T-10517

January 1963

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

Cow Bayou, La.	1:24,000	U.S.G.S.	1953
Maringouin, La.	1:62,500	U.S.G.S.	1959
Arnaudville, La.	1:62,500	C of E	1940
Fordschoe, La.	1:62,500	C of E	1959
Palmetto, La.	1:62,500	C of E	1959

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:

L. E. Lande  
L. E. Lande

Approved by:

Charles L. ...  
Chief, Cartographic Br.

James G. Taylor  
Chief, Nautical Chart Division

J. E. Waugh 4/24/63  
Chief, Photogrammetry Division

Horace B. Conely  
Chief, Operations Division

**RECORD OF APPLICATION TO CHARTS**

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-10511

**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.

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
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