

# 10513

Original

Diag. Cht. No. 1.

<b>Form 504</b> U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY  <b>DESCRIPTIVE REPORT</b>	
<i>Type of Survey</i> <u>PLANIMETRIC</u>	
<i>Field No.</i> <u>Ph-170</u> <i>Office No.</i> <u>T-10513</u>	
<b>LOCALITY</b>	
<i>State</i> <u>LOUISIANA</u>	
<i>General locality</i> <u>ATCHAFALAYA RIVER</u>	
<i>Locality</i> <u>ALABAMA BAYOU</u>	
<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>	
<b>DATE</b> <u>May 1963</u>	

USCOMM-DC 5087

# 10513

DESCRIPTIVE REPORT - DATA RECORD

T. 10513

Project No. (II): **Ph-170**      Quadrangle Name (IV):

Field Office (II): **Opelousas, La.**

Chief of Party: **Ira R. Rubottom**

Photogrammetric Office (III): **Tampa, Fla.**

Officer-in-Charge: **Arthur I. Wardwell**

Instructions dated (II) (III): **Field: 4 Dec. 1956**  
**Supplement 1 (Field) 15 Jan. 1957**  
" 2 " **14 Mar. 1957**  
**Offices: 21 Jan. 1957**  
**Amendment (Office) 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 (II): **None**

Date received in Washington Office (IV):

**JUN 2 - 1960**

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 (S) refer to sounding datum  
i.e., mean low water or mean lower low water

Reference Station (III): **258 USE 1952**

Lat.: **30°23'57.692" (1776.5 m)**

Long.: **91°42'01.481" (39.5 m)**

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

Field Inspection by (II): **M. C. Moody**  
**L. F. Beugnet**

Date: **May-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: **Aug. 1958**

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

Date: **Aug. 1958**

Radial Plot ~~and Stereoscopic~~

Date:

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

Stereoscopic Instrument compilation (III):

Planimetry

**Inapplicable**

Date:

Contours

Date:

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

Date: **March 1959**

**of compilation**

Photogrammetric Office Review by (III): **R. R. Wagner**

Date: **Nov. 1959**

Elevations on Manuscript

Date:

checked by (II) (III): **Inapplicable**

DESCRIPTIVE REPORT - DATA RECORD

A.

Camera (kind or source) (III): **C&GS 9-lens**

Number	Date	Time	Scale	Stage of Tide
54892	15 Oct. 1956	12:46	1:20,000	NO
54893	" " "	12:47	"	TIDE
54935	" " "	13:42	"	DATA
54936	" " "	13:43	"	
54937	" " "	13:44	"	

Tide (III)

Reference Station: **No tide data**  
Subordinate Station:  
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

Date:

Final Drafting by (IV): **R. Dossett, Tampa**  
" " **Reviewed by: I. I. Saperstein, Tampa**  
Drafting verified for reproduction by (IV):

Date: **April 1960**

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **59**  
Shoreline (More than 200 meters to opposite shore) (III): **80**  
~~Shoreline (Less than 200 meters to opposite shore) (III):~~  
Control Leveling - Miles (II): **None**  
Number of Triangulation Stations searched for (II): **5** Recovered: **2**  
Number of BMs searched for (II): Recovered:  
Number of Recoverable Photo Stations established (III): **None** Identified: **1**  
Number of Temporary Photo Hydro Stations established (III): **None** Identified:

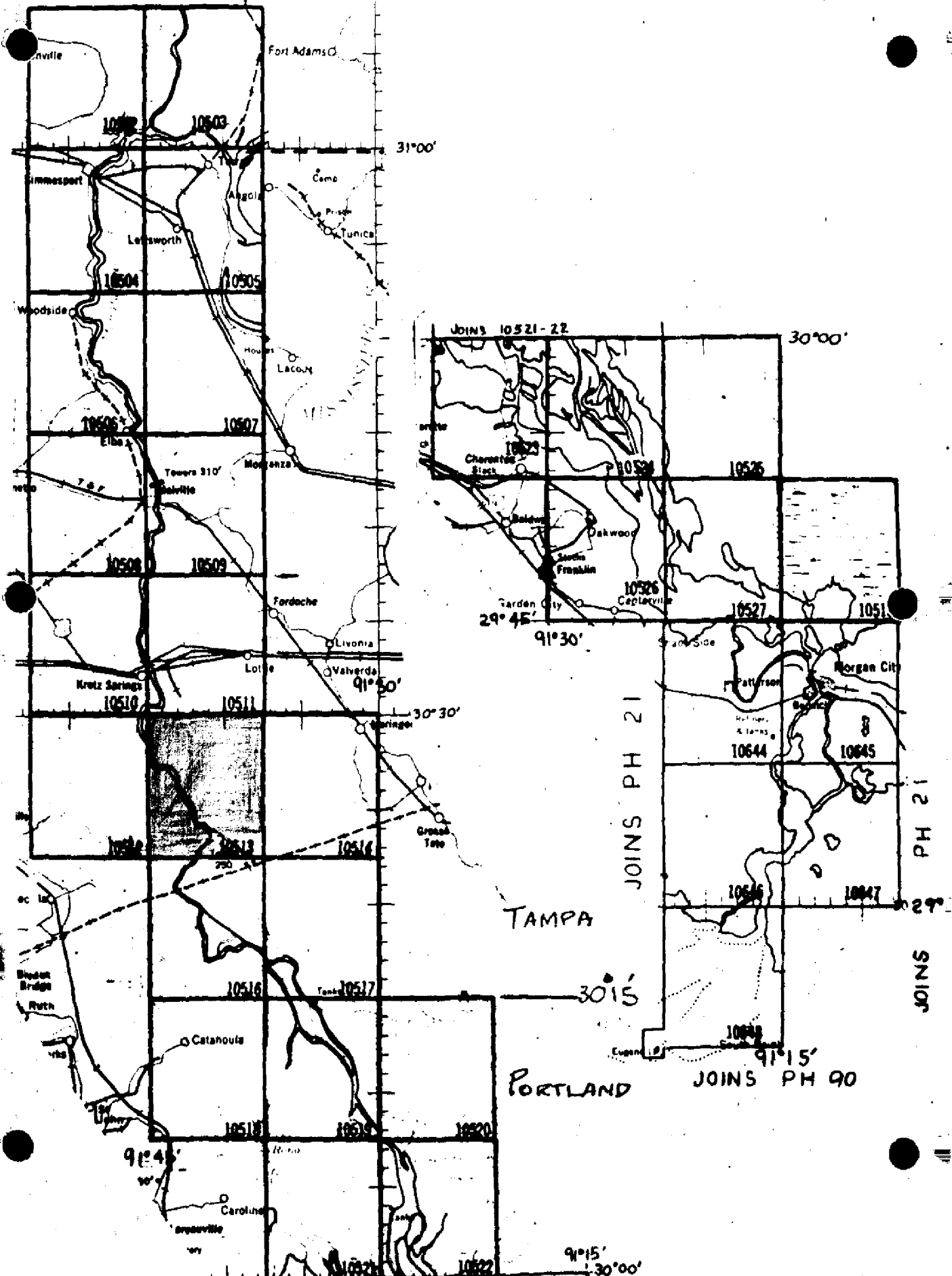
Remarks:

PLANIMETRIC PROJECT PH170

Atchafalaya Bay to Mississippi River, La.

Sheet 1 of 2

5



FIELD INSPECTION REPORT  
PROJECT 170  
MAP T-10513

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

Submitted:



Leo F. Beugnet  
Cartographer

Approved:



Ira R. Rubottom  
Chief of Party

U. S. DEPARTMENT OF COMMERCE  
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY  
CONTROL RECORD

MAP T. 10513 PROJECT NO. Ph-170 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $x$ -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		Meters Per <del>Foot</del> CORRECTION	N.A. 1927-DATUM DISTANCE FROM G. I. D. OR PROJECTION LINE IN METERS		Value of 1 Minute FACTOR-DISTANCE FROM G. I. D. OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
	WARE Traverse	N.A.	30 24 03.082 ✓	816.50	✓	30.793	94.9 (1752.7)	1847.6	
257(USE) 1952	Sheet#5	1927	91 42 14.025 ✓	NA	✓	26.694	374.4 (1227.2)	1601.6	
258(USE) 1952	"	"	30 23 57.692 ✓	NA	✓	30.793	1776.5 (71.1)	1847.6	
			91 42 01.481	NA	✓	26.694	39.5 (1562.1)	1601.6	
Ditto			30 23	NA	✓	30.793	1771.5 (76.1)	1847.6	
Sub. Pt.			91 42	NA	✓	26.694	62.6 (1539.0)	1601.6	



COMPILATION REPORT

T-10513

PHOTOGRAMMETRIC PLOT REPORT

Submitted by Portland Office. Desc. Report T10527

31. DELINEATION

The graphic method was used.

The photographs were of good scale and sufficiently clear to insure correct interpretation.

The field inspection was adequate.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours inapplicable (Planimetric).

All drainage visible on the photographs has been delineated. The density of the woodland hindered complete interpretation of some streams.

35. SHORELINE AND ALONGSHORE DETAILS

None.

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-10512 on the west, T-10511 on the north, T-10514 on the west and T-10516 on the south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement required.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U. S. Army Corps of Engineers topographic quadrangle "OSCA, LOUISIANA", edition of 1959, scale 1:62,500, compiled from aerial photographs of Jan. 1959. Field checked May 1959.

The only major change is the formation of a large lake as seen on the 1959 quadrangle. On the 1956 photographs the area is all swamp, no lake being visible.

47. COMPARISON WITH NAUTICAL CHARTS

No published chart of this area.

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. 10513

1. Projection and grids I.I.S. 2. Title IIS 3. Manuscript numbers IIS 4. Manuscript size IIS  
5. Classification label unclassified

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy IIS 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 Port. Off. 11. Detail points IIS

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

27. Roads IIS 28. Buildings XX 29. Railroads XX 30. Other cultural features IIS

BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

33. Geographic names IIS 34. Junctions IIS 35. Legibility of the manuscript IIS 36. Discrepancy overlay XX 37. Descriptive Report IIS 38. Field inspection photographs IIS 39. Forms IIS  
40. Irving T. Sapstein Reviewer Milton M. Slawny Supervisor, Review Section of 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.

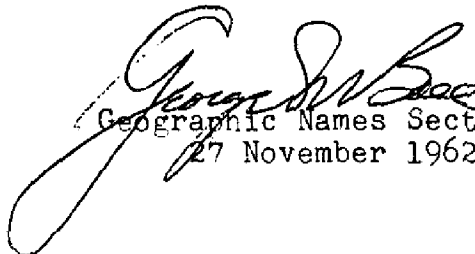
\_\_\_\_\_  
Compiler

\_\_\_\_\_  
Supervisor

43. Remarks:

48. Geographic Names:

Alabama Bayou  
Atchafalaya Basin Floodway  
Atchafalaya Basin Main Channel  
Atchafalaya River  
Bay Denny  
Bayou Burron  
Bayou des Glaïses  
Bayou des Ourses  
Bayou Johnson  
Bayou Manuel  
Bayou Stiff  
Bob Tail Bayou  
Coswell Bayou  
Courtableau Bayou  
Indian Bayou  
Lake Comeaux  
Lake Valerie  
Little Alabama Bayou  
Lost Bayou  
Offa Bayou  
Opelousas Bay  
Whiskey Bay Pilot Channel

  
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	O of B	1940
Fordeche, La.	1:62,500	O of B	1959
Palmette, La.	1:62,500	O of B	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. C. Lande  
L. C. Lande

Approved by:

Samuel S. Lewis  
Chief, Cartographic Br.

Louis G. Taylor  
Chief, Nautical Chart Division

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

W. S. Conroy  
Chief, Operations Division

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-10513

**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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