

# 10509

Original

Diag. Cht. No. 1.

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	PLANIMETRIC
Field No. Ph-170	Office No. T-10509
LOCALITY	
State	LOUISIANA
General locality	ATCHAFALAYA RIVER
Locality	MELVILLE
1956-57	
CHIEF OF PARTY	
Ira R. Rubottom Chief of Field Party	
Arthur L. Wardwell Tampa District Office	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

# 10509

DESCRIPTIVE REPORT - DATA RECORD

T - 10509

Project No. (II): Ph-170

Quadrangle Name (IV):

Field Office (II): Opelousas, Louisiana

Chief of Party: Ira R. Rubottom

Photogrammetric Office (III): Tampa, Fla.

Officer-in-Charge: A. L. Wardwell

Instructions dated (II) (III): Field: 4 December 1956

Copy filed in Division of  
Photogrammetry (IV)

Supplement 1 (Field) 15 January 1957

Supplement 2 (Field) 14 March 1957

Office: 21 June 1957

Amendment (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): 3/24/60 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 Low Water~~ except as follows:  
Elevations shown as (25) refer to mean high water  
Elevations shown as (2) refer to sounding datum  
i.e., mean low water or mean lower low water

Reference Station (III): FORDOCHE 1935

Lat.: 30°39'34.667" (1067.5M)

Long.: 91°38'36.126" (961.5M)

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

Field Inspection by (II): **Leo P. Beugnet**  
**Eugene P. Johnston** 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** 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** Date:

Radial Plot or Stereoscopic Date:

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

Planimetry Date:

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

Contours Date:

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

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

Elevations on Manuscript Date:

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

DESCRIPTIVE REPORT - DATA RECORD

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

PHOTOGRAPHS (III)					
Number	Date	Time	Scale	Stage of Tide	
54896	15 Oct. 1956	12:50	1:20,000		
54897	"	12:51	"	NO	
54898	"	12:52	"		
54930	"	13:37	"	TIDE	
54931	"	13:38	"		
54932	"	13:39	"		

Tide (III)

No Tide

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

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

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**

~~Shoreline (Less than 200 meters to opposite shore) (III):~~

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-10508  
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

MAP T. 10.5.0.9 PROJECT NO. Ph. 1.7.0 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		METERS PER SECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		DISTANCE PER MINUTE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
FORDOCHE, 1935	x G.P. Page II, 9	N.A. 1927	30 39 34.667 91 38 36.126			30.794	1067.5 (780.2)	1847.7	
Ditto		"	30-39 91-38			26.623	961.8 (635.6)	1597.4	
Sub Pt.						30.794	975.5 (872.2)	1847.7	
Sub Pt.						26.623	914.0 (683.4)	1597.4	
B.P. PLAUCHE (USE)	USE FOR DOCHE	"	30 41 16.960			30.794	592.3 (1325.4)	1847.7	
B.M. 12A (USE)	STAKE 6	"	91 35 38.599			26.602	1026.8 (569.3)	1847.7	
Ditto		"	30-41 91-35			30.794	500.7 (1347.0)	1847.7	
Sub Pt.		"	91-35			26.602	1103.6 (492.5)	1596.1	
3629 (2.G.S.) (USE)	USE FOR DOCHE	"	30 40 28.854			30.794	888.5 (959.2)	1847.7	
1936	x Page A 27	"	91 41 44.945			26.619	1196.4 (400.8)	1597.2	
Ditto		"	30-40 91 41			30.794	849.5 (998.2)	1847.7	
Sub Pt.		"	30 41 30.487			26.619	1245.2 (352.0)	1597.2	
MELVILLE MUNICIPAL TANK 1935	x G.P. Page II, 8	"	91 44 34.634			30.794	938.8 (908.9)	1847.7	
B.M. GAGE 43 (M.R.C.) 1929	G.P. Page I, 19	"	30 43 41.476			26.614	921.7 (675.1)	1596.8	
NEW ROADS WEST BASE 1929	G.P. Page I, 8	"	91 32 28.229			30.794	1277.3 (570.4)	1847.7	
NEW ROADS W. BASE "A" 1929	G.P. Page I, 51	"	30 42 54.584			26.605	751.0 (845.3)	1596.3	
NEW ROADS W. BASE "B" 1929	Ditto	"	91 33 10.630			30.794	1680.9 (166.8)	1847.7	
P.B.M. 157/4 (USE)	USE FOR DOCHE	"	30 42 59.306			26.607	266.9 (1329.6)	1596.5	
	Sub A-21	"	91 33 34.793			30.794	1826.3 (21.4)	1847.7	
		"	30 43 07.650			26.608	925.8 (670.7)	1596.5	
		"	91 34 32.471			30.794	235.6 (1612.1)	1847.7	
		"	30-43 25.098			26.607	864.0 (732.5)	1596.5	
		"	91-34 42.562			30.794	772.9 (1074.8)	1847.7	
		"				26.606	1132.4 (464.0)	1596.4	



U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY  
DESCRIPTIVE REPORT  
CONTROL RECORD

MAP T. 10509 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 FORWARD (BACK)	METERS Per FOOT CORRECTION SECOND	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		DISTANCE PER MINUTE FROM PROJECTION LINE IN METERS FORWARD (BACK)
						FORWARD	(BACK)	
SURVEY MARK: U.S. EN- GINIERS-DEPT-NEW- ORLEANS RIVER DIST. 1930	G.P., Page I, 51	N.A. 1927	<del>30 43 00.681</del> 91 33 42.732	<i>Prop</i>	30.795 26.608	210 (1826.7) 1137.0 (459.5)	1847.7 1596.5	
NEW ROADS W. BASE "D" 1930	G.P., Page I, 51		<del>30 43 24.135</del> 91 35 02.961	<i>Prop</i>	30.795 26.606	743.2 (1104.5) 788 (1517.6)	1847.7 1596.4	
PBM HUDSON 9, (USE) 1929	USE FOR DOCHE QUAD PAGE A-15		30 44 23.333 91 44 53.492	<i>Prop</i>	30.795 26.601	718.5 (1129.2) 1422.9 (-173.2)	1847.7 1596.1	
BM PLAUCHE (USE) BM-12A (USE) Ditto Sub P4	Position from letter from WD District Office 11 July 1958	" "	30 44 16.557 91 35 38.759 30 44 91 35	<i>Prop</i>	30.795 26.602	519.1 (1328.6) 1031.1 (525.0) 497.5 (1350.2) 1107.9 (488.2)	1847.68 1596.1	

COMPILATION REPORT  
T-10509

PHOTOGRAMMETRIC PLOT REPORT

Submitted by Portland Office. See 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.

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

Field inspection was otherwise adequate.

32. CONTROL

See Photogrammetric 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 UEDU (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 FORDOCHE, 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 "FORDOCHE LA." scale 1:62500, edition of 1955, from aerial photographs of 1945 - 1952. No outstanding discrepancies were noted.

47. COMPARISON WITH NAUTICAL CHARTS

None.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

*Rudolph Dossett*  
Rudolph Dossett  
Carto Photo Aid

APPROVED AND FORWARD:

*Arthur L. Wardwell*  
Arthur L. Wardwell  
Tampa District Officer

49. NOTES FOR THE HYDROGRAPHER

None.



**MONITORING AIDS FOR LANDMARKS FOR CHARTS**

TO BE CHARTED  
~~RECOMMENDED~~  
~~RECOMMENDED~~

STRIKE OUT TWO

Tempa District Office

3 March 1960

I recommend that the following objects which have (~~been~~) been inspected from seaward to determine their value as landmarks be charted on (~~charts~~) the charts indicated.

The positions given have been checked after listing by R. Consett

Arthur L. Cardwell

Chief of Party

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
				LATITUDE*		LONGITUDE*								DATUM
				D.M. METERS	° ' "	D.P. METERS	° ' "							
TOWER	LOUISIANA	steel hts 233(272) Above MSL		30 42	91 43	58.01 1565	N.A. Photo P. 1927	July 1957				No charts		
TOWER		steel hts 233(272) Above MSL		30 42	91 44	29.10 896	"	"				"		
TANK		BEVILLE MUNICIPAL TANK 1935 steel hts 133(163) MSL		30 41	91 44	30.48 938.8	N.A. 63 921.7	Trimg. 1-1-1959	"			"		
		* Taken from data 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.

50.

### PHOTOGRAMMETRIC OFFICE REVIEW

T- 10509

1. Projection and grids WBS 2. Title WBS 3. Manuscript numbers WBS 4. Manuscript size WBS  
 4a Classification label Unclassified

#### CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy WBS 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) WBS 7. Photo hydro stations XX 8. Bench marks XX  
 9. Plotting of sextant fixes XX 10. Photogrammetric plot report PORT OFF 11. Detail points WBS

#### ALONGSHORE AREAS

(Nautical Chart Data)

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

#### PHYSICAL FEATURES

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

#### CULTURAL FEATURES

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

#### BOUNDARIES

31. Boundary lines WBS 32. Public land lines XX

#### MISCELLANEOUS

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

40. William H. Shearouse Milton M. Slavney  
*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

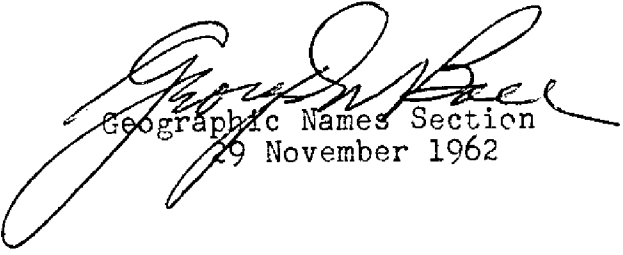
\_\_\_\_\_  
Supervisor

43. Remarks:



48. Geographic Names:

Argyle Plantation  
Atchafalaya River  
Bayou Ballshack  
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  
Prader Bayou  
Prentiss Bayou  
Red Cross

  
Geographic Names Section  
29 November 1962

REVIEW REPORT  
OF PLANIMETRIC MANUSCRIPTS  
T-10502 thru T-10509

February 1963

61. General Statement

There 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

Voorhies, La.	1:62,500	CofE	1941
Artonish, 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 accuracy.

Reviewed by:

L. C. Lande  
L. C. Lande

Approved by:

Charles L. Lamm  
Chief, Cartographic Branch

Louis G. Taylor  
Chief, Nautical Charts Division

J. E. W. W. 4/5/63  
Chief, Photogrammetry Division

W. H. Conroy  
Chief, Operations Division

