

10503

Original

Diag. Cht. No. 1.

Form 504	
U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey <u>PLANIMETRIC</u>	
Field No. <u>Ph-170</u>	Office No. <u>T-10503</u>
LOCALITY	
State <u>LOUISIANA</u>	
General locality <u>RED RIVER</u>	
Locality <u>GRAND BAY</u>	
<u>1956-57</u>	
CHIEF OF PARTY Ira R. Rubottom, Chief of Field Party Arthur L. Wardwell, Tampa District Office	
LIBRARY & ARCHIVES	
DATE _____	

USCOMM-DC 5087

10503

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **Leo F. Beugnet** Date: **Sept. 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. C. Haskins (W.O.)** Date: **Nov. 1957**

Projection and Grids checked by (IV): **I. Y. Fitzgerald (W.O.)** Date: **Nov. 1957**

Control plotted by (III): **Portland Office** Date: **Sept. 1958**

Control checked by (III): **Portland Office** Date: **Sept. 1958**

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: **Sept. 1959**

of map manuscript
Photogrammetric Office Review/by (III): **I. I. Saperstein** Date: **Feb. 1960**

Elevations on Manuscript Date:

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

DESCRIPTIVE REPORT - DATA RECORD

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

PHOTOGRAPHS (III)					
Number	Date	Time	Scale	Stage of Tide	
54904	15 Oct. 1956	12:59	1:20,000	No Tide	
54905	" " "	13:00	"		
54922	" " "	13:29	"		
54923	" " "	13:30	"		

Tide (III)

No Tide

Ratio of Ranges	Mean Range	Spring Range

Reference Station:
Subordinate Station:
Subordinate Station:

Washington Office Review by (IV):

Date:

Final Drafting by (IV): R. E. Smith, Tampa District Office
" " Reviewed by: W. H. Shearouse, Tampa District Office
Drafting verified for reproduction by (IV):

Date: May 1960
Date: June 1960

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 58
Shoreline (More than 200 meters to opposite shore) (III): 34
~~Shoreline (Less than 200 meters to opposite shore) (III):~~
Control Leveling - Miles (II): Inapplicable
Number of Triangulation Stations searched for (II): 10* Recovered: 5 Identified: 4
Number of BMs searched for (II): None Recovered: Identified:
Number of Recoverable Photo Stations established (III): 4**
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

- * Including 4 stations which fall east and north of map and project.
- ** Nonfloating aids to navigation

FIELD INSPECTION REPORT
PROJECT 170
MAP T-10503

Please refer to the Field Inspection Report for Map T-10502
for all data pertaining to this map.

Submitted:



Leo F. Beugnet
Cartographer

Approved:



Ira R. Rubottom
Chief of Party

MAP T-10504 PROJECT NO. Ph 170 SCALE OF MAP 1:20,000 SCALE FACTOR None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR μ -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS	DATUM CORRECTION		N.A. 1927 - DATUM		FACTOR DISTANCE	
					FORWARD	(BACK)	FORWARD	(BACK)	FROM GRID OR PROJECTION LINE IN METERS	FORWARD
PLAUCHE, 1941	GP P II 83	NA 1927	30 58 26.473 21 56 14.908	✓	30796	26537	815.3 (1092.5)	395.6 (1196.6)	✓	Sub Sta 1847.7
Ditto Sub Sta			30 58 91 56				1069.9 (777.9)	375.4 (1216.8)	✓	only 1522.2
A 3697 (LGS)	Odenburg Quadr P 19	"	30 55 14.521 91 48 43.323	✓	30796	26552	447.2 (1400.6)	1150.3 (442.8)	✓	1593.1
Ditto Sub Sta			30 55 91 48				401.5 (1446.3)	1154.0 (439.1)	✓	✓
A 4585 (LGS)	Odenburg Quadr P 30	"	30 53 56.951 91 56 20.752	✓	30795	26557	1753.8 (93.9)	551.1 (1042.3)	✓	1593.4
Ditto Sub Sta			30 53 91 56				1796.7 (51.0)	503.3 (1090.1)	✓	✓
POM GABRIEL (USE) 1930	Odenburg Quadr P 16 #48	"	30 59 07.448 91 48 19.950	✓	30796	26534	229.3 (1618.4)	529.3 (1062.7)	✓	1597.1
Ditto Sub Sta			30 59 91 48				174.2 (1673.5)	512.1 (1079.9)	✓	✓

COMPILATION REPORT
T-10503

PHOTOGRAMMETRIC PLOT REPORT

Submitted by Portland Office 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.

Field inspection was adequate.

An intermittent pond shown on the "ARTONISH" quadrangle and known as Lac Bayou des Sots has not been delineated on this manuscript. This feature falls in the extreme northwest corner of the manuscript, but has overgrown until it is now swamp, and is thus shown. The name has therefore been omitted. (See Item 5).

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline has been delineated according to field inspection notes. See Item 7 of Field Inspection Report.

There are no low-water or shoal lines.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

There are no landmarks.

Four aids to navigation are being submitted on Form 567.

It will be noted that the distance between Lum Lower Light (302.4) and Lum Light (303.4) is actually about .6 mile although the numbers would indicate a distance of 1 mile between lights (Please refer to Item 9 of the Field Inspection Report submitted with T-10502 for a possible explanation).

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

A satisfactory junction has been made with T-10505 on the south and T-10502 on the west. There is no contemporary survey on the east and north. This map manuscript represents the S.W. quarter of U.S. Corps of Engineers topographic map "Artonish, La.- Miss." and the junction appears to be satisfactory.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement required.

41. PARISH BOUNDARIES AND NAMES

Reference letter dated 2 April 1959 - Amendment to Instructions- Parish Boundaries, Project 170, Atchafalaya River, La.

The La-Miss boundary in the Mississippi River falls in the northeast and southeast corners of the manuscript but has not been shown, due to omission of parish lines. See Reference Letter.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U. S. Corps of Engineers quadrangle "Artonish La.-Miss.", scale 1:62,500, edition of 1955, compiled from photographs of October 1952, December 1952 and October 1953. Topography by New Orleans District, Corps of Engineers in 1930-39 and 1949-1954. No outstanding discrepancies were noted, except the intermittent pond discussed in Item 31.

There are no planimetric maps available for comparison.

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:

William A. Rasur
for Arthur L. Wardwell
Chief of Party

49. NOTES FOR THE HYDROGRAPHER

None.

50.

PHOTOGRAMMETRIC OFFICE REVIEW OF ADVANCE MANUSCRIPT

T- 10503

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) WHS 7. Photo hydro stations XX 8. Bench marks XX
9. Plotting of sextant fixes XX 10. Photogrammetric plot report Portland Office 11. Detail points IIS

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline WHS 13. Low-water line XX 14. Rocks, shoals, etc. XX 15. Bridges WHS 16. Aids to navigation WHS 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. Slattery
William H. Shearouse 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:

NONFLOATING AIDS OF OBSCURE CHARACTER FOR CHARTS

TO BE CHARTED } STRIKE OUT TWO
~~TO BE REVIEWED~~
~~AND RECHARTED~~ }
 Tampa District Office 10 May 19 60

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. Dosselt

Arthur L. Vandell

Chief of Party.

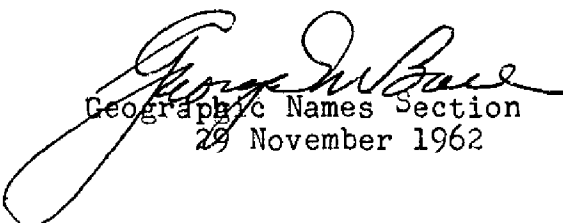
CHARTING NAME	STATE	LOUISIANA	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE *		LONGITUDE *		DATUM							
					D. M. METERS	"	D. P. METERS	"								
			MISSISSIPPI RIVER													
LIGHT			UPPER LOWER (302.4)		01.49	01.00	91.38	91.38	N.A.	1927	P-10503	10/7/57				No Charts
LIGHT			LOW (303.4)		16.07	01.00	91.38	91.38	"	"	"	10/7/57				
LIGHT			BLACK HAWK SAND (305.6)		58.38	01.06	91.37	91.37	"	"	"	9/25/57				
			LOWER OLD RIVER													
LIGHT			MURKIN ISLAND (2.6)		07.05	01.01	91.41	91.41	"	"	"	9/25/57				

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.

* TABULATE SECONDS AND METERS

48. Geographic Names:

Alligator Bayou (2)
Atchafalaya River
Bayou des Sots
Barbre Landing
Bayou Lettsworth
Bayou Moreau
Big Prairie
Cockleburr Bay
Crooked Bayou
Flat Lake
Fort Adams Reach
Gibson Lake
Grand Bay
Grand Lake
Kellers Lake
Kellers Plantation
Lac A'Sostien
Les Petits Lac a Blakewood
Long Bayou
Long Lake
Lower Old River
Martin Bay
Mississippi River
Morel Lake
Moreau Lake
Pump Bayou
Quater Lake
Red River
Road Lake
Shark Bay
Sugar Mill Chute
Timber Lake
Turnbull Island
Upper Old River


Geographic Names Section
29 November 1962

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

February 1963

61. General Statement

These 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

Sam G. Taylor
Chief, Nautical Charts Division

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

Wesley S. Conroy
Chief, Operations Division

