

10507

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-10507
LOCALITY	
State	LOUISIANA
General locality	ATCHAFALAYA RIVER
Locality	BACHELOR
<u>19.56-57</u>	
CHIEF OF PARTY Ira R. Rubottom, Chief of Field Party Arthur L. Wardwell, Tampa District Office	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

10507

DESCRIPTIVE REPORT - DATA RECORD

T-10507

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 L. Wardwell

Instructions dated (II) (III):	Field	4 December 1956
Supplement 1 (Field)		15 January 1957
" 2 "		14 March 1957
	Office	21 June 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 (III): None

Date received in Washington Office (IV):

MAY 17 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 (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): BM JOSIE USE 1939

Lat.: 30°50'35.100" (1080.9 m) Long.: 91°39'12.385" (329.1 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): John R. Smith Date: October 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 October 1956

Projection and Grids ruled by (IV): J. R. Haskins (W.O.) Date: 10/10/57

Projection and Grids checked by (IV): J. Y. Fitzgerald (W.O.) Date: 11/1/57

Control plotted by (III): Portland Photo Office Date: No date available

Control checked by (III): Portland Photo Office Date: " " "

Radial Plot or Stereoscopic
Control extension by (III): Portland Photo Office Date: " " "

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

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

of compilation manuscript
Photogrammetric Office Review by (III): R. R. Wagner Date: Nov. 1959

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

DESCRIPTIVE REPORT - DATA RECORD

4

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

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
54927	15 October 1956	13:34	1:20,000	NO
54928	"	13:35	"	T
54929	"	13:36	"	I
54899	"	12:54	"	D
54900	"	12:55	"	E

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. Dossett, Tampa District Office**

Date: **March 1960**

" " reviewed by: **W. H. Shearouse, Tampa District Office**

March 1960

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **61**

Shoreline (More than 200 meters to opposite shore) (III): **62**

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

Control Leveling - Miles (II): **None**

Number of Triangulation Stations searched for (II): **8***

Recovered: **2***

Identified: **2***

Number of BMs searched for (II): **--**

Recovered: **--**

Identified: **--**

Number of Recoverable Photo Stations established (III): **None**

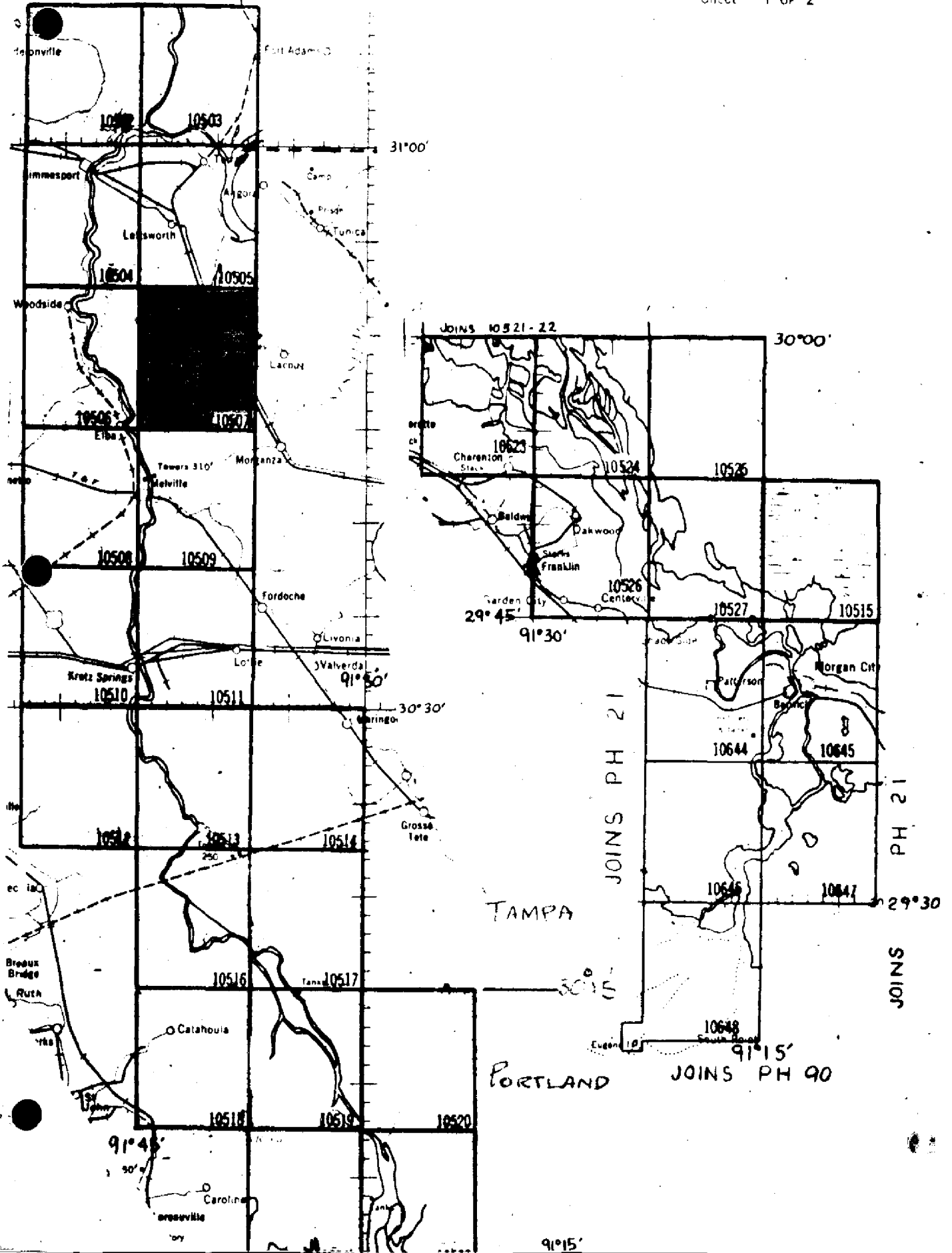
Number of Temporary Photo Hydro Stations established (III): **None**

Remarks: * One of the traverse stations falls east of the map limits.

FLANIMETRIC PROJECT PH170

Achatahacha Bay to Mississippi River, La.

Sheet 1 of 2



FIELD INSPECTION REPORT
PROJECT 170
MAP T-10507

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

Submitted:

John R. Smith
John R. Smith
Cartographic Survey Aid

Approved:

Ira R. Rubottom
Ira R. Rubottom
Chief of Party

COMPILATION REPORTT-10507PHOTOGRAMMETRIC PLOT REPORT

Submitted by Portland Office Desc. Report T10527

31. DELINEATION

Compiled by graphic method.

The photographs were clear, of reasonably good scale, with some tilt present in all.

Due to dense woodland coverage some streams were not traceable in their entirety. Because some of these have geographic names the label PDU (Probable Drainage Unsurveyed) has been applied to their approximate position.

Several church cemeteries on the geographic name sheet were not indicated by the field inspector, and the cemetery names are omitted. The field inspection generally is adequate, see Item 35 and 48.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage has been delineated from the field inspection and as interpreted from the photographs. For more information on drainage see Item 5 of Field Inspection Report submitted with T-10502.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline has been delineated as shown on the photographs and according to field inspection notes. Four small piers discerned in the photographs, not crossed off by the field inspector are shown although Item 7 of the Field Inspection Report states "there are no wharves, docks or piers along the rivers". The inspection is otherwise 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-10505 on the north, T-10509 on the south and T-10506 on the east. There is no contemporary survey on the west. This map manuscript represents the SW portion of U. S. Corps of Engineers 15 minute quadrangle BATCHELOR, LA., MISS. and the junction appears to be satisfactory.

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, La.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with Corps of Engineers Quadrangle BATCHELOR, LA., MISS., ^{scale 1:62,500} edition of 1955 from aerial photographs of October - December 1952. 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- 10507

- 1. Projection and grids WHS
- 2. Title WHS
- 3. Manuscript numbers WHS
- 4. Manuscript size WHS
- 5. 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 Port. Office
- 11. Detail points WHS

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 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 MMS
- 38. Field inspection photographs WHS
- 39. Forms WHS
- 40. William H. Shearouse Reviewer
- Milton M. Slawey 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.

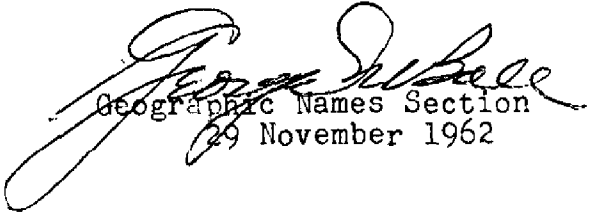
Compiler

Supervisor

43. Remarks:

48. Geographic Names:

Batchelor
Bayou Black
Bayou Bundick
Bayou Cross Vine
Bayou Latenache
Bayou Pays Bas
Bayou White Vine
Bee Tree Bayou
Benton Plantation
Big Bayou
Buckhorn Bayou
Castle Bayou
Coyles Bayou
Duck Bayou
Graveyard Bayou
Gumlog Bayou
Innis
Knee Bayou
Lacour Spur
Lake Bayou
Lake Breeze
Lower Latenache
Mains Plantation
Morganza Floodway
Morris Bayou
Raccourci Island
Raccourci Old River
Sandy Bayou


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
Artenish, 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. Linn
Chief, Cartographic Branch

Paul G. Taylor
Chief, Nautical Charts Division

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

Harold G. Conely
Chief, Operations Division

