

10931

Original

10931

10931

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	PLANIMETRIC
Field No.	Office No. T-10931
LOCALITY	
State	ALABAMA
General locality	MOBILE RIVER
Locality	GRAND BAY
1957 - 1961	
CHIEF OF PARTY	
Joseph K. Wilson, Chief of Field Party	
V. R. Sobieralski, Tampa District Office	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T -10931

Project No. (II): PH-5704

Quadrangle Name (IV):

Field Office (II): Pascagoula Miss and
Fairhope, Ala.

Chief of Party: Joseph K. Wilson

Photogrammetric Office (III): Tampa, Fla.

Officer-in-Charge: V. Ralph Sobieralski

Instructions dated (II) (III): II 23 June 1958 (Field)

Copy filed in Division of
Photogrammetry (IV)

10 Feb. 1959 (Field Suppl.1)

III 7 Apr. 1959 (Office)

9 Sept. 1959 (Stereo Bridging)

17 Aug. 1959 (Office Suppl.1)

6 Oct. 1959 (Office Suppl.1)

17 Aug. 1959 (Field Suppl.2)

10 Nov. 1959 (Field and Office Suppl.3)

Location of Aids to Navigation dated 7 Oct. 1959

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

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): 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): CHICKASAW TANK 1935 (on T-10930, no control on T-10931)

Lat.: 30°45'33.546" (1033.0 m) Long.: 88°04'19.841" (527.7 m)

Adjusted

~~coordinates~~

Plane Coordinates (IV):

State: ALABAMA

Zone: West

Y= 276,602.08

X= 320,275.55

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.

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[illegible]

COMM-DC-57842

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **W. M. Reynolds**
M. A. Stewart

Date: **July 1959**

Planetable contouring by (II): **Inapplicable**

Date:

Completion Surveys by (II): **W. V. Hull**

Date: **May 1961**

(Alongshore field edit revealed no changes)

Mean High Water Location (III) (State date and method of location): **Air photo compilation**

Date of photograph: 20 Nov. 1957

Projection and Grids ruled by (IV): **P. J. Dempsey (W.O.)**

Date: **Feb. 1959**

Projection and Grids checked by (IV): **R. D. Shoup (W.O.)**

Date: **Feb. 1959**

Control plotted by (III): **No control**

Date:

Control checked by (III):

Date:

Radial Plot ~~on Stereoscopic~~

Date: **June 1960**

~~Control extension~~ by (III): **R. R. Wagner**

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Inapplicable

Contours

Date:

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

Date: **Oct. 1960**

of compilation
Photogrammetric Office Review by (III):

W. H. Shearouse

Date: **Nov. 1960**

Elevations on Manuscript

Date:

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

DESCRIPTIVE REPORT - DATA RECORD

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

4

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Time			
56942	20 Nov. 1957	10:33		1:10,000	INSHORE MANUSCRIPT NO TIDE
56943	" "	10:33		"	
56944	" "	10:34		"	
56959	" "	10:45		"	
56960	" "	10:46		"	
56961	" "	10:46		"	

Tide (III)
Inshore Manuscript
No Tide

Reference Station:
Subordinate Station:
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

Date:

Final Drafting by (IV): **V.P.Cackowski (Tampa District Office)**
Final Drafting Rev'd by: **W.H.Shearouse (TDO)**
Drafting verified for reproduction by (IV):

Date: **August 1961**
September 1961

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **13**
Shoreline (More than 200 meters to opposite shore) (III): **33**
~~Shoreline (Less than 200 meters to opposite shore) (III):~~
Control Leveling - Miles (II): **Inapplicable**
Number of Triangulation Stations searched for (II): **1**
Number of BMs searched for (II): **None**
Number of Recoverable Photo Stations established (III): **None**
Number of Temporary Photo Hydro Stations established (III): **None**

Recovered: **0**
Recovered:

Identified: **0**
Identified:

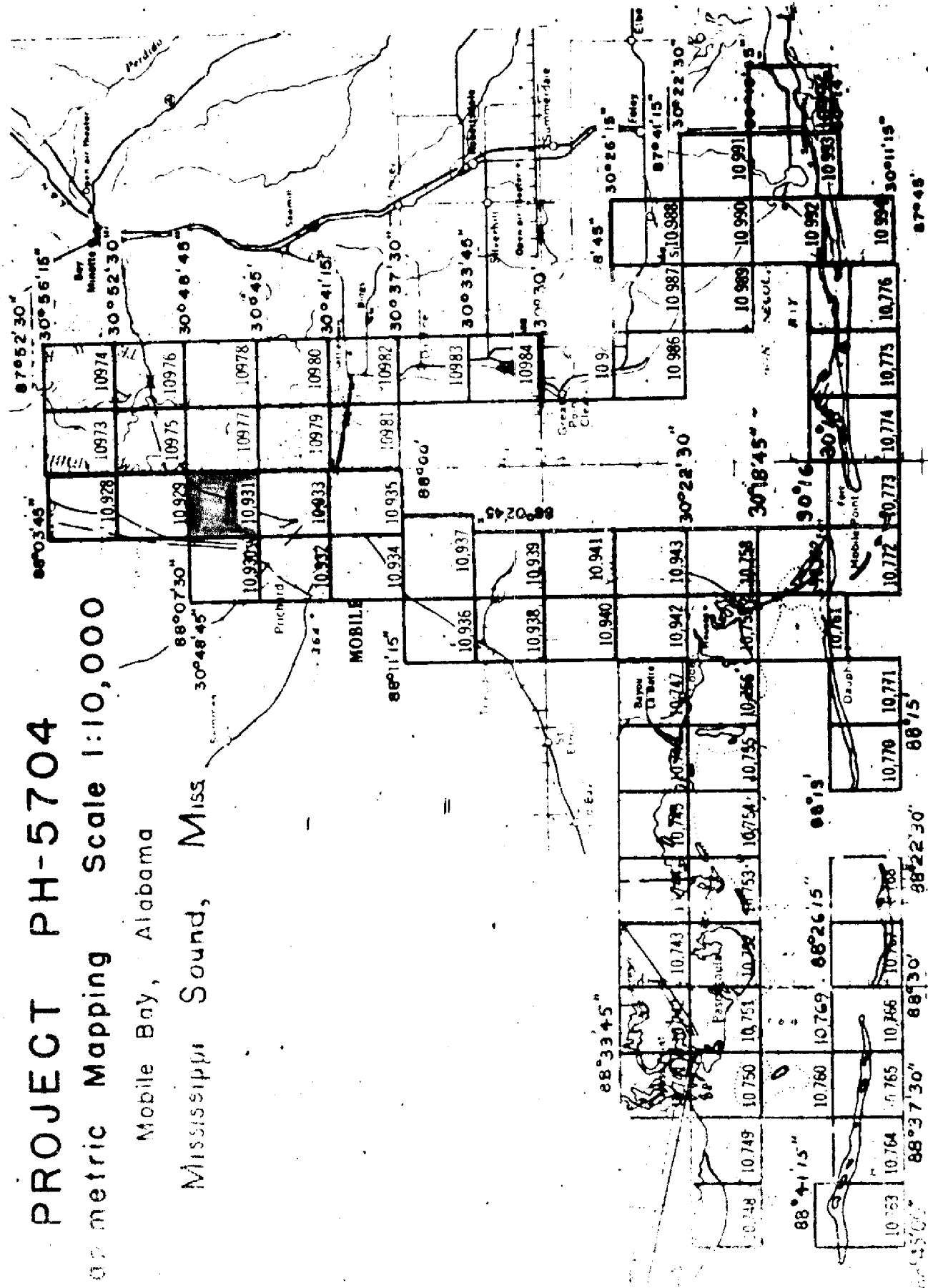
Remarks:

PROJECT PH-5704

Topographic Mapping Scale 1:10,000

Mobile Bay, Alabama

Mississippi Sound, Miss



FIELD INSPECTION REPORT
Map T-10931
Project Ph-5704

Please refer to Field Inspection Report submitted with map T-10928
for all information pertaining to this map.

Joseph K. Wilson
Joseph K. Wilson
Chief, Photo Party 720

COMPILATION REPORT
T-10931

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-10928

31. DELINEATION

The graphic method was used.

The photographs were clear but tilt was present in all. Photographs 56959, 56960 and 56961 has the best scale, photo 56944 was particularly bad.

32. CONTROL

There are no triangulation or traverse stations.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable. The area is drained principally by Chickasaw Creek and Mobile River along with contributing bayous and tributaries. These are clearly defined on the photographs and have been delineated after stereoscopic examination.

35. SHORELINE AND ALONGSHORE DETAILS

Delineated according to field inspection notes. The shoreline inspection was satisfactory. No low-water or shoal lines are shown.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

Forms 567 were submitted for 6 Aids to Navigation and one Landmark on 4 Nov. 1960.

COMPILATION RECORD

COMPLETION DATE

REMARKS

All planimetry compiled	November 1960	
Alongshore field edit in May 1961 revealed no changes		

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

A satisfactory junction has been made with T-10929 on the north, T-10930 on the west, T-10977 on the east and T-10933 on the south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with USGS Topographic quadrangle "CHICKASAW, ALA., scale 1:24,000 compiled in 1938-40 and revised in 1953. The comparison was favorable. Coast and Geodetic Survey planimetric maps T-5531, scale 1:10,000 and T-5530, scale 1:20,000 compiled from 1934 photographs cover part of this survey. Comparison was made and agreement found to be good. Changes noted were mostly man-made or to be expected in the elapsed time.

47. COMPARISON WITH NAUTICAL CHARTS

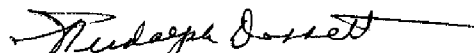
Comparison has been made with Nautical Chart 1266, scale 1:80,000 edition of 16 Nov. 1959. Since the scale of this chart is comparatively small and this is an inshore compilation, no conclusive comparison could be made.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY


None.

ITEMS TO BE CARRIED FORWARD

None.


Rudolph Dossett
Carto-photo Aid

Approved and Forwarded:


for V. Ralph Sobieralski
Tampa District Officer

48. GEOGRAPHIC NAME LIST

Geographic names were taken from the USGS CHICKASAW ALA. quadrangle and nautical chart No. 1266. No conflicts were noted.

AKKA
ALABAMA

BALDWIN COUNTY
BAYOU SARA
BEAR CREEK
BLACK BAYOU
BLACK CREEK
BLAKELEY ISLAND

CATFISH BAYOU
CHICKASAW CREEK

DUCK LAKE

GRAND BAY
GREENWOOD BAYOU

HICKORY BAYOU
HOG BAYOU

LITTLE BAYOU
LOUIS BAYOU
LOUISVILLE AND NASHVILLE RR

NENEMOOSHA

MOBILE COUNTY
MOBILE RIVER
ROUND ISLAND

SHELL BAYOU
SPANISH RIVER

TWELVEMILE ISLAND

*Names checked and approved
12 - 10 - 65
A. J. Wright*

49. NOTES FOR THE HYDROGRAPHER

None.

FORM 182 (3-61)		PHOTOGRAMMETRIC OFFICE REVIEW T- 10931		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
PROJECTION AND GRIDS WHS		2. TITLE WHS 1a. Classification label <u>unclassified</u>		3. MANUSCRIPT NUMBERS WHS	4. MANUSCRIPT SIZE WHS
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 MMS	
	11. DETAIL POINTS WHS				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE WHS	13. LOW-WATER LINE WHS	14. ROCKS, SHOALS, ETC. XX	15. BRIDGES XX	
	16. AIDS TO NAVIGATION WHS	17. LANDMARKS WHS	18. OTHER ALONGSHORE PHYSICAL FEATURES WHS		
	19. OTHER ALONGSHORE 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 WHS		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		
	SIGNATURE OF REVIEWER <i>William H. Shearouse</i> William H. Shearouse		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>Milton M. Slavney</i> Milton M. Slavney		
40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT-Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.					
SIGNATURE OF COMPILER Alongshore field edit revealed no changes			SIGNATURE OF SUPERVISOR <i>Milton M. Slavney</i> Milton M. Slavney		

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FIELD EDIT REPORT
(Shoreline)

Quadrangles T-10929 thru T-10933,
T-10979, and T-10982

51. Methods.

The distance to the MHWL was spot checked along the shoreline. Additions and corrections to the manuscript have been noted on the field-edit sheets in red and on the photographs in purple.

Field edit information has been shown on field edit sheets for T-10929, T-10931, T-10932, T-10933, T-10979, and T-10982. Additional information is shown on the photographs.

52. Adequacy of Compilation.

The map compilation appears complete and adequate.

53. Map Accuracy.

The shoreline of the maps appears to be accurate.

54. Recommendations.

There are no recommendations.

55. Examination of a proof copy.

No one able to read a map with assurance was contacted to examine a proof copy.

Geographic Names.

SPANISH FORT:

Mr. George Six, service station attendant, resident of Spanish Fort 9 years. Stated Spanish Fort is in local usage. Only time he had heard of Bridgehead was on Bus company tickets.

Mr. Charles Oswell, timberland owner, resident in vicinity for 46 years. Stated Bridgehead was an old name and it referred to the area where the Cochrane Bridge joined the land on the east side of Mobile Bay. Also stated that Spanish Fort is in local usage and that Fort McDermott is part of Spanish Fort.

Mr. George Fuller Jr., Real Estate agent, resident 10 years. Stated That Bridgehead was an old name but, was no longer used. Also stated

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that all local residents refer to the area as Spanish Fort. Mr. Fuller also stated that Fort McDermott is part of Spanish Fort but preferred the Fort McDermott area to be called Spanish Fort Estates and be noted as a historical site.

Historical markers refer to the area as an old Spanish Fort.

I recommend that this area be charted as Spanish Fort.

Submitted, 2 June 1961

Wesley V. Hull

Wesley V. Hull

Chief, Photo Hydro Support Unit 721

Review Report
Planimetric Maps
T-10928 thru T-10935
December 1965

61. General Statement

Area - The project encompasses Mobile Bay and its approaches.

Purpose - The object of this project is to provide base maps for nautical charting and shoreline and horizontal control data for hydrographic surveys.

62. Comparison with Registered Topographic Surveys

T-5530	1:20,000	1934
T-5531	1:20,000	1934
T-3716	1:10,000	1919
T-3713	1:40,000	1918

Cultural and shoreline changes have been continuous. These maps are to supersede the above surveys of common areas for nautical charting. Also see Item 46.

63. Comparison with Maps of Other Agencies

Greola	1:62,500	1941
Chickasaw	1:24,000	1953
Mobile	1:24,000	1953

See Item 46.

64. Comparison with Contemporary Hydrographic Surveys

H-8584	1:5,000	1961
H-8585	1:5,000	1961
H-8586	1:10,000	1961
H-8587	1:10,000	1961
H-8588	1:10,000	1961
H-8589	1:10,000	1961
H-8591	1:10,000	1961

Shoreline and control of subject surveys were furnished prior to the hydrographic surveys and apparently no differences of importance exist.

65. Comparison with Nautical Charts

1266

1:80,000

1965

Because of the scale difference, only a visual comparison was made. No notable differences exist.

66. Adequacy of Results and Future Surveys

These maps comply with the National Map Accuracy Standards and meet Bureau requirements.

Reviewed by:

L. C. Lande
L. C. Lande

Approved by:

Charles J. Lewis
Chief, Photogrammetric Branch

Chief, Nautical Chart Division

L. F. Woodcock
Chief, Photogrammetry Division