

T-10942

Original

10942

10942

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	PLANIMETRIC
Field No.	Office No. T-10942
LOCALITY	
State	ALABAMA
General locality	MOBILE BAY
Locality	EAST FOWL RIVER
1957 - 1960	
CHIEF OF PARTY	
Joseph K. Wilson, Chief of Field Party	
William R. Kachel, Tampa District Office	
LIBRARY & ARCHIVES	
DATE	FEB 4 - 1966

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T-10942

Project No. (II): PH-5704

Quadrangle Name (IV):

Field Office (II): Pascagoula Mississippi

Chief of Party: Joseph K. Wilson

Photogrammetric Office (III): Tampa Florida

Officer-in-Charge: William R. Kachel

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

JAN 12 1961

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): CROSS 1935

Lat.: 30°23'54.925" (1691.3m)

Long.: 88°10'13.080" (349.2m)

Adjusted
~~Uncorrected~~

Plane Coordinates (IV):

State: Alabama

Zone: West

Y= 145,577.77 Ft.

X= 288,673.42 Ft.

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

2.
U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Areas contoured by various personnel
(Show name within area)
(II) (III)

Inapplicable

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): J. K. Wilson
M. A. Stewart

Date: April 1959

Planetable contouring by (II): Inapplicable

Date:

Completion Surveys by (II): M. L. Olivier

Date: August 1960

Mean High Water Location (III) (State date and method of location): Air Photo Compilation
Date of Photography: 9 November 1957

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

Date: August 1959

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

Date: August 1959

Control plotted by (III): V. P. Cackowski

Date: September 1959

Control checked by (III): R. R. Wagner

Date: September 1959

Radial Plot of ~~Stereoscopic~~

Date: October 1959

~~Stereoscopic~~ by (III): R. R. Wagner

Planimetry
Stereoscopic Instrument compilation (III): Inapplicable
Contours

Date:

Date:

Manuscript delineated by (III): E. T. Ogilby

Date: December 1959

of compilation
Photogrammetric Office Review by (III): W. H. Shearouse

Date: January 1960

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

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

4.

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
56667	9 Nov. 1957	12:52	1:10,000	Inapplicable
56668	" "	12:53	"	"
56789	19 Nov. 1957	14:31	"	"
56790	" "	14:32	"	"
56858	" "	15:30	"	"
56859	" "	15:31	"	"

Inapplicable
Tide (III)

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)**
" " **Review by: W. H. Shearouse** " " "

Date: **Dec. 1960**
Dec. 1960

Drafting verified for reproduction by (IV):

Date:

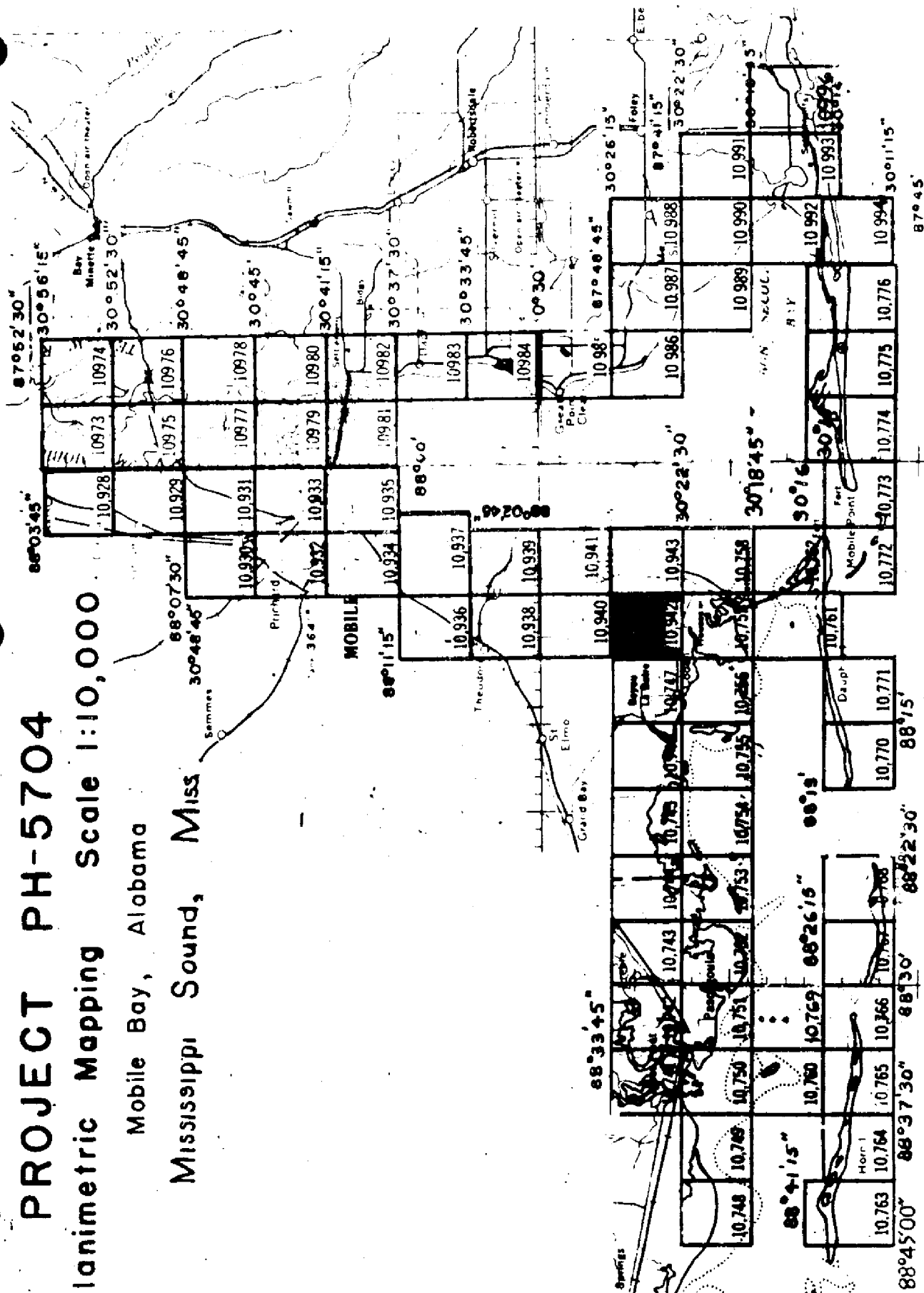
Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **16**
Shoreline (More than 200 meters to opposite shore) (III): **9**
~~Shoreline (Less than 200 meters to opposite shore) (III):~~
Control Leveling - Miles (II): **Inapplicable**
Number of Triangulation Stations searched for (II): **10** Recovered: **4**
Number of BMs searched for (II): **None** Recovered:
Number of Recoverable Photo Stations established (III): **None** Identified: **2**
Number of Temporary Photo Hydro Stations established (III): **None** Identified:

Remarks:

Mississippi Sound, Miss



FIELD INSPECTION REPORT
Project Ph-5704
Map T-10942

Please refer to the Field Inspection Report for Map T-10943 for all data pertaining to this map.

Submitted:

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

SCALE FACTOR

1 FT. = 3048006 METERS	DATE	CHECKED BY: <i>RLP</i>	DATE	COMM-DC-57843
COMPUTED BY: <i>RLP</i>				

COMPILATION REPORT T-10942PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-10757

31. DELINEATION

The graphic method was used. The photographs and field inspection were good.

32. CONTROL

Refer to Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None used.

34. CONTOURS AND DRAINAGE

Contours are inapplicable. Drainage including that in swamps was delineated by the field inspector, but when some of this inspection was disproved by details on other photographs, all the drainage that could not be seen was doubted. Only drainage verified by stereoscopic examination has been shown on the manuscript. Please refer to the letter dated 10 October 1960 on DRAINAGE, PH-5704, to Chief, Photogrammetry Division from Tampa District Officer for more information about this.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline and alongshore details were indicated by the field inspector. The inspection appears to be complete. There were no shoals or mean low-water lines shown.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

None.

10.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions were made with T-10940 to the north, T-10943 to the east, T-10757 to the south and T-10747 to the west which was compiled in the Baltimore Office.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with A.M.S. Quadrangle CEDAR POINT, ALA. 1954, scale 1:50,000 copied from USGS CEDAR POINT ALA. 1943 scale 1:62,500; also C&GS Compilation T-5533, 1935 scale 1:20,000. The discrepancies were minor and to be expected with the passage of time.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with C&GS Chart No 1266, 15th edition dated 16 Nov. 1959, scale 1:80,000. The discrepancies noted were to be expected.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

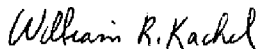
None.

ITEMS TO BE CARRIED FORWARD

None.


E. T. Ogilby
Cartographer (Photo)

APPROVED AND FORWARDED:


William R. Kachel
Chief of Party

11.
48. GEOGRAPHIC NAME LIST

The geographic names were taken from a Preliminary Name Sheet (quad. CEDAR POINT, ALA., 1:62,500) L. Heck of the W.O.; and the field inspectors notes on the CODEN (1:24,000, 7½ minute) quadrangle. This copy of the CODEN quadrangle is in the Baltimore Office.

ALABAMA

BAYOU JONAS
BELLINGRATH GARDENS

DELCHAMPS

EAST FOWL RIVER

FOWL RIVER

MON LOUIS ISLAND

STATE 59
STATE 188

THE NARROWS

WEST FOWL RIVER

Names approved
12-10-65
A. J. Wright

49. NOTES FOR THE HYDROGRAPHER

None.

50

PHOTOGRAMMETRIC OFFICE REVIEW

T- 10942

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) XX 7. Photo hydro stations XX 8. Bench marks XX
9. Plotting of sextant fixes XX 10. Photogrammetric plot report MMS 11. Detail points RRW

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline WHS 13. Low-water line XX 14. Rocks, shoals, etc. XX 15. Bridges XX 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
William H. Shearouse Reviewer

Milton M. Slavney
Supervisor, Review Section of Unit
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.

Robert P. Wagoner
Compiler

M. M. Slavney
Supervisor

43. Remarks:

13

Field Edit Report
(Shoreline)
Quadrangles T-10942, T-10943, T-10757, T-10758
Project PH-5704

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 sheet in red.

Field-edit information has been shown on field-edit sheets for T-10942, T-10943, T-10757, and T-10758.

52. Adequacy of compilation.

Map compilation appears complete and adequate.

53. Map accuracy.

The shoreline of the maps is accurate except for the minor changes since photography as shown on the field-edit sheet.

54. Recommendations.

There are no recommendations.

55. Examination of proof copy.

The following person is able to read a map of this area with assurance and has agreed to examine a proof copy of the map for possible errors: Byrd L. Moore, 36 N. Section Street, Fairhope, Alabama.

Submitted:

Michael L. Olivier
Michael L. Olivier

Photo Hydro Support Unit 720

Review Report
Planimetric Maps
T-10936 thru T-10943
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-3712	1:40,000	1918
T-3713	1:40,000	1918
T-3716	1:10,000	1919
T-5532	1:20,000	1934
T-5533	1:20,000	1934

There are cultural and shoreline changes due to the differences in time interval. T-10936 thru T-10943 are to supersede the above surveys of common area.

63. Comparison with Maps of Other Agencies

Theodore	1:24,000	1953
Hollingers	1:24,000	1953
Coden	1:24,000	1956
Bellefontaine	1:24,000	1956

See Item 46.

64. Comparison with Contemporary Hydrographic Surveys

H-8573	1:10,000	1961
H-8575	1:10,000	1961
H-8561	1:10,000	1961
H-8587	1:10,000	1961

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

65. Comparison with Nautical Charts

1266	1:80,000	1965
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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 L. Lamm
Chief, Photogrammetric Branch

Chief, Nautical Chart Division

L. J. Woodcock
Chief, Photogrammetry Division