ORIGINAL

T-10939

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey PLANIMETRIC

Field No. ..... *Office No.* T-10939

LOCALITY

State ALABAMA

General locality MOBILE BAY

Locality DEER RIVER

1957 - 1961

CHIEF OF PARTY

Joseph K. Wilson, Chief of Field Party

V.Ralph Sobieralski, Tampa District Officer

LIBRARY & ARCHIVES

DATE FEB 3

USCOMM-DC 5087

T-10939

T-10939

FORM 181
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T - 10939

Project No. (II): Ph-5704 Quadrangle Name (IV):

Field Office (II): Pascagoula, Mississippi Chief of Party: Joseph K. Wilson

Photogrammetric Office (III): Tampa District Office Officer-in-Charge: V. Ralph Sobieralski

Instructions dated (II) ~~XXX~~ 23 June 1958 (Field)
10 Feb. 1959 (Field Suppl. 1)
Copy filed in Division of Photogrammetry (IV)

(III) 7 April 1959 (Office)
9 September 1959 (Stereo Bridging)
17 Aug. 1959 (Office Suppl. 1)
6 October 1959 (Office Suppl. 1)
17 Aug. 1959 (Field Suppl. 2)
10 November 1959 (Field & Office Suppl. 3)
Location of Aids to Navigation dated 7 October 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): JUL 20 1961 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): 310-2 (AGS) 1940

Lat.: Long.: Adjusted
~~Unadjusted~~

Plane Coordinates (IV): State: ALABAMA Zone: WEST

Y= 185,994.90 Ft. X= 307,892.46 Ft.

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

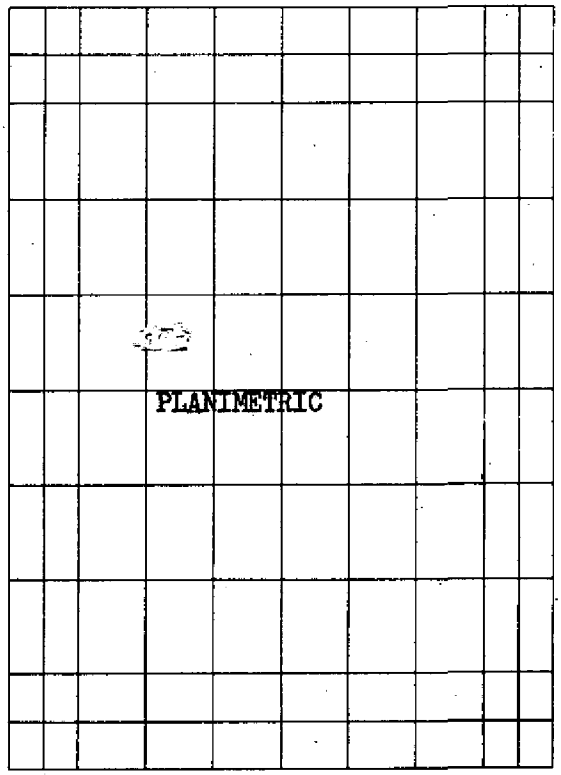
When entering names of personnel on this record give the surname and initials, not initials only.

COMM-DC-57842

FORM 181a
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD



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

Inapplicable

FORM 181b
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

3.

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): Wm. M. Reynolds
M. A. Stewart — Date: May 1959

Planetable contouring by (II): Inapplicable — Date:

Completion Surveys by (II): E. E. Brown — Date: March 1961

Mean High Water Location (III) (State date and method of location): Air Photo Compilation
Date of photography: 19 November 1957

Projection and Grids ruled by (IV): P. J. Dempsey (W.O.) — Date: Aug. 1959

Projection and Grids checked by (IV): R. D. Shoup (W.O.) — Date: Aug. 1959

Control plotted by (III): V. P. Cackowski — Date: Sept. 1959

Control checked by (III): R. R. Wagner — Date: Sept. 1959

Radial Plot ~~or Stereoscopic Control extension~~ by (III): R. R. Wagner — Date: Jan. 1960

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

Manuscript delineated by (III): E. T. Ogilby — Date: April 1960

Photogrammetric Office Review of compilation by (III): W. H. Shearouse — Date: May 1960

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

COMM-DC-57842

FORM 181c
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

4.

DESCRIPTIVE REPORT - DATA RECORD

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

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
56803	19 Nov. 1957	1442	1:10,000	+0.6
56804	"	1443	"	"

Predicted Tide (III)

Diurnal

Ratio of Ranges	Mean Range	Spring Range
	1.5	

Reference Station: MOBILE, MOBILE RIVER
Subordinate Station:
Subordinate Station:

Washington Office Review by (IV): Date:

Final Drafting by (XX): V. P. Cackowski (Tampa District Office) Date: May 1961
" " reviewed by: W. H. Shearouse, (Tampa District Office) May 1961
Drafting verified for reproduction by (IV): Date:

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): 9
Shoreline (More than 200 meters to opposite shore) (III): 8
~~Shoreline (Less than 200 meters to opposite shore) (III):~~
Control Leveling - Miles (II): Inapplicable
Number of Triangulation Stations searched for (II): 8 Recovered: 2 Identified: 3*
Number of BMs searched for (II): None Recovered: Identified:
Number of Recoverable Photo Stations established (III): 2
Number of Temporary Photo Hydro Stations established (III): None

Remarks:
*Reference Mark identified for one lost station

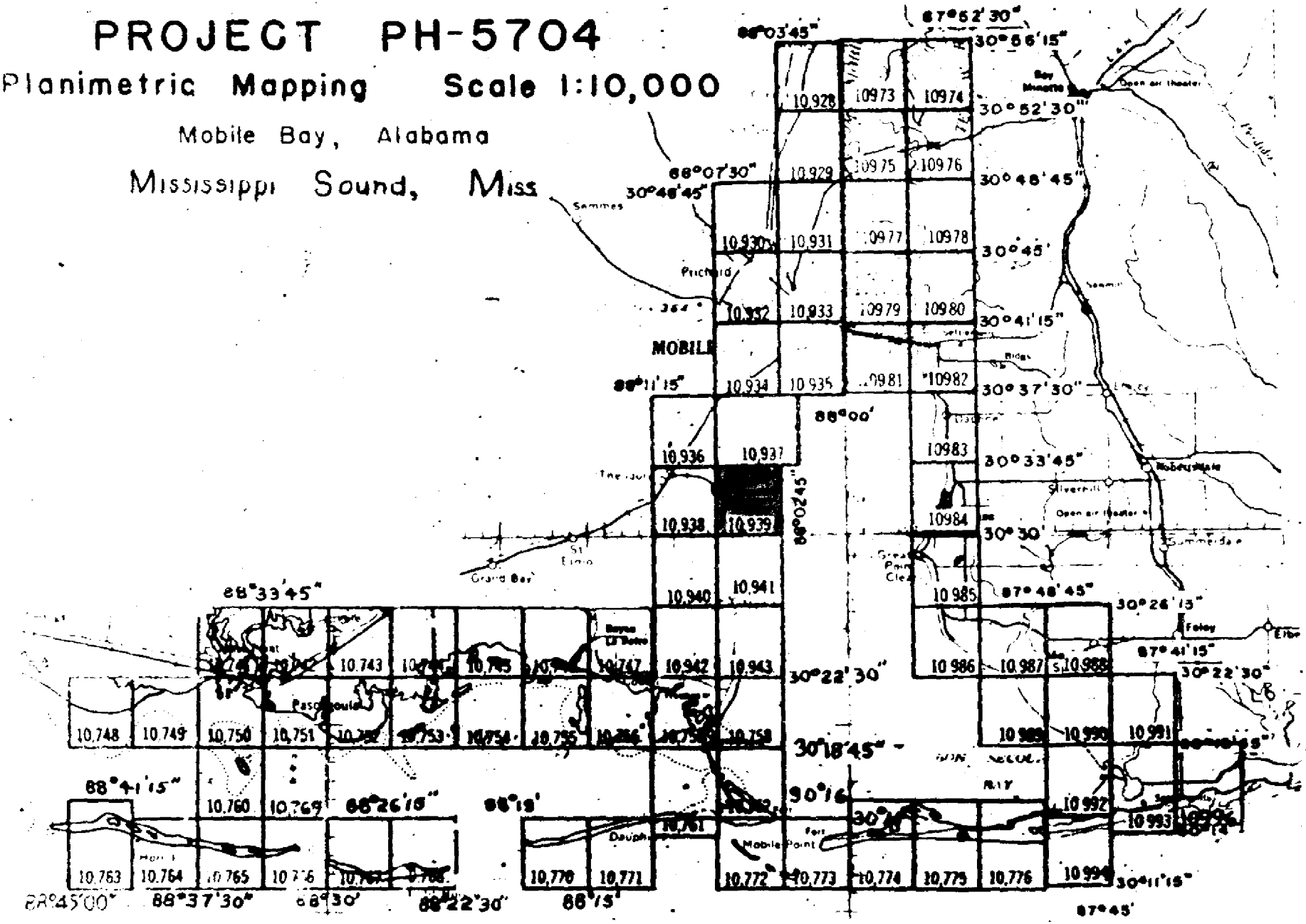
COMM-DC-57842

PROJECT PH-5704

Planimetric Mapping Scale 1:10,000

Mobile Bay, Alabama

Mississippi Sound, Miss



FIELD INSPECTION REPORT

Project Ph-5704

Maps T-10937 thru T-10939

2. AREAL FIELD INSPECTION

These maps are located along the western shore of Mobile Bay and just south of the city of Mobile.

There are no incorporated towns or airports within the limits of these maps.

The gulf-Mobile and Ohio Railroad has been discontinued. It has been shown as dismantled in places and in other areas it has been omitted as it is no longer a map feature. The Louisville and Nashville Railroad in map T-10938 is active.

The Theodore Army Terminal, two pieces of U S Air Force property and the south portion of Brookley Air Force Base are located within the limits of these maps.

The area is served by State Highway 59, 163 and U. S. Highway 90. Dog River runs through map T-10937.

Field Inspection has been accomplished on the following nine-lens photographs: 56783, 56784, 56785, 56803, 56804, 56805, 56806, 56807, 56850, 56851, 56852, 56853, 56854.

The 1957 nine-lens photographs were of fair quality. Some prints were very clear while others were distorted. The field inspection is believed to be complete and all phases adequately indicated.

3. HORIZONTAL CONTROL

All coast and Geodetic Survey and Alabama Geodetic Survey stations have been searched for and reported on form 526.

The following stations have been reported on form 526 as "destroyed", "lost" or "not recovered":

T-10937

DOG RIVER BEACON ECC., 1935
310-6, Ala. Geod. S., 1940
312-3, Ala. Geod. S., 1939
312-4, Ala. Geod. S., 1939
330-2, Ala. Geod. S., 1940

T-10938

300-8, Ala. Geod. S., 1939
300-9, Ala. Geod. S., 1939
302-1, Ala. Geod. S., 1940
302-2, Ala. Geod. S., 1940
307-1, Ala. Geod. S., 1940
323-2, Ala. Geod. S., 1940
332-1, Ala. Geod. S., 1940
332-2, Ala. Geod. S., 1940

T-10939

310-3, Ala. Geod. S., 1940
310-4, Ala. Geod. S., 1940
332-4, Ala. Geod. S., 1940
332-5, Ala. Geod. S., 1940

Two substitute points were identified for station McGOWIN, 1935. Either of which are believed to be adequate, however substitute point No. 1 is probably the weaker of the two.

There was no supplemental control established.

4. VERTICAL CONTROL

There are no tidal bench marks within the limits of these sheets.

5. CONTOURS AND DRAINAGE

Contouring is inapplicable.

The drainage has been delineated throughout the limits of these maps. In many areas there is no definite drainage due to the flatness of the land.

All drainage, within this area, is toward either Mobile Bay, Dog River, Deer River or Fowl River.

6. WOODLAND COVER

The cover was classified in accordance with Project Instructions and the Topographic Manual. The field inspector has shown in its entirety all swamp and marsh limits. As a whole, the distancton between marsh and swamp can be easily seen. Areas which photographed gray, are sometimes swamp or marsh. Other areas which photographed white are either marsh or fast land.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high-water line is both apparent and fast. It has been shown in accordance with symbols as specified in the Topographic Manual. The shoreline was inspected by skiff or by walking along the shore.

The low-water line was not determined. The land area along Mobile Bay is about 6 to 12 feet above sea level. There is little or no foreshore.

All Docks, wharves, piers, etc. have been indicated on the photographs. Submarine and overhead cables, crossing navigable waters, have been shown on the photographs.

Shoreline Inspection has been shown on the following nine-lens photographs: 56803, 56804, 56805, 56806, 56807, 56849, 56850, 56851, 56852, 56853, 56854.

8. OFFSHORE FEATURES

Several piling have been shown on the photographs. No other offshore features were noted.

9. LANDMARKS AND AIDS

There are no landmarks for Nautical Charts within this area.

Several fixed aids to Navigation were identified. Fixed aids, which could be identified by the direct method, are shown on the photographs while single pile structures, which could not be seen on the photographs, were located by sextant fixes. Form 567 will be submitted for these aids at a later date.

There are no aeronautical aids.

10. BOUNDARIES, MONUMENTS AND LINES

Boundary limits have been shown on the photographs for the Theodore Army Terminal, portion of Brookley Air Force Base, and two U. S. Air force properties. A map of the Theodore Army Terminal, showing its boundary limits, is included with the map data. The limits of this reservation have been shown on the photographs throughout, however, the compiler should make any small necessary adjustments which can be taken from the boundary map.

11. OTHER CONTROL

There were no monumented topographic stations established.

There were no photo-hydro objects identified.

12. OTHER INTERIOR FEATURES

Roads and buildings have been classified on the photographs in accordance with Photogrammetric Instructions 54 and 56.

In accordance with project Instructions, there were no bridge clearances measured.

13. GEOGRAPHIC NAMES

A systematic Geographic Names Investigation was not required. There were no name discrepancies noted other than the new names of the federal properties discussed under paragraph 10.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Geographic Names Report, Part 1 and 2, Project Ph-5704; submitted to Washington 1-22-59.

Transmittal of maps T-10940 thru T-10943 to Washington on 4-21-59.

Submitted; 21 May 1959

Joseph K. Wilson

Joseph K. Wilson
Chief of Party

FORM 164 (4-23-54)

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

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10939 PROJECT NO. Ph-5704 SCALE OF MAP 1:10,000 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 FORWARD	(BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)
DEER R.M 2, 1935	comp	N.A. 1927	30 32. ✓ 88 04 ✓				629.7 ✓ 1478.5 ✓		✓	
REYNALDS R.M 2, 1935	"	"	30 30 ✓ 88 06 ✓				597.9 ✓ 244.1 ✓		✓	
310-2 (AGS) 1940	A.G.P. page 33	"	y = 185,994.90 ft ✓ x = 307,892.46 ft ✓	56691.4 ✓ 99845.8 ✓					✓ UPC 23 RPW Sept 59	
310-3 (AGS) 1940	"	"	y = 194,414.80 ft. ✓ x = 308,539.22 ft. ✓	59257.7 ✓ 94042.9 ✓					✓	
310-4 (AGS) 1940	"	"	y = 197,314.34 ft. ✓ x = 310,185.59 ft. ✓	60141.5 ✓ 94544.8 ✓					✓	
333-1 (AGS) 1940	AGP. page 48	"	y = 182,814.84 ft. ✓ x = 304,485.39 ft. ✓	55722.1 ✓ 92807.3 ✓					✓	
332-5 (AGS) 1940	" 35	"	y = 200,936.95 ft ✓ x = 312,213.89 ft. ✓	61245.7 ✓ 95163.0 ✓		Not Plotted			✓	
332-4 (AGS) 1940	"	"	201,450.38 ✓ 303,242.50 ✓	6 | 1402.2 ✓ 9 | 2428.5 ✓					✓	
ISLAND 1959	field pos ✓		30 31 14.04 ✓ 88 05 04.38 ✓				432.3 (1415.3) ✓ 116.8 (1482.9) ✓		PJP PC 6/28/60 - PJP " "	
Theodore, U.S. Army Terminal Water Tank	field pos	NA 1927	30 32 56.33 ✓ 88 06 40.68 ✓				17346 (113.0) ✓ 1084.2 (514.9) ✓		PJP PC 6/29/60 - PJP " "	

1 FT. = .3048006 METER

COMPUTED BY: RES DATE 17 Sept 1959 CHECKED BY: HS DATE 18 Sept 59

COMM-OC-57843

COMPILATION REPORT T-10939

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-10928.

31. DELINEATION

The graphic method was used. The field inspection was adequate except for the drainage problems discussed under Item 34. The nine-lens photographs were of fair scale and a flight of single-lens infragon "L" series photography was used to assist in the interpretation of the shoreline.

32. CONTROL

See photogrammetric plot report.

33. SUPPLEMENTAL DATA

Plan of Theodore Army Terminal - see Item 41.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

The drainage was delineated by the field inspector which proved to be "sketched", in the dense swamps. In a number of places throughout the project this sketching was found to be in error, which cast doubt on all such streams. Therefore, only the drainage positively identified by stereoscopic examination has been shown on the map manuscript. Please refer to a letter dated 10 October 1960 on DRAINAGE, Ph-5704, to Chief, Photogrammetry Division from Tampa District Officer, a copy of which is enclosed herewith.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline and alongshore details were indicated on the photographs by the field inspector. The low-water line was from office interpretation.

36. OFFSHORE DETAILS

Located from the photographs without difficulty.

Tampa District Office
P. O. Box 190 Tampa 1 Florida

10 October 1960

To: Chief, Photogrammetry Division
Coast and Geodetic Survey
Washington, D. C.

Subject: Drainage - PH-5704 MOBILE BAY

The greater portion of the drainage in subject project consists of narrow fingers of swamp (500-1500 Ft. wide) with a perennial stream meandering through the swamp. The field inspector has complied with project instructions by delineating this drainage on the field photographs. Due to the density of the swamp trees, it is impossible to see the stream beds except for occasional short stretches.

We have carefully examined all the streams under the stereoscope on various office photographs. Comparison with the U. S. Geological Survey quadrangles indicates their drainage delineation to be more accurate than our field party's delineation. (Reference copy of memorandum to Wilson attached). One sample area has been returned to the field party and our conclusions were verified for that one particular stream.

We do not believe the streams warrant the expense of the field party traversing them for accurate location, neither do we believe that they should be mapped unless their position is fairly accurate. It appears that this drainage has been delineated on the field photographs without an adequate check with U.S.G.S. quadrangles and/or actual field investigation even though considerable time was probably spent on this phase of the field work. Considerable time has also been spent studying these discrepancies in the office.

It is suggested that the field parties be informed of a definite policy on how much time should be spent on accurately locating drainage, omitting it entirely, or using P.D.U.

On this project, since the narrow fingers of swamp indicate the drainage pattern fairly well, and the streams can be identified only in short stretches, we are omitting them as a whole.

Survey T-10938 is being scribed and will be forwarded in approximately four (4) weeks. The foregoing discrepancies will be noted on various field photographs for your attention.

It is thought that bringing this matter to your attention might eliminate similar difficulties in future projects.

(signed) William R. Kachel
LCDR, C&GS
Tampa District Officer

WAR/o

37. LANDMARKS AND AIDS

There are no landmarks.

Form 567 for nonfloating aids to navigation was submitted to the Washington Office under date of 15 July 1960.

38. CONTROL FOR FUTURE SURVEYS

One topographic station was established. This station was identified on the field photograph but was not listed in Item 11. It was used to locate daybeacons from sextant fixes however and is included in Item 49.

39. JUNCTIONS

Junctions were made with T-10937 to the north, T-10938 to the west and T-10941 to the south. Mobile Bay lies to the east.

40. HORIZONTAL AND VERTICAL CONTROL

No statement.

41. BOUNDARIES

The boundary of Theodore Army Terminal was delineated from the field inspection on photographs 56802 and 56852. The map of this reservation mentioned in Item 10 was not received with the project data. A copy was obtained later which proved the delineation to be substantially correct.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with C&GS Air Photo Compilation T-5532, DOG RIVER AND VICINITY, 1935, scale 1:20,000; and USGS Quadrangle HOLLINGERS ISLAND, dated 1953, scale 1:24,000. The comparison was favorable and the changes were to be expected because of the difference in dates.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with C&GS Chart 1266, scale 1:80,000, dated January 1961, corrected to 11 February 1961, and found to be favorable. The source of the topography for the chart appears to be the maps listed under Item 46.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

William A. Rasure
for E. T. Ogilby
Cartographer (Photo)

APPROVED AND FORWARDED

V. Ralph Sobieralski

V. Ralph Sobieralski
Tampa District Officer

48. GEOGRAPHIC NAME LIST

Geographic names were taken from the HOLLINGER'S ISLAND quadrangle (see Item 46).

ALABAMA
ALLIGATOR BAYOU

BELLEFONTAINE

CEDAR POINT ROAD

DEER RIVER
DEER RIVER POINT

HAMMOCK ROAD
HOLLINGERS ISLAND CHANNEL
HOLLINGERS ISLAND (ISLAND)
HOLLINGERS ISLAND (TOWN)
HOLLINGERS ISLAND SCHOOL

ISLAND ROAD

LAURENDINE ROAD
LOUISVILLE AND NASHVILLE RAILROAD

MIDDLE FORK DEER RIVER
MOBILE BAY
MOBILE COUNTY

NORTH FORK DEER RIVER

SOUTH FORK DEER RIVER
ST. PHILIPS CHURCH
STATE 163

THEODORE ARMY TERMINAL

All names checked
and approved
12-10-65
A. J. Wright

49. NOTES FOR THE HYDROGRAPHER

One topographic station was established. It is a natural object:

WATER CISTERN, 1960

FORM 182
(6-12-56)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

50

PHOTOGRAMMETRIC OFFICE REVIEW OF ADVANCE MANUSCRIPT

T- 10939

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 WHS 11. Detail points WHS

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline WHS 13. Low-water line WHS 14. Rocks, shoals, etc. WHS 15. Bridges XX 16. Aids to navigation WHS 17. Landmarks None 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 MMS 38. Field inspection photographs WHS 39. Forms WHS
40. William H. Shearouse — Reviewer; Milton M. Slavney — Supervisor, Review Section or Unit
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.

William A. Rasure
for R. R. Wagner — Compiler

Milton M. Slavney — Supervisor

43. Remarks:

COMM-DC 34529

Field Edit Report
(Shoreline)
Maps T-10938, T-10939, T-10940, & T-10941
Project Ph-5704

51. Methods

The shoreline was inspected by truck, skiff, and walking along the beach. The distance to the MHWL was spot checked at intervals from points of known location and found to be correct and adequate, except where noted on enclosed ozalids copies of the map manuscripts.

Ozalid copies of T-10939 and T-10941 are enclosed with this report. Corrections and additions are shown in red ink and deletions in green on the ozalid prints.

52. Adequancy of Compilation

The map compilation appears complete and adequate.

53. Map Accuracy

The shoreline of the maps is accurate, except for the changes since photography, as shown on the field edit ozalids.

54. Recommendations

There are no recommendations.

55. Examination of Proof Copy

No one was contacted to examine a proof copy of the map.

Submitted: 21 March 1961

Ernest E. Brown

Ernest E. Brown, ENS, C&GS
Photo-Hydro Support Unit 721

TIDE COMPUTATION

PROJECT NO. Ph-5704 T- 10939

Time and date of exposure 1442 19 Nov 1957 — Reference station Mobile, Mobile River — Mean range Diurnal 1.5

Date of field inspection April 1969 — Subordinate station — Ratio of ranges

	Time h.	Time m.
High tide	22	03
Low tide	8	33
Duration of rise or fall	13	30

	Height feet	Height x Ratio of ranges
High tide	1.5	
Low tide	-0.2	
Range of tide		1.7

	Time h.	Time m.
High tide at Ref. Sta.		
Time difference		
Corrected time at Subordinate station		

	Time h.	Time m.
Low tide at Ref. Sta.		
Time difference		
Corrected time at Subordinate station		

	h. m.		feet		feet	Photo. No.
Time ~~H. T.~~ or L. T. Required time Interval	8 33 14 42 6 09	Ht. ~~H. T.~~ or L. T. Tabular correction Stage of tide above MLW	-0.2 0.8 0.6	Feature bares Stage of tide above MLW Feature above MLW		56803 56804
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		

M-2617-12

Computed by E T — Checked by WHS

NOTES TO THE WASHINGTON OFFICE REVIEWER

A large number of buildings and short roads noted by the field inspector were omitted. It is our belief that this is in accordance with current instructions. (Please refer to Photogrammetry Instructions No. 54 regarding buildings and the letter of 10 June 1960 from the Chief, Photogrammetry Division regarding short roads.) The field editor was requested to make further investigation and has verified our interpretation.

TAMPA

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-19036 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

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

Approved by:

Chief, Photogrammetric Branch

Chief, Nautical Chart Division

Chief, Photogrammetry Division