

10757

Original

25201

10757

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	Planimetric
Field No.	Office No. T-10757
LOCALITY	
State	Alabama
General locality	Mississippi Sound
Locality	Heron Bayou
1957-1960	
CHIEF OF PARTY	
Roger F. Lanier, Chief of Field Party	
William R. Kachel, Tampa District Office	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T -10757

Project No. (II): Ph-5704

Quadrangle Name (IV):

Field Office (II): Pascagoula, Mississippi

Chief of Party: Roger F. Lanier

Photogrammetric Office (III): Tampa, Fla.

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

Date received in Washington Office (IV):

JAN 12 1961 (Final April 15, 1968)

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):

MOBILE RADIO ANTENNA WLO 1958 (Reported "Destroyed" by Field Editor in Sept 1960)

Lat.: 30°20'04.869" (149.9 m)

Long.: 88°07'48.309" (1290.4 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): **Leo F. Beugnet**

Date: **September 1958**

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: November 9, 1957
and November 19, 1957

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

Date: **December 1958**

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

Date: **March 1959**

Control plotted by (III): **R. J. Pate**

Date: **April 1959**

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

Date: **April 1959**

Radial Plot ~~on Stereoscopic~~

Date: **September 1959**

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

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

Date:

Date:

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

Date: **November 1959**

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

Date: **December 1959**

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

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

Number	Date	Time	Scale	Stage of Tide
56675	Nov. 9, 1957	13:00	1:10,000	Inshore
56676	" "	13:01	"	"
56793	Nov. 19, 1957	14:33	"	+ 0.8
56860	" "	15:31	"	"
56861	" "	15:32	"	"
56862	" "	15:32	"	"

Predicted Tide (III)

Reference Station: **Mobile**
Subordinate Station: **Mobile Pt. (Fort Morgan)**
Subordinate Station:

Diurnal		
Ratio of	Mean	Spring
Ranges	Range	Range
	1.5	
	1.2	

Washington Office Review by (IV): *Leo F. Beugnot, Atlantic Marine Center* Date: *Dec. 1967*

Final Drafting by (IV): **V. P. Cackowski, Tampa District Office**
" " **Review by: W. H. Shearouse** " " "

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

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **11**Shoreline (More than 200 meters to opposite shore) (III): **26**~~Shoreline (Less than 200 meters to opposite shore) (III):~~Control Leveling - Miles (II): **Inapplicable**Number of Triangulation Stations searched for (II): **10**Recovered: **3**Identified: **3**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 (1) third-order triangulation - intersection station established.***This station was reported destroyed by Field Editor in 1960*

4

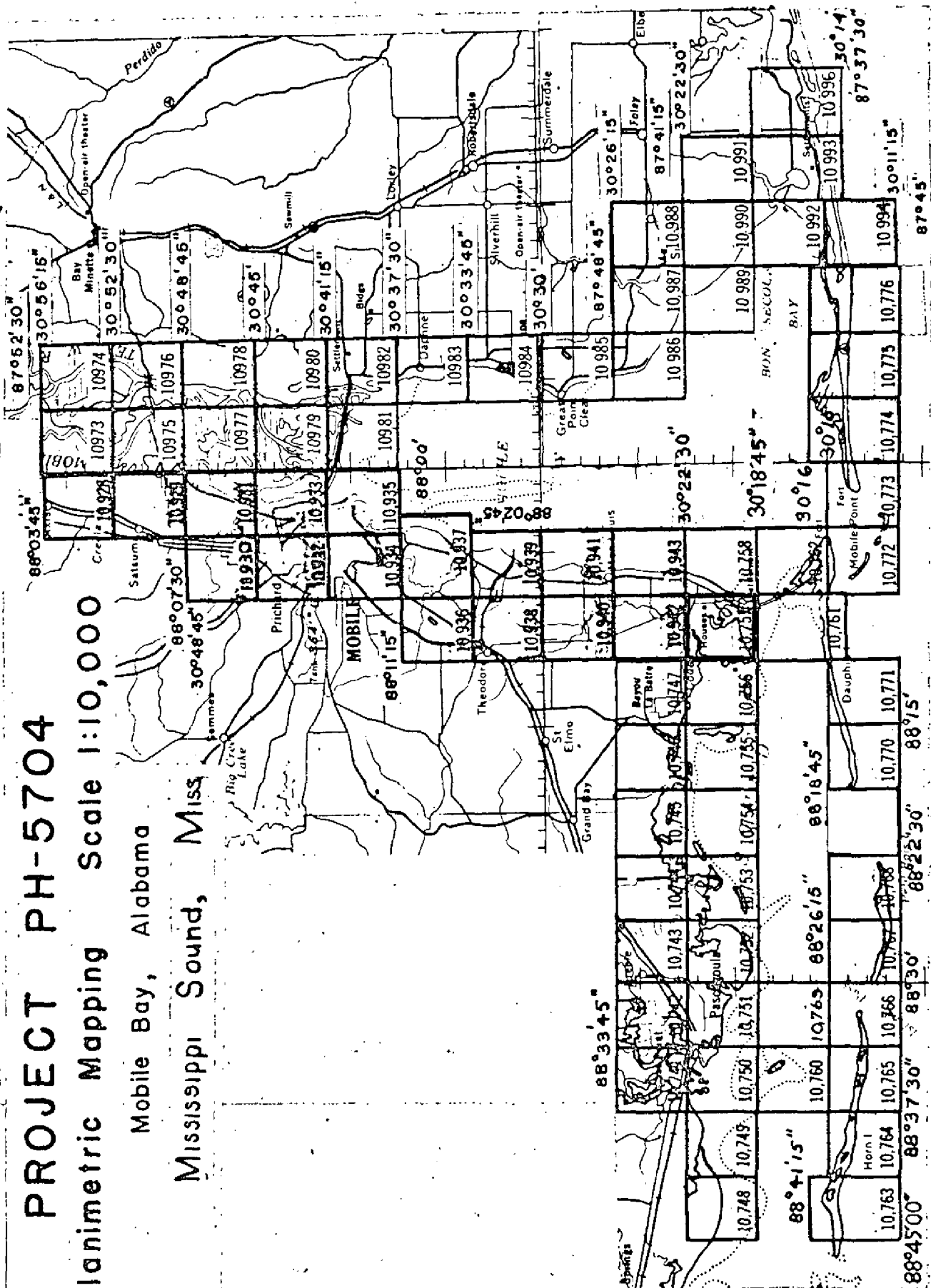
T-10757

COMPILATION RECORD	COMPLETION DATE	REMARKS
Field Inspection	September 1958	
Compilation	November 1959	
Field Edit	August 1960	
Final Review	December 1967	

Planimetric Mapping

Mobile Bay, Alabama

Mississippi Sound, Miss



6

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-10757

Planimetric Survey T-10757 is one of seventy-four similar surveys in Project PH-5704. It covers a part of the north shore of Mississippi Sound in the area of Heron Bay and a small part of the west shore of Mobile Bay.

Field work preceding compilation consisted of recovery and identification of horizontal control, shoreline and field inspection, investigation of Geographic Names and Report on Boundaries.

Compilation was at 1:10,000 scale by graphic methods using the 9 lens photography of November 1957. Cronaflex copies of the manuscript along with specially prepared photographs, and ozalid prints were furnished for preparation of the hydrographers boatsheet, location of hydrographic signals and for field edit use.

The manuscript is a vinylite sheet which was scribed and reproduced on cronaflex. One cronar positive and one cronar negative are provided for record and registry.

FIELD INSPECTION REPORT
Maps T-10746, T-10747, T-10755 through T-10758
Project Ph-5704

2. Areal Field Inspection These maps are located in southwestern Alabama along the northern side of Mississippi Sound and the west side of Mobile Bay. The land area is the mainland along the sound and several offshore islands. The area is sparsely settled except for several small villages, Bayou La Batre, Coden and Heron Bay. Bayou La Batre is the only incorporated village in the area. The principal industries are shrimp fishing and oystering. The shrimp and oyster fleets base out of Bayou La Batre and Coden. The area is accessible by shallow draft boats and an adequate network of hard-surfaced highways.

The offshore islands are un-inhabited and are entirely marsh except for sand or shell fringes along the edges.

Field inspection is believed complete and no items were deliberately left for field edit.

Photography was of fairly recent date and of good quality. The usual tone changes were evident on the photographs, white in sand or shell areas, grey in marsh and open, uncultivated areas and black in the wooded areas. Attention is called to the areas of grass in water and marsh. The difference in tone is indefinite and considerable time was spent walking along the shore in order to indicate the apparent shoreline on the photographs. It is believed the correct line has been indicated. The black tones, in the marsh areas, are covered by much higher grass than the grey tones. The grass along the edges of the marsh also appear to have increased in density since photography. Field inspection notes appear on the following nine-lens photographs, 56586 through 56591, 56662 through 56666, 56668, 56677 through 56680, 56751 through 56755, 56788, 56790, 56792, 56793 and 56860 through 56862.

3. Horizontal Control All Coast and Geodetic Survey control was searched for and where recovered was identified to control the plot.

A small scheme of third-order triangulation was observed. The following stations were established, MARSH, MURDER 2, Miss. Sound, Bayou Coden Channel Leading Light, Miss. Sound, Bayou La Batre Light 2, Miss. Sound, Bayou La Batre Light 6, Miss. Sound Bayou La Batre Range Front Light, Miss. Sound, Bayou La Batre Range Rear Light and Mobile Marine Radio Antenna WLO.

The following third-order traverse stations established by the Alabama Geodetic Survey were recovered and identified, 304-2, 304-9, 304-10, 318-3, 318-6, 318-13, 325-4, 328-2, 334-1 and 334-2.

The following stations were reported lost, CAT 2 1935, MURDER 1910, NEGRO 1910, Hotel Center Gable 1910, IN 1910, East End First Shack 1910, East End Second Shack 1910, East End Third Shack 1910, Port Chimney 1910, LIT 1910, LIGHT 1910, TREE 1910, Y TREE 1910, BAR 1910, JULES HOUSE SOUTHEAST GABLE 1910, HERON 1910, RAN 1910, EAST CHIMNEY (THREE DECKER) 1910, Bayou La Batre Beacon No. 2 1935, Bayou La Batre Beacon No. 4 1935, 205-5 1940, 301-1 1940, 301-2 1940, 304-1 1940, 304-2 1940, 304-4 1940, 315-2 1940, 318-4 1940, 318-7 1940, 318-8 1940, 318-9 1940, 318-10 1940, 318-12 1940, 328-1 1940, 328-3 1940, 328-4 1940, 328-5 1940, 329-3 1940, 329-4 1940 and 334-1 1940.

The following stations were reported lost but were identified. CAT 1935 and JULIET 1910 reference marks were identified in lieu of the stations. The monuments at stations 304-2 and 334-1 were broken off but were identified. The disk had been removed from 329-2 but the station was identified.

4. Vertical Control Two tidal bench marks were recovered and identified. The marks are Alabama Port, Mobile Bay Bench Mark 1 or X 11 (1918) and Bayou La Batre Tidal BM 2 10 (1918). No other control was searched for.

5. Contours and Drainage Contours are inapplicable. The short streams inland from the shore are self-evident from the photographs.

6. Woodland Cover Adequately covered by the Photographs.

7. Shoreline and Alongshore Features The mean high water line and apparent shoreline was inspected by skiff and walking along the shore. Several different tones were noted as marsh. Some of the difference is due to different heights and density of the grass. The only difficulty was in determining the line between marsh and grass in water. These areas were carefully inspected and correctly indicated on the photographs.

The approximate low water line was indicated around two bars on photographs 56664 and 56677.

There are no bluffs or cliffs.

~~* See 1959 Form 526, "JULIET" is Destroyed.~~
~~See Photogrammetric Plot Report.~~

All docks, wharves and piers have been indicated on the photographs.

Shoreline inspection notes have been indicated on the following photographs, 56662 through 56664, 56677 through 56679, 56751, 56752, 56754, 56755, 56793, 56860, 56861 and 56862.

8. Offshore Features There are none.

9. Landmarks and Aids There are no landmarks for nautical charts in this area.

There are no aeronautical aids in the area.

Fixed aids to navigation were located by three methods, triangulation or direct photograph identification. The daybeacons along Bayou LaBatre were visible on one photograph. An angle and distance, from a photo point, were observed as a check on their location. The daybeacons along Bayou Coden were located by angle and distance from identifiable photo points.

10. Boundaries, Monuments and Lines The only boundaries affecting these maps are the corporate limits of Bayou La Batre. These will be submitted at a later date.

11. Other Interior Features All roads have been classified on the field inspection photographs.

Buildings were field inspected and have been indicated on the photographs.

Measurement of bridges and cables was not required by the project instructions.

There are no airports or landing fields.

12. Other Control The recovered and established horizontal control filled the requirements for spacing stations.

13. Geographic Names See Special Report Geographic Names Project Ph-5704. The report will be submitted at a later date.

14. Special Reports and Supplemental Data

Special Report Geographic Names, Project Ph-5704. The report will be submitted at a later date.

Special Report, Boundaries, Project Ph-5704. The report
will be submitted at a later date.

Submitted:

William M. Reynolds
William M. Reynolds
Cartographer

Approved and Forwarded:

Roger F. Lanier
Roger F. Lanier
Chief of Party

RFL/sgn

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T-10757

PROJECT NO. 5704

SCALE OF MAP 1:10,000

SCALE FACTOR —

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR λ -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
				FORWARD	(BACK)	FORWARD	(BACK)	FORWARD	(BACK)
HOSTILE MARINE RADIO ANTENNA WLD 1958 *	Grid comp	N.A. 1927	30 20 04.869 88 07 48.309			149.9 (1197.7)	1290.4 (312.3)	1.000	1.000
304-9 ALA. GEOD. SUR. **	County 46	"	137,284.81 293.273.02	4 1804.5 8 9389.8	"	Day 1 show on		"	"
304-10 ALA. GEOD. SUR. ***	County 46	"	135,643.32 297,365.95	4 1344.2 9 0637.5	"	(manuscript position)		"	"
* STATION REPORTED DESTROYED BY FIELD EDITOR									
** OUTSIDE MAP LIMITS									
*** NOT PLOTTED									
SGB									

1 FT = 3048006 METER
COMPUTED BY: R.R. W.

DATE 4-26-59

CHECKED BY: R.9. Pate

COM. DC. 57643

DATE 4-26-59

(11)

PHOTOGRAMMETRIC PLOT REPORT

21. AREA COVERED

Photogrammetric Plot No. 1 of Ph-5704 was for the entrance to Mobile Bay and all of Dauphin Island (manuscripts T-10757, T-10758, T-10761, T-10762, T-10770 through T-10772), and also eastward along a narrow peninsula between Bon Secour Bay and the Gulf of Mexico (manuscripts T-10773 through T-10776).

The sketch on page 14 of this report shows the arrangement of manuscripts, the identified control, index of control, photograph centers and the adjoining manuscripts.

22. METHOD

Radial Plot:

Map manuscripts: -- The projections are 3'45" in latitude and longitude with the exceptions of T-10774 through T-10776 which are 4'45" in latitude. The western limit of T-10770 was extended to 88°19'. See letter (copy attached) to Chief, Photogrammetry Division, dated 17 September 1959. The northern limit of T-10771 was extended to 30°15'30" to accommodate detail in this area.

The plot was run on the joined manuscripts.

Photographs: -- The nine-lens photographs of 19 November 1957 at a scale of 1:10,000 were used to run the plot.

Contact single-lens infra red photographs were taken simultaneously with the nine-lens photographs with Camera "L" being used.

Only those single-lens photographs were located where it was believed they would aid the compiler in locating the photo-hydro stations. They were fixed in position by holding pass points located by the nine-lens photographs.

Templets: -- Vinylite templets were made from nine-lens photographs using master templet 53605 (1956-1957) for correction of transforming errors and paper distortion.

Closure and adjustment to control: -- The plot was run from east to west with conventional methods being used. Two Alabama Geodetic Survey control stations could not be held in the plot. See letter (copy attached) to Chief, Photogrammetry Division, dated 8 September 1959.

23. ADEQUACY OF CONTROL

The control was adequate and all of it was positively identified. In the northern part of T-10758, it could not be determined which of two stations was in error, and MON LOUIS RM 2 1930 and JULIET R.M.A. 1910 were returned to the field for verification. It was found that JULIET R.M."A" actually had been destroyed at the time of the original identification and should not have been identified. (See 1959 recovery). A new substitute station was located for MON LOUIS and was held in the plot.

24. SUPPLEMENTAL DATA

None.

25. PHOTOGRAPHY

The nine-lens photographs gave adequate coverage, however the quality of the photographs was poor. Most of the photographs have a muddy appearance and on 56758 three fiducial marks were missing in the wing chambers. See attached letter dated 1 September 1959, Subject "Washboard Affect of nine-lens photographs".

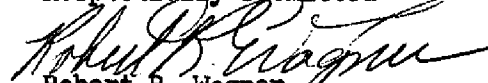
None of the photographs were sufficiently tilted to justify special measures.

26. GENERAL

Dates of completion of the photogrammetric plot by maps are as follows:

T-10757	8 September 1959	T-10772	28 August 1959
T-10758	8 September 1959	T-10773	14 August 1959
T-10761	3 September 1959	T-10774	14 August 1959
T-10762	4 September 1959	T-10775	13 August 1959
T-10770	21 September 1959	T-10776	13 August 1959
T-10771	21 September 1959		

Respectfully submitted


Robert R. Wagner
Cartographer(Photo)

APPROVED & FORWARDED

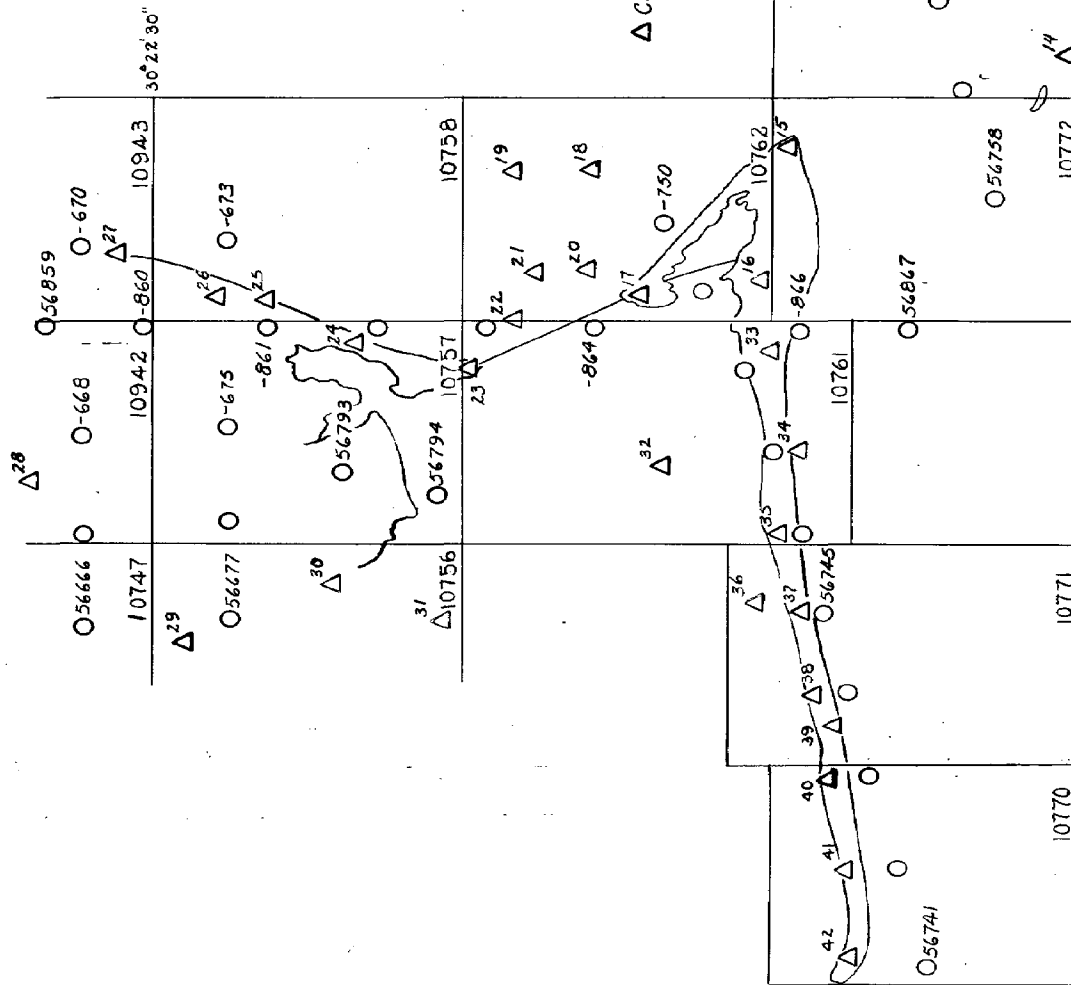


for Arthur L. Wardwell
Tampa District Officer

Sketch For Report On Radial Plot No. 1 Ph 5704

CONTROL STATIONS

1. Sub Sta SEMOUR 1935
2. Sub Sta BANK 1918, 1940
3. Sub Sta COLLINS 1935
4. Sub Stations 197 and 196 (Ala Geod Sur) 1939
5. Sub Sta WIRTH 1935
6. Sub Sta 577 (Ala Geod Sur) 1939
7. LEAP 2 1934 (Sub Sta)
8. INTRACOASTAL WATERWAY PENSACOLA-MOBILE LT 267 1958
9. INTRACOASTAL WATERWAY PENSACOLA-MOBILE LT 277 1958
10. Sub Sta 580 (Ala Geod Sur) 1939
11. Sub Sta 595 (Ala Geod Sur) 1939
12. Sub Sta 597 (Ala Geod Sur) 1939
13. MOBILE POINT RANGE REAR LT 1958
14. SAND ISLAND LIGHTHOUSE 1930
15. Sub Sta FORT GAINES (USE) 1958
16. DAUPHIN ISLAND WATER TANK 1958
17. Sub Sta PERCY 1935
18. MOBILE BAY PASS AUX HERONS LIGHT 2 1958
19. MOBILE BAY PASS AUX HERONS LEADING LT B 1958
20. MOBILE BAY PASS AUX HERONS LIGHT 18 1958
21. MOBILE BAY PASS AUX HERONS RANGE A FRONT LT 1958
22. MOBILE BAY PASS AUX HERONS RANGE A REAR LT 1958
23. CEAR 3 1958
24. Sub Sta MOBILE MARINE RADIO ANTENNA MO 1958
25. Sub Sta 329-1 (Ala Geod Sur) 1940
26. Sub Sta MON LOUIS REAR 1930
27. Sub Sta JULIET RM A 1910 (BNA destroyed)
28. Sub Sta CROSS 1945
29. Sub Sta MCLEROD 1935
30. Sub Sta WARDER 2 1958
31. Sub Sta CAT 2 RM 2 1935
32. INTRACOASTAL WATERWAY MISS SOUND RGE. D REAR LT 1958
33. Sub Sta HERON 1935
34. Topo Sta POND 1958
35. Sub Sta MID 1935
36. PASS AUX HERONS RANGE C REAR LT 1958
37. LAND 1958
38. Topo Sta ISLE 1958
39. Sub Sta DAUPHIN I. WEST BASIS 1847
40. DON 3 1958
41. Topo Sta SAND 1958
42. DAUPHIN 1935



COMPILATION REPORT T-1075731. DELINEATION

Compiled graphically.

The photographs were of reasonably good scale, however some tilt existed in all.

The field inspection was adequate.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

All drainage was visible or indicated by the field inspector.

35. SHORELINE AND ALONGSHORE DETAILS

The majority of the shoreline is apparent. No shoal or low-water lines were indicated by the field inspector and none were apparent on the photographs. All piers, bulkheads and other shore structures have been delineated according to inspection notes.

Shoreline inspection was adequate.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

Form 567 for two aids were forwarded to Washington on 15 July 1960. No landmarks were recommended.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

A satisfactory junction has been secured with T-10942 on the north, T-10761 on the south, and T-10758 on the east. A strip of the map details along the western limits has been furnished the Baltimore District Office for junction purposes with map T-10756.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with USGS topographic quadrangle "Cedar Point, Ala.", edition of 1943, scale 1:62,500, surveyed in 1940-41 and USC&GS planimetric map T-5533, scale 1:20,000, compiled from air photographs taken July 16, 1934. No outstanding discrepancies were noted in the shoreline. Some new roads are shown in the vicinity of the settlement of Heron Bay.

47. COMPARISON WITH NAUTICAL CHARTS


A comparison was made with nautical chart 1266, scale 1:80,000 15th edition dated 16 November 1959. The shoreline compares favorably. Only minor cultural differences were noted.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

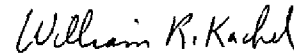
None.

ITEMS TO BE CARRIED FORWARD

None.


Rudolph Possett
Carto Photo Aid

Approved and Forwarded:


William R. Kachel
Chief of Party.

48. GEOGRAPHIC NAME LIST

Excepting the names noted below, all were taken from the Geographic Name Sheet of 23 May, 1958 from the Washington Office by L. Heck.

- ALABAMA
- BARRY POINT
- BAYOU COPELAND
- CEDAR POINT ROAD
- CLARK BAYOU
- GATES BAYOU
- GOOSE BAYOU
- HERON BAY (TOWN)
- HERON BAY
- HERON BAYOU
- JACKS BAYOU
- MISSISSIPPI SOUND
- MOBILE BAY
- MOBILE COUNTY
- MON LOUIS ISLAND
- STATE 163 (from Alabama Highway Map)
- STATE 188 (from " " ")
- ST MICHAEL CHURCH (from Field Inspection)
- WEST FOWL RIVER (from Nautical Chart 1266)

Names approved
June 20, 1968

Frank W. Fickett
A. J. Wright

PHOTOGRAMMETRIC OFFICE REVIEW

50.

T- 10757

1. Projection and grids WHS 2. Title WHS 3. Manuscript numbers WHS 4. Manuscript size WHS
 1a. Classification label unclassified

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy RRW 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 MMS 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 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 XX 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 M. M. Slavney
 W. H. Shearouse Reviewer Supervisor, Review Section or Unit M. 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 B. Engman M. M. Slavney
 Compiler Supervisor

43. Remarks:

19.

Field Edit Report
(Shoreline)
Quadrangles T-10942, T-10943, T-10757, T-10758
Project FH-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 of 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 T-10757
PLANIMETRIC
DECEMBER 13, 1967

61. GENERAL STATEMENT:

See Summary accompanying the Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with Planimetric Survey T-5533, 1:20,000 scale, compiled from photography of July 1934. The shoreline of the two surveys are in good agreement, the small differences have been indicated on the Comparison Print in blue.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with U.S.G.S. HERON BAY, ALA., 7½ minute quadrangle, 1:24,000 scale, edition of 1958. The comparison was good and there are no outstanding differences.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with the three smooth sheets that this manuscript effects; H-8642 ECFP 10-10-61, H-8644 ECFP 10-12-61 and H-8560 ECFP 10-4-60. The shoreline, in the applicable areas of these surveys, was taken from a copy of the manuscript and there are no discrepancies.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 872-SC, 2nd Edition, corrected thru NM-38-Sept. 17, 1966. The position of Heron Bay Channel Light 3 on the chart is not in agreement with the position on the manuscript and on the smooth sheet. This difference along with the difference in the shoreline has been indicated on the Comparison Print. * See below

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This survey complies with instructions and meets the National Standards of Map Accuracy.

* No Form 567 (copy) is included in this report. Refer to page #15, side heading #37. Jtn

Reviewed by:

Leo F. Beugnet
Leo F. Beugnet

Approved by:

For P. G. Stark
J. Bull, RADM, USESSA
Director, Atlantic Marine Center

Approved by:

Charles L. Luman
Chief, Photogrammetric Branch, USN

R. W. Houlahan
Chief, Photogrammetry Division

John O. Boyer
Chief, Nautical Chart Division
Marine