

10984

Original

10984

10984

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	PLANIMETRIC
Field No.	Office No. T-10984
LOCALITY	
State	ALABAMA
General locality	MOBILE BAY
Locality	FAIRHOPE
1957 - 1961	
CHIEF OF PARTY	
Joseph K. Wilson, Chief Photo Party 720	
Arthur L. Wardwell, Tampa District Officer	
LIBRARY & ARCHIVES	
DATE	

USCOM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T -10984

Project No. (II): Ph-5704

Quadrangle Name (IV):

Field Office (II): Fairhope, Ala.

Chief of Party: Joseph K. Wilson

Photogrammetric Office (III): Tampa District Office
Field: 23 June 1958

Officer-in-Charge: Arthur L. Wardwell

Instructions dated (II) (III): Field Supplement 1: 10 Feb. 1959

Copy filed in Division of
Photogrammetry (IV)

Field Supplement II: 17 Aug. 1959

Location of Aids to Navigation dated 7 Oct. 1959

Office: 7 Apr. 1959

Office Supplement 1: 17 Aug. 1959

Office Supplement 1: 6 Oct. 1959

Method of Compilation (III): Field and Office Supplement 3: 10 Nov. 1959
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

~~XXXXXX~~ 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): FAIRHOPE, SILVER MUNICIPAL WATER TANK. 1938

Lat.: 30°31'24.086" (741.7 m) Long.: 87°54'09.358" (249.5 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

PLANIMETRIC

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

Inapplicable

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): Joseph K. Wilson
W. M. Reynolds
Matthew A. Stewart
Date: Oct. 1959

Planetable contouring by (II): Inapplicable
Date:

Completion Surveys by (II): *W.M. Reynolds*
Date: *June 1961*

Mean High Water Location (III) (State date and method of location): Air Photo Compilation
Date of Photography: 20 Nov. 1957

Projection and Grids ruled by (IV): J.E.T. (W.O.)
Date: Dec. 1959

Projection and Grids checked by (IV): Dempsey (W.O.)
Date: Dec. 1959

Control plotted by (III): R. E. Smith
Date: Apr. 1960

Control checked by (III): V. P. Cackowski
Date: Apr. 1960

Radial Plot of Stereoscopic
Control extension by (III): R. R. Wagner
Date: Apr. 1960

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

Manuscript delineated by (III): R. Dossett
Date: May 1960

of Advance Compilation
Photogrammetric Office Review by (III): W. H. Shearouse
Date: June 1960

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

DESCRIPTIVE REPORT - DATA RECORD

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

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
			Time		
57022	20 Nov. 1957		11:29	1:10,000	- 0.1
57023	" " "		11:29	"	"
57024	" " "		11:30	"	"
57877	19 Nov. 1957		15:46	"	+0.9
57878	" " "		15:47	"	"
57879	" " "		15:47	"	"

Predicted
Tide (III)

Reference Station: Mobile
Subordinate Station: Great Point Clear, Mobile Bay
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
Diurnal		1.4

Washington Office Review by (IV):

Date:

Final Drafting by (IV): {Scribed J.L. Harris
Stickup L.L. Graves

Date: Feb. 1962
Apr. 1962

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 6
Shoreline (More than 200 meters to opposite shore) (III): 16
Shoreline (Less than 200 meters to opposite shore) (III):
Control Leveling - Miles (II): Inapplicable
Number of Triangulation Stations searched for (II): 16*
Number of BMs searched for (II): None
Number of Recoverable Photo Stations established (III): 0
Number of Temporary Photo Hydro Stations established (III): 0

Recovered: 8 **
Recovered:

Identified: 6 ***
Identified:

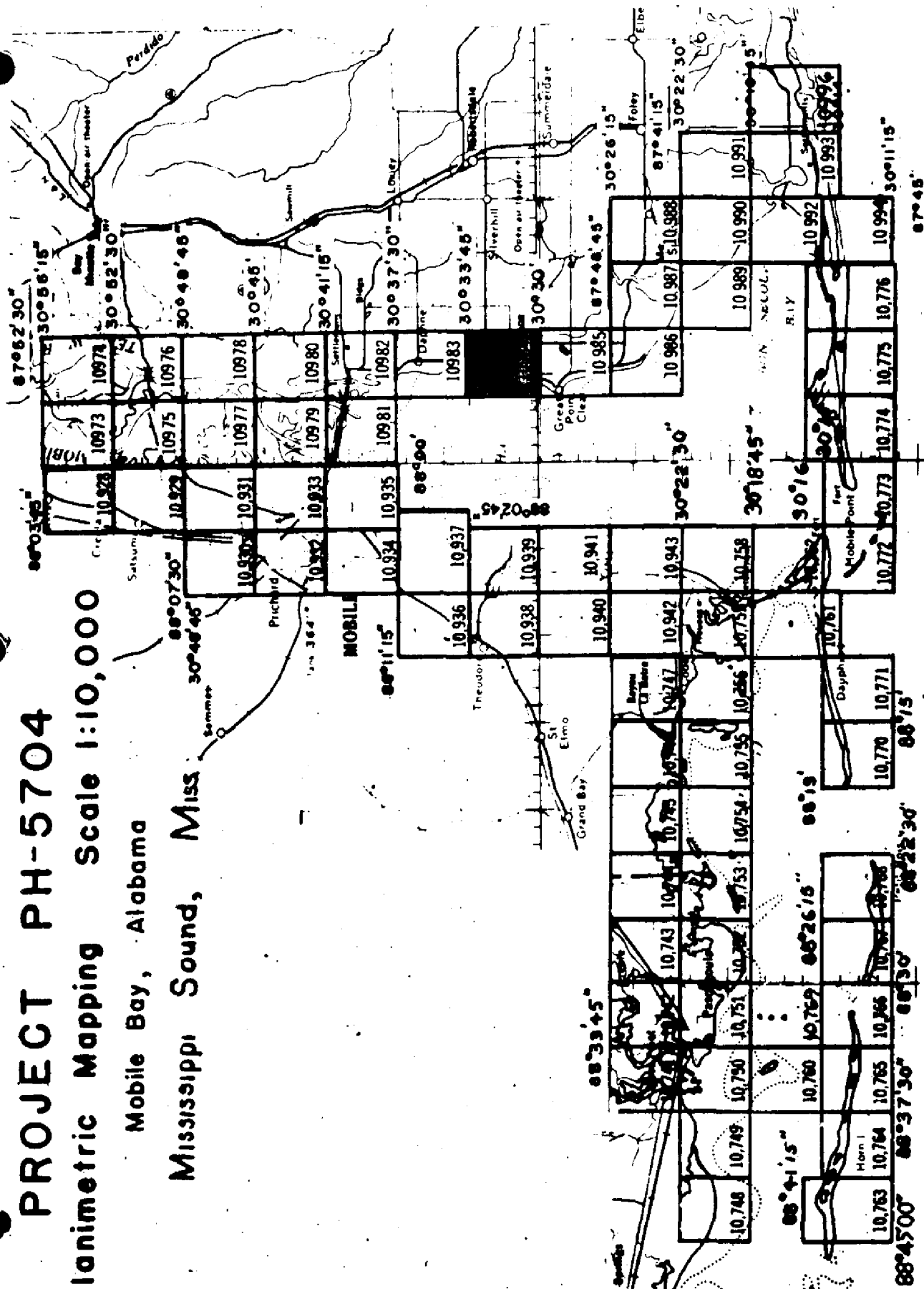
Remarks: * 1 east of project limits
** Includes 2 east of project limits
*** Includes 1 east of project limits

PROJECT PH-5704

Planimetric Mapping Scale 1:10,000

Mobile Bay, Alabama

Mississippi Sound, Miss



FIELD INSPECTION REPORT
Project Ph-5704
Maps T-10981 thru T-10984

2. AREAL FIELD INSPECTION

These maps are located in southwest Alabama, just south and east of the City of Mobile, along the eastern portion of Mobile Bay and entirely within Baldwin County with the exception of a small section in T-10981 which is in Mobile County.

Map T-10981 consists of an area, mostly water, along the causeway connecting Mobile and the eastern portion of the Bay. The remainder of the maps are along the eastern shore and are hilly and wooded.

The incorporated towns of Daphne and Fairhope are within the area. The section is served by a good network of Federal and State, highways.

There is little industry within the area. Some farming and forestry is carried on along the eastern parts of these maps. Summer homes are numerous along the shore of the bay.

Field Inspection was accomplished on the following nine-lens photographs: 57016 thru 57024, 56970, 56883, 56884, 56885, 57066.

The 1957 nine-lens photographs were of fair quality. 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 were searched for and reported on form 526. This includes a number of stations outside the limits of maps T-10982, T-10983 and T-10984.

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

T-10981

COCHRANE, 1935

182, Ala. Geod. S., 1939

569, Ala. Geod. S., 1939

570, Ala. Geod. S., 1939

T-10982

OLD SPANISH FORT CLUBHOUSE TANK, 1935

MALBIS FIRE TOWER, 1935

YANCY, 1935

50, Ala. Geod. S., 1937

53, Ala. Geod. S., 1937

181, Ala. Geod. S., 1939

307, Ala. Geod. S., 1936

308, Ala. Geod. S., 1936

483, Ala. Geod. S., 1937

484, Ala. Geod. S., 1937

485, Ala. Geod. S., 1937

487, Ala. Geod. S., 1937

528, Ala. Geod. S., 1936

695, Ala. Geod. S., 1941

696, Ala. Geod. S., 1941

698, Ala. Geod. S., 1941

T-10983

62, Ala. Geod. S., 1937
 63, Ala. Geod. S., 1937
 64, Ala. Geod. S., 1937
 65, Ala. Geod. S., 1937
 66, Ala. Geod. S., 1937
 67, Ala. Geod. S., 1937
 68, Ala. Geod. S., 1937
 93, Ala. Geod. S., 1936
 192, Ala. Geod. S., 1936
 222, Ala. Geod. S., 1936
 223, Ala. Geod. S., 1936
 324, Ala. Geod. S., 1937
 DAPHNE (USE), 1910

T-10984

89, Ala. Geod. S., 1936
 90, Ala. Geod. S., 1936
 100, Ala. Geod. S., 1937
 169, Ala. Geod. S., 1938
 231, Ala. Geod. S., 1936
 275, Ala. Geod. S., 1936
 277, Ala. Geod. S., 1936
 HOPE, 1935

The identification of control generally met the requirements as furnished by the Washington Office on a Project Index. See letter to Joseph K. Wilson, dated 6 October 1959, 732/AH/rrj.

Station 308, Ala. Geodetic Survey, 1936 was identified even though it is shown as destroyed. The monument was found with the disk missing.

Station 62, Ala. Geodetic Survey, 1937 was identified and shown as doubtful. The original description of the station does not describe the character of the mark. The mark found is believed to be the station.

There was no supplemental control established.

4. VERTICAL CONTROL

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

5. CONTOURS AND DRAINAGE

Contouring is inapplicable.

These sheets, with the exception of map T-10981, have a definite system of drainage. The ground is hilly, sloping toward Mobile Bay. The drainage has been delineated throughout the limits of these maps.

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.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high-water line is both apparent and fast. It has been indicated by symbols on the photographs. The shoreline was inspected by skiff and by walking along the shore.

No attempt was made to show the low-water line with the exception of a few areas where an approximate low-water line is shown.

There is little or no foreshore. Shore ends of submarine and overhead cables have been indicated on the photographs. All docks, piers etc. have been shown on the photographs and all other features clarified.

Shoreline Inspection was accomplished on the following nine-lens photo-

graphs: 56880 thru 56885, 56970, 57021 and 57066.

8. OFFSHORE FEATURES

There were no offshore features noted.

9. LANDMARKS AND AIDS

There are four water tanks and one TV tower recommended as nautical landmarks.

There are no aeronautical aids.

One fixed aid to navigation is shown on the photograph in map T-10984. Form 567 will be submitted at a later date.

10. BOUNDARIES, MONUMENTS AND LINES

The line between Mobile and Baldwin County in map T-10981 is an indefinite line and should be approximately shown as delineated on Bridgehead Quadrangle map 1953. No attempt has been made to show this line on the photograph. See special Boundary Report for Project Ph-5704, Parts 1 and 2.

The corporate limits for the towns of Daphne and Fairhope are delineated on the photographs. No map or description was available for the town of Daphne but the limits follow the section lines and were verified by the Tax Assessor as being correct on the Daphne Quadrangle map, Geological Survey 1953. A city map of Fairhope is enclosed with the map data. A slight change in Corporate limits has been made since the Quadrangle Maps of 1953.

11. OTHER CONTROL

Three monumented topographic stations were established, namely; ABLE, 1959, CART, 1959 and DARE, 1959.

Identification of photo-hydro stations was not required.

12. OTHER INTERIOR FEATURES

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

Your attention is invited to the Civil War trenches shown on the Bridgehead Quadrangle map. These areas have not been shown as they are only shallow depressions today.

Submerged and overhead cables have been shown on the photographs in accordance with Project Instructions. There were no bridge clearances measured.

13. GEOGRAPHIC NAMES

A systematic investigation of Geographic Names was not required. Two new names are recommended: PARADISE BEACH, LAKE FOREST SUBDIVISION. These names are shown on photograph 57018. There were no name discrepancies noted.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Transmittal of maps T-10976, T-10978 thru T-10980 to Washington on 23 September 1959. Reference 6.

Boundary Report for Parts 1 and 2 of Project Ph-5704, submitted to Washington 3-2-59.

Submitted:

OCT 16 1959

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

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

MAP T-10984

PROJECT NO. 5704

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	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)
90 AGS 1936	Baldwin Co.		198 642.86 ✓	6	0546.5 ✓				APR 8 60	
89 AGS 1936	1		375 187.13 ✓	11	4357.3 ✓				✓ V.P.C.	
			188 648.63 ✓	5	7500.2 ✓				" "	" "
			369 516.52 ✓	11	2628.9 ✓				" "	" "
91 AGS 1936	1		200 330.58 ✓	6	1060.9 ✓				" "	" "
			374 803.73 ✓	11	4240.4 ✓				" "	" "
168 AGS 1938	38		195 880.84 ✓	5	9704.6 ✓				" "	" "
			378 422.88 ✓	11	5343.5 ✓				" "	" "
169 AGS 1938	38		194 528.11 ✓	5	9292.3 ✓				" "	" "
			378 448.61 ✓	11	5351.4 ✓				" "	" "
188 AGS 1937	2		187 259.11 ✓	5	7076.7 ✓				" "	" "
189 AGS 1937	2		368 411.06 ✓	11	2291.9 ✓				" "	" "
190 AGS 1937	2		190 857.82 ✓	5	8171.7 ✓				" "	" "
			373 137.46 ✓	11	3732.5 ✓				" "	" "
275 AGS 1936	39		191 685.70 ✓	5	8425.9 ✓				" "	" "
			373 095.76 ✓	11	3719.8 ✓				" "	" "
276 AGS 1936	39		190 533.20 ✓	5	8074.6 ✓				" "	" "
			385 053.06 ✓	11	7364.4 ✓				" "	" "
277 AGS 1936	38		190 596.61 ✓	5	8094.0 ✓				" "	" "
			383 917.37 ✓	11	7018.2 ✓				" "	" "
HOPE 1935	64		182 610.07 ✓	5	5659.7 ✓				" "	" "
			378 370.34 ✓	11	5327.5 ✓				" "	" "
			30 31 58.919 ✓						1814.4 ✓	
			87 54 27.934 ✓						744.7 ✓	

1 FT. = 3048006 METER

COMPUTED BY:

DATE

CHECKED BY: WWD

DATE: APR 11 60

COMMA-DC-57843

10

MAP T. 10984 PROJECT NO. 5704 SCALE OF MAP 1"=10,000 SCALE FACTOR

[illegible]

1 ET = 3048006 METER

COMPUTED BY:

DATE:

CHECKED BY:

WUD

DATE _____

COMM-DC-57843

COMPILATION REPORTT-10984PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-10928

31. DELINEATION

The graphic method was used. The photographs were clear but of poor scale. Considerable difficulty was encountered in delineating the streets within the urban area of the city of Fairhope because of dense tree cover. The field inspection was adequate.

32. CONTROL

See photogrammetric plot report.

33. SUPPLEMENTAL DATA

A map of the city of Fairhope was used as reference for studying the street system which could not be clearly seen for reason stated in Item 31.

34. CONTOURS AND DRAINAGE

Inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

The entire shoreline of this map manuscript is fast shoreline. Low waterline has been shown in the vicinity of the entrance to Fly Creek (Volanta Bayou) as indicated by the field inspection. All alongshore details have been shown in accordance with field inspection notes which were satisfactory.

36. OFFSHORE DETAILS

No important offshore details were noted by the field inspection.

37. LANDMARKS AND AIDS

One aid to navigation and one landmark were submitted on form 567 for this project *under date of 15 July, 1960.*

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

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

A satisfactory junction has been made with T-10983 on the north, T-10985 on the south and U.S.G.S. quadrangle SILVERHILL 1:24,000 edition of 1953 on the east. Mobile Bay is on the west.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U.S.G.S. quadrangle DAPHNE scale 1:24,000 survey of 1939-1953 and U.S.C. & G.S. Air Photo Compilation T-5529, scale 1:20,000, compiled from photographs of 1934. No outstanding discrepancies were noted with the quadrangle.

47. COMPARISON WITH NAUTICAL CHARTS


A comparison has been made with Nautical Chart No. 1266, scale 1:80,000, 15th edition, printed 16 Nov. 1959, corrected to 12 Mar. 1960. No outstanding changes of shoreline were noted.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.


Rudolph Dossett
Carto photo Aid

Approved and Forwarded:

William A. Rasure
for Arthur L. Wardwell
Chief of Party

48. GEOGRAPHIC NAME LIST

The names were taken from C&GS Nautical Chart 1266, Air Photo
Compilation T-5529 and U.S.G.S. quadrangle DAPHNE.

ALABAMA
✓ ANNA T. JEAN^ES SCHOOL *a/jw 12-65*

✓ TATUMVILLE GULLY
TWIN BEACH CHURCH

~~BIG MOUTH GULLY~~
~~BAYOU CHARBON~~ *a/jw 12-65*
COWPEN CREEK

U. S. HIGHWAY 98

DEVILS HOLE

VOLANTA
~~VOLANTA BAYOU~~ See letter (next page)
OK 12-65
a.j.w.

EASTERN SHORE BLVD.

FAIRHOPE
✓ FAIRHOPE HIGH SCHOOL
✓ FAIRHOPE MEMORIAL CEMETERY
✓ FAIRHOPE MEMORY CEMETERY *(2) - OK a/jw*
✓ FAIRHOPE YACHT CLUB
✓ FLY CREEK
✓ FORT RIEL ARMORY

✓ GREENO BLVD.
GULF COAST EXPERIMENT STATION

HOUSTONVILLE

✓ ~~LEBANON CHURCH~~ *CHAPEL a/jw 12-65*
✓ LOYOLA HOME *a/jw 12-65*
VILLA *12-65*

*= Names OK for charting,
but not true geog. names.*

MAGNOLIA BEACH

NEW ARIE CHURCH

OLD SILVERHILL ROAD

PINE TEMPLE CHURCH

ROCK CREEK

*All names checked
and approved*

12 - 10 - 65

a.j. Wright

✓ SEACLIFF
✓ ST JAMES CHURCH
STACKS GULLY
STATE 104

454-000

September 13, 1960

Mr. G. C. Hifner
257 West Street, Flo Claire
Mobile, Alabama

Dear Mr. Hifner:

I wish to thank you for your letter of August 28, 1960, to Commander Howard S. Cole, and for your interest in solving the name conflict between Fly Creek/Flying Creek/Volanta Bayou.

It happened that this conflict was on the docket list of the Domestic Names Committee of the U. S. Board on Geographic Names for its September monthly meeting, and your communication was immediately referred to this committee prior to that meeting. On the basis of all available information from numerous sources, the committee has decided to approve Fly Creek as the name in widest local usage at present.

Sincerely yours,

Charles Pierce
Rear Admiral, CAGS
Deputy Director

49. NOTES TO THE HYDROGRAPHER

None.

PHOTOGRAMMETRIC OFFICE REVIEW OF ADVANCE COMPILATION
MANUSCRIPT
T.10984

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 RRW 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 WHS 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 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

40. W. H. Shearouse
Reviewer
W. H. Shearouse

M. M. Slavney
Supervisor, Review Section of 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.

R. R. Wagner
Compiler
R. R. Wagner

M. M. Slavney
Supervisor
M. M. Slavney

43. Remarks:

FIELD EDIT REPORT

Maps T-10983 thru T-10986

Project Ph-5704

51. METHODS

Field edit of the above manuscripts was limited to the areas immediately along the shoreline. The area was traversed by skiff running close to shore. The completeness of the compilation was checked and all additions or corrections have been noted.

One field edit sheet was used for each manuscript. All additions or corrections have been noted on the field edit sheet and cross-referenced to the field photographs. The additions consisted mainly of adding piers, which have been constructed since photography. All additions or corrections have been noted with violet ink on both the field edit sheet and the field photographs. The following field photographs were used during field edit; 56879, 56880, 56882, 57021, and 57022.

52. ADEQUACY OF COMPILATION

Measurements were taken to the mean high water line to check its delineation on the manuscripts. In most cases the delineation, as shown on the manuscript, is correct. The buildings, piers, etc., were checked visually and after application of the field edit information; the compilation will be adequate.

53. MAP ACCURACY

The area along the shoreline was checked and appears to be good.

54. RECOMMENDATIONS

None are offered.

55. EXAMINATION OF PROOF COPY

None of the people contacted during field edit were considered qualified to adequately read or correct a map. Therefore, none are recommended.

Submitted

William M. Reynolds
William M. Reynolds
Sub. Unit Photo Party 720

ADDITION TO FIELD EDIT REPORT
MAP T-10984, PROJECT Ph-5704

51. METHODS

In addition to the shoreline area, the roads in this manuscript were driven to check their classification and to answer the questions of the reviewer. Some of the classifications were changed, since the roads had been surfaced after the original field inspection. The road classifications are correct as of 28 June 1961.

52. ADEQUACY OF COMPILATION

See original Field Edit Report previously submitted.

53. MAP ACCURACY

See original Field Edit Report previously submitted.

54. RECOMMENDATIONS

See original Field Edit Report previously submitted.

55. EXAMINATION OF PROOF COPY

The discrepancies in Geographic Names were resolved as follows; "ROCK CREEK" is correct as shown on the manuscript.

The name "Seacliff" is one word but is placed in the wrong location on the manuscript. The name has been placed in its correct location on the manuscript.

The names "Volanta Bayou", "Devils Hole," and "Fly Creek" are as follows, local investigation revealed that the original name was Bayou Volant. Volant is a French word meaning flying. The word flying has since been shortened to fly. The sources contacted were unable to explain how the letter "a" was added to the spelling of the bayou. Posted signs along the highway also read "Fly Creek." All local sources recommended that "Fly Creek" be the name used on the manuscripts and maps. The name

applies to all of the stream. "Devils Hole" is correctly applied on the manuscript. The name is used for a deep hole in the bend of Fly Creek. The name "Volanta" is in common local usage and applies to a sub-division. The limits of the sub-division have been placed on the discrepancy print. The stream marked as "Big Mouth Gully" is known locally as "Bayou Charbon". None of the local contacts had ever heard of the name "Big Mouth Gully". "Bayou Charbon" is recommended for the name of this feature. The name "Lebanon Church" should be "Lebanon Chapel". The name plate on the building reads "Lebanon Chapel". "Loyola Home" should be "Loyola Villa". A posted sign at the entrance reads "Loyola Villa". The correct spelling for "Anna T. Jeanes" school is "Jeanes". This was verified by Mr. Alvin E. Boykin, school principal. Numbers of people were contacted to verify the discrepancies in the names but few of them were able to correctly read a map for placement of the names. The three people listed below were extremely familiar with the area and could read a map with ease; Mr. Harold W. Graham, Route 2, Box 120, Fairhope, Alabama, Registered Engineer and a resident of the area for 63 years, Mr. Claude W. Arnold, Fairhope, Alabama, Registered Engineer and a resident of the area for 30 years, Mr. C.A. Gaston, Fairhope, Alabama, Secretary of the Fairhope Single Tax Corporation and a resident of the area for 67 years. These three people all recommended the names as listed above.

Mr. Graham and Mr. Arnold both agreed to examine any proof copies of manuscripts located in Baldwin County. Their addresses are listed above. Both men are very familiar with the area and have done survey work for a number of years.

Submitted,

William M. Reynolds
William M. Reynolds

TIDE COMPUTATION

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

PROJECT NO. PH. 5704 T 10984

Time and date of exposure 129 20 Nov 1957

Reference station

Mobile

Date of field inspection Oct. 19 59

Subordinate station

Great Point Chesapeake Bay

Ratio of ranges

Diurnal
Mean range

1.4

	Time		Height feet	Height x Ratio of ranges	Time		Time h. m.
	h.	m.			h.	m.	
High tide	21	39	1.6	1.5	22	39	9 12
Low tide	8	12	-0.4	-0.4	1	00	1 00
Duration of rise or fall	13	27	1.9	1.9	21	39	8 12

	h.	m.	Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	feet	Feature bares Stage of tide above MLW Feature above MLW	feet	Photo. No.
Time H. T. or L. T. Required time Interval	8	12		-0.4			57023
	11	29		0.3			57022
	3	17		-0.1			
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		

COMM-DC-57848

Computed by

T. D. Smith

Checked by

M. M.

Review Report
Planimetric Maps
T-10981 thru T-10988
November 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 charts and shoreline and horizontal control data for hydrographic surveys.

62. Comparison with Registered Topographic Surveys

T-5528	1:20,000	1934
T-5529	1:20,000	1934
T-5530	1:20,000	1934
T-3712	1:40,000	1918
T-3713	1:40,000	1918

Cultural and shoreline changes have been continuous. These maps are to supersede the above surveys of common area for nautical charting.

63. Comparison with Maps of Other Agencies

Bridgehead	1:24,000	1953
Daphne	1:24,000	1953
Point Clear	1:24,000	1956
Weeks Bay	1:62,500	1950

See Item 46.

64. Comparison with Contemporary Hydrographic Surveys

H-8562	1:10,000	1960
H-8574	1:10,000	1960
H-8588	1:10,000	1961
H-8635	1:10,000	1961
H-8636	1:10,000	1961
H-8592	1:10,000	1960

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

100,000

1965

Differences exist; however, there are ^{none} to be applied immediately.

66. Adequacy of Results and Future Surveys

These surveys were prepared according to project instructions and are within the requirements for nautical charting.

Reviewed by

L.C. Lande
L.C. Lande

Charles Leuner

Chief, Photogrammetric Branch

Chief, Nautical Chart Division

L. F. Woodward

Chief, Photogrammetry Division