

10987

Original

10987

10987

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	PLANIMETRIC
Field No.	Office No. T-10987
LOCALITY	
State	ALABAMA
General locality	MOBILE BAY
Locality	WEEKS BAY
<u>1957-1961</u>	
CHIEF OF PARTY	
Joseph K. Wilson, Chief Photo Party 720	
Arthur L. Wardwell, Tampa District Office	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T -10987

Project No. (II): Ph-5704

Quadrangle Name (IV):

Field Office (II): Fairhope, Ala.

Chief of Party: Joseph K. Wilson

Photogrammetric Office (III): Tampa Florida

Officer-in-Charge: Arthur L. Wardwell

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

Copy filed in Division of
Photogrammetry (IV)

Field Supplement I dated 10 Feb. 1959

Field Supplement II dated 17 Aug. 1959

Location of Aids to Navigation dated 7 Oct. 1959

Office: 7 April 1959

Office Supplement I 17 Aug. 1959 and Oct. 6, 1959

Field Supplement III 10 Nov. 1959

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III): MHW

~~Mean low water 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): YUPON 1935

Lat.: 30°24'37.354 (1150.2m)

Long.: 87°49'24.828" (662.7m)

Adjusted
~~unadjusted~~

Plane Coordinates (IV):

State:

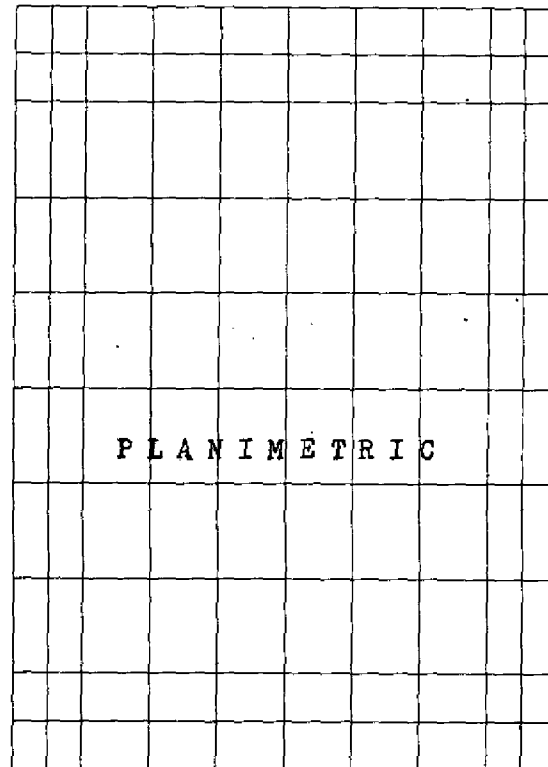
Zone:

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.



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: Sept-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): P.T.D. (W.O.)

Date: Jan. 1960

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

Date: Jan. 1960

Control plotted by (III): M. Carver

Date: April 1960

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

Date: April 1960

Radial Plot of ~~Stereoscopic~~

Date: May 1960

Control extension by (III): R. R. Wagner
R. J. Pate

Planimetry

Date:

Stereoscopic Instrument compilation (III): Inapplicable
Contours

Date:

Manuscript delineated by (III): W. W. Dawsey

Date: June 1960

of Map Mnauscript
Photogrammetric Office Review by (III): I. I. Saperstein

Date: July 1960

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): USC&GS 9-Lens

4.

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
			Time		
57057	20 Nov. 1957		12:10	1:10,000	- 0.1
57058	"		12:11	"	-0.1
57038	"		11:56	"	- 0.1
57037	"		11:55	"	-0.1

Predicted
Tide (III)

Reference Station: MOBILE, MOBILE RIVER
Subordinate Station: BON SECOUR, BON SECOUR RIVER
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
Diurnal		1.6

Washington Office Review by (IV):

Date:

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

Date: Jan. 1962
Apr. 1962

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 10
Shoreline (More than 200 meters to opposite shore) (III): 25 linear miles
Shoreline (Less than 200 meters to opposite shore) (III):
Control Leveling - Miles (II): Inapplicable
Number of Triangulation Stations searched for (II): 16* Recovered: 7** Identified: 5***
Number of BMs searched for (II): None Recovered:
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

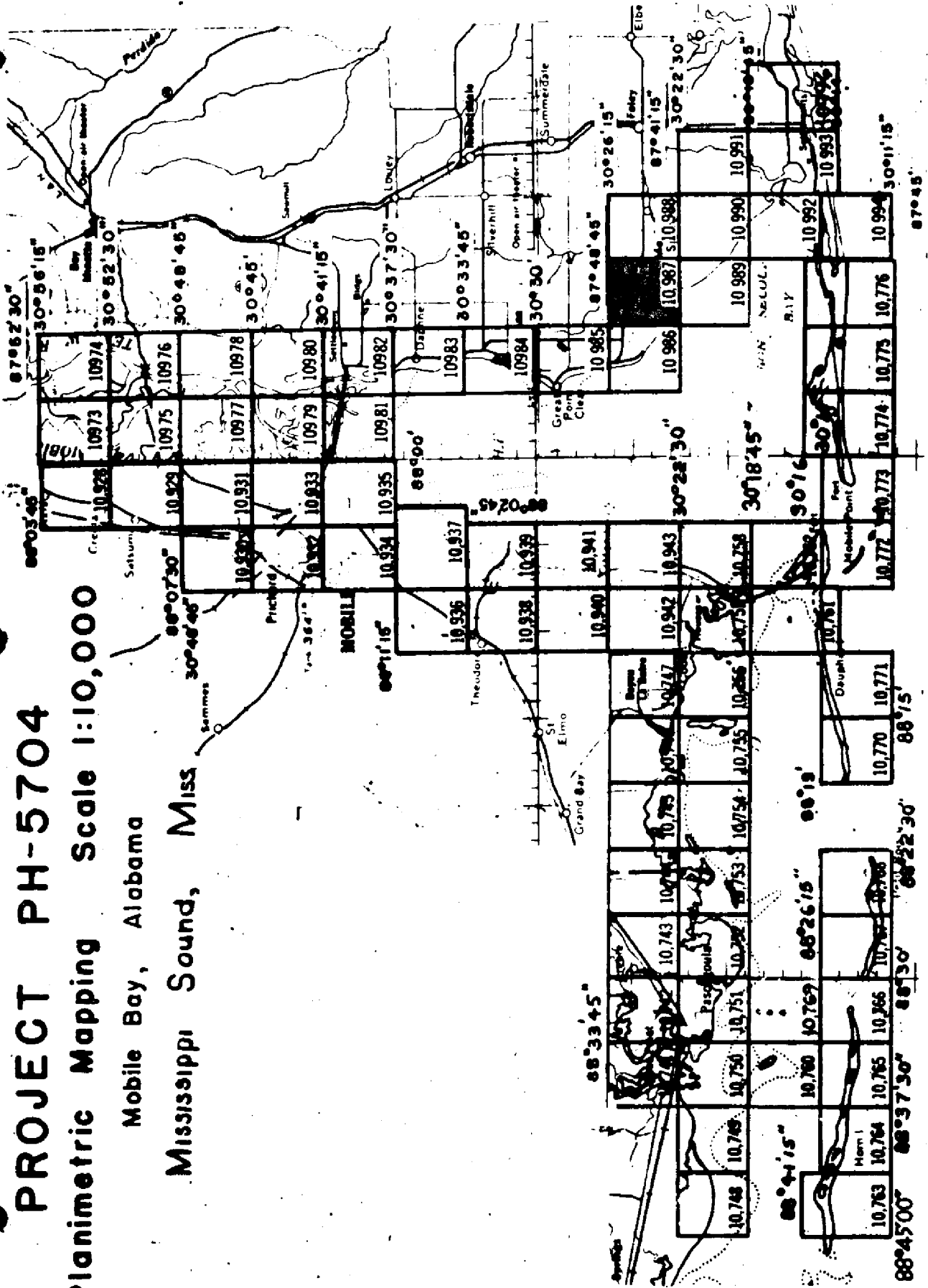
Remarks: * Including 6 stations north of project limits
** " 4 " " " " "
*** " 2 " " " " "

PROJECT PH-5704

Planimetric Mapping Scale 1:10,000

Mobile Bay, Alabama

Mississippi Sound, Miss



FIELD INSPECTION REPORT
Maps T-10985 thru T-10987
Project Ph-5704

2. AREAL FIELD INSPECTION

These maps are located along the eastern shore of Mobile Bay in southwestern Alabama and just south of the town of Fairhope.

Farming is the chief industry within the area. Point Clear and Battles Wharf are summer resorts along the bay shore. There are no incorporated towns. The area is served by a good network of federal, state and county roads.

The most prominent features within the area are Weeks Bay and Fish River in map T-10987 and the Grand Hotel at Point Clear. The Grand Hotel attracts many tourists during both the summer and winter seasons.

Field Inspection was accomplished on the following nine-lens photographs:

56874, 56875, 56876, 57025, 57026, 57027, 57028, 57029, 57032, 57035, 57037, 57038, 57057, 57058, 57062, 57074 and 57075.

The 1957 nine-lens photographs were of fair quality. Especially was it difficult to identify substitute points for horizontal control due to changes since photography and distortion of the photographs. 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. This includes numerous stations outside the limits of these maps.

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

T-10985

95, Ala. Geod. S., 1936
96, Ala. Geod. S., 1936
117, Ala. Geod. S., 1936
119, Ala. Geod. S., 1936
145, Ala. Geod. S., 1936
185, Ala. Geod. S., 1936
186, Ala. Geod. S., 1936
699, Ala. Geod. S., 1940
700, Ala. Geod. S., 1940
SMILEY, 1930

T-10986

LET 2, 1934
MULLET, 1935
211, Ala. Geod. S., 1936
702, Ala. Geod. S., 1940

T-10987

212, Ala. Geod. S., 1936
213, Ala. Geod. S., 1936
214, Ala. Geod. S., 1936
215, Ala. Geod. S., 1936
313, Ala. Geod. S., 1936
314, Ala. Geod. S., 1936

549, Ala. Geod. S., 1938

552, Ala. Geod. S., 1938

553, Ala. Geod. S., 1938

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 28 October 1959, 732/AH/rrj.

There was no supplemental control established.

4. VERTICAL CONTROL

One tidal bench mark at Point Clear was recovered and identified. There are no other tidal bench marks within the area.

5. CONTOURS AND DRAINAGE

Contouring is inapplicable.

These maps have a definite drainage system with the land sloping toward Mobile Bay. The field inspector has delineated the perennial drainage throughout the limits of these sheets.

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 mostly fast land except for a portion along Weeks Bay which is apparent.

The shoreline was inspected by skiff and by walking along the shore. It was indicated on the photographs by symbols. Many of the numerous piers, boat landings etc. are in ruins and constitute a danger to small boats navigating close inshore.

No attempt was made to locate the low-water line.

The shore ends of one submarine and one overhead cable were shown on the photographs. All docks, piers and wharves have been shown.

Shoreline Inspection was accomplished on nine-lens photographs nos.:

56875, 57027, 57028, 57029, 57038, and 57062.

8. OFFSHORE FEATURES

There were no off-shore features noted.

9. LANDMARKS AND AIDS

One water tank at Great Point Clear is recommended as a Nautical Landmark.

Fixed aids to navigation consist of a light off Great Point Clear, map T-10985, and a daybeacon in map T-10986. The light was located by triangulation in 1935 and the daybeacon was located by photogrammetric methods from several photo points.

There are no aeronautical aids.

Form 567 for parts 3 and 4 of this project are submitted with the data for these sheets.

10. BOUNDARIES, MONUMENTS AND LINES

There are no features within the limits of these maps which require boundary

limits. All of the area lies within Baldwin County.

11. OTHER CONTROL

Two monumented topographic stations were established, namely; BANK 1959 and EVER 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.

Submerged and overhead cables have been shown in accordance with Project Instructions.

One fixed bridge was measured in accordance with Project Instructions, namely, Fish River Highway Bridge (U. S. Highway 98). The horizontal clearance is 88.0 feet and vertical clearance of 33.0 feet. This bridge was measured with extreme caution due to the discrepancy noted on the horizontal clearance.

13. GEOGRAPHIC NAMES

A systematic investigation of Geographic Names was not required, however, several names are discussed below:

The names FOOTS LANDING, DARLING LANDING and BRYANT LANDING are recommended for deletion. The names are no longer used by the local people due to modern developments along the bay shore. Several people were contacted about these names and all stated that the names have died-out and are no longer used.

The name GREENO BOULEVARD is correct as shown on most of the existing maps. The name was derived from a family by name of Greeno and is not to be confused with the name Greene.

The name MULLET POINT ROAD is a new name which is recommended. This road connects U. S. Highway 98 with Weeks Bay and is along the Mobile Bay shore.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Coast Pilot Report submitted with the data for these sheets, dated 6 November 1959.

Transmittal of maps T-10981 thru T-10984 to Washington on 16 October 1959.

Forms 567 for parts 4 and 5 of this project submitted with data for these maps, Forwarded 6 November 1959.

Submitted:

6 November 1959

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORDMAP T-10987 PROJECT NO. Pa-5707 SCALE OF MAP 1:10000 SCALE FACTOR 182

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -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)
<u>MACH 1934</u>	<u>Baldwin</u> <u>25</u>		<u>140 722.09</u> <u>383 471.54</u>	<u>4 2892.2</u> <u>11 6882.4</u>			<u>PL/PC 11 Apr 60</u> <u>✓ 9999</u>
<u>309 AGS 1936</u>	<u>"</u>		<u>164 706.15</u> <u>399 576.46</u>	<u>5 0202.5</u> <u>12 1791.1</u>		<u>N of sheet</u>	
<u>310 AGS 1936</u>	<u>"</u>		<u>163 994.14</u> <u>399 602.00</u>	<u>4 9985.5</u> <u>12 1800.5</u>		<u>N of sheet</u>	
<u>311 AGS 1936</u>	<u>"</u>		<u>161 245.43</u> <u>393 335.21</u>	<u>4 947.7</u> <u>11 9888.8</u>			<u>N</u> <u>N</u>
<u>312 AGS 1936</u>	<u>24</u>		<u>161 241.32</u> <u>392 913.61</u>	<u>4 9146.5</u> <u>11 9760.3</u>			<u>"</u> <u>"</u>
<u>313 AGS 1936</u>	<u>24</u>		<u>161 310.61</u> <u>383 875.31</u>	<u>4 9167.6</u> <u>11 7005.4</u>			<u>"</u> <u>"</u>
<u>212 AGS 1936</u>	<u>13</u>		<u>153 308.93</u> <u>387 031.40</u>	<u>4 6728.7</u> <u>11 7967.4</u>			<u>"</u> <u>"</u>
<u>213 AGS 1936</u>	<u>13</u>		<u>153 268.00</u> <u>388 620.49</u>	<u>4 6716.2</u> <u>11 8451.8</u>			<u>"</u> <u>"</u>
<u>214 AGS 1936</u>	<u>13</u>		<u>153 874.95</u> <u>397 627.22</u>	<u>4 6901.2</u> <u>12 1197.0</u>			<u>"</u> <u>"</u>
<u>215 AGS 1936</u>	<u>13</u>		<u>153 857.03</u> <u>398 216.74</u>	<u>4 6895.7</u> <u>12 1376.7</u>			<u>"</u> <u>"</u>
<u>216 AGS 1936</u>	<u>13</u>		<u>153 364.01</u> <u>398 808.22</u>	<u>4 6745.4</u> <u>12 1404.6</u>			<u>"</u> <u>"</u>
<u>314 AGS 1936</u>	<u>24</u>		<u>161 281.94</u> <u>382 635.95</u>	<u>4 9158.8</u> <u>11 6627.7</u>			<u>"</u> <u>"</u>

1 FT = 3048006 METER

COMPUTED BY R.R. Wagner

DATE

CHECKED BY: W.W.D.

DATE

COMM-DC-57843

June 11 6010

MAP T-10987

PROJECT NO. 5704

SCALE OF MAP 1:10,000

SCALE FACTOR

252

[illegible]

1 FT. = .3048006 METER
COMPUTED BY: K

DATE _____

CHECKED BY:

DATE: _____

COMM-DC-57843

COMPILATION REPORTT-10987PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-10994

31. DELINEATION

Delineation was by graphic method. The field inspection was adequate. The photographs were of fair scale. The clarity of the photographs was good and no trouble was encountered in discerning objects to be mapped.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line and alongshore details were shown as indicated by the field inspection which was adequate. No low-water or shoal lines were shown.

36. OFFSHORE DETAILS

The offshore details were shown according to the field inspection.

37. LANDMARKS AND AIDS

No landmarks or fixed aids to navigation were located by the field inspector.

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

Junctions have been made with the following:

T-10986 to the west; T-10988 to the east; T-10989 to the south.
No contemporary survey to the north.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

41. CLEARANCES:

See Coast Pilot correction bound with this report pertaining to a bridge clearance over the Fish River.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with AMS Map - WEEKS BAY ALA. quadrangle scale 1:50,000, reprinted in 1954 from a map originally compiled in 1941. Mullet Point Road and U. S. Highway 98 were the important features that did not appear on the quadrangle. The numerous small differences noted were mostly man made. Comparison has been made with PLANIMETRIC MAPS T-5528 and T-5529 scale 1:20,000, dated 1934. The same differences exist as noted above.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart 1266 scale 1:80,000, edition of 16 Nov. 1959. The comparison was generally good.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None



W. W. Dawsey
Cartographer (Photo)

Approved and Forwarded:

William R. Kachel for
Arthur L. Wardwell
Chief of Party

48. GEOGRAPHIC NAMES

ALABAMA

BON SECOUR BAY
BROOK CEDRON CEMETERY

CHESTNUT LANDING

FISH RIVER
FISH RIVER PT

GREENO BLVD

MAGNOLIA RIVER
MUDDY BAYOU
MULLET POINT ROAD
MT ZION CHURCH AND CEMETERY

THE MEADOWS
TURKEY BRANCH
TURKEY BRANCH (COMMUNITY)

U.S. 98

WEEKS BAY
WEEKS BRANCH

YUPON

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

48. GEOGRAPHIC NAMES

ALABAMA

BON SECOUR BAY

\ BROOK CEDRON CEMETERY

CHESTNUT LANDING

FISH RIVER

FISH RIVER PT

\ GREENO BLVD

MAGNOLIA RIVER

MUDDY BAYOU

MULLET POINT ROAD

\ MT ZION CHURCH AND CEMETERY

THE MEADOWS

TURKEY BRANCH

TURKEY BRANCH (COMMUNITY)

U.S. 98

WEEKS BAY

WEEKS BRANCH

YUPON

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

49. NOTES FOR THE HYDROGRAPHER

None.

50.

PHOTOGRAMMETRIC OFFICE REVIEW
OF ADVANCE COMPILATION MANUSCRIPT
1-10987

1. Projection and grids W.O. 2. Title IIS 3. Manuscript numbers IIS 4. Manuscript size IIS

4a Classification label Unclassified

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy IIS 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 IIS

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline IIS 13. Low-water line XX 14. Rocks, shoals, etc. XX 15. Bridges IIS 16. Aids to navigation XX 17. Landmarks XX 18. Other alongshore physical features IIS 19. Other along-shore cultural features IIS

PHYSICAL FEATURES

20. Water features IIS 21. Natural ground cover IIS 22. Planetable contours XX 23. Stereoscopic instrument contours XX 24. Contours in general XX 25. Spot elevations XX 26. Other physical features IIS

CULTURAL FEATURES

27. Roads IIS 28. Buildings IIS 29. Railroads XX 30. Other cultural features IIS

BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

33. Geographic names IIS 34. Junctions IIS 35. Legibility of the manuscript IIS 36. Discrepancy overlay XX 37. Descriptive Report IIS 38. Field inspection photographs IIS 39. Forms IIS 40. I.I. Saperstein M.M. Slavney

I.I. Saperstein

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.

R.R. Wagner

Compiler

M.M. Slavney

Supervisor

43. Remarks:

FIELD EDIT REPORT
Maps T-10987, T-10988, T-10989
Project Ph-5704

51. Methods.

Field edit was confined to the shoreline and the area immediately adjacent thereto. The shoreline was traversed by skiff running close to the beach. The features were compared with those indicated on the manuscript and all additions or corrections were noted. These additions or corrections have been noted on the field edit sheet or the field photographs. All field edit information has been indicated in violet. Deletions are in green. The field edit sheets and field photographs have been cross-referenced where applicable.

Field edit information has been indicated on a copy of each map manuscript and field photographs numbered 57037 and 57038.

52. Adequacy of Compilation.

The manuscript, along the shoreline, has been checked visually and will be adequate after application of field edit information.

53. Map Accuracy.

The horizontal accuracy of the manuscripts was not checked.

54. Recommendations.

None are offered.

55. Examination of Proof Copy.

The Geographic Names, in question, in map T-10989 were investigated. The name "Dorgans Landing" appears to be obsolete and is not recommended for charting. According to local information the name existed many years ago but in more recent years the area is being developed under the name "Sunset Shores". This name is recommended for the area. The limits of the area covered by this name have been indicated on the discrepancy print.

The people contacted are as follows; H.E. Cooper, Box 425, Daphne, Alabama, resident of the area for 50 years, Claude Douglas, Plateau, Alabama, resident of the area for 40 years, Harold W. Graham, Registered Engineer, Route 2, Box 120, Fairhope, Alabama, resident of the area for 63 years, Claude W. Arnold, Registered Engineer, Fairhope, Alabama, resident for 30 years. The first two names are of people who own property in the locality. Mr. Graham and Mr. Arnold have done survey work in the area and seem very familiar with the names.

Mr. Graham and Mr. Arnold agreed to examine a proof copy of any map located in Baldwin County. Their addresses are listed above.

Submitted,

William M. Reynolds
William M. Reynolds

TIDE COMPUTATION

PROJECT NO. Ph-5704T-10987

Time and date of exposure 11/56 20 Nov/57

Reference station

MOBILE, MOBILE RIVER

Date of field inspection

DEC. 1959

Subordinate station

BON SECOUR - BON SECOUR RIVER

Mean range
DICKMAN

Ratio of ranges	HW + 0.1	LW 0.0
Ratio of ranges	✓	✓

	Time		Height x Ratio of ranges
	h.	m.	
High tide	21	59 ✓	
Low tide	8	32 ✓	1.7
Duration of rise or fall	13	27 ✓	-0.4
			2.1

	Time	
	h.	m.
High tide at Ref. Sta.	22	59
Time difference	- 0	40
Corrected time at Subordinate station	21	59

	Time	
	h.	m.
Low tide at Ref. Sta.	9	12
Time difference	-0	40
Corrected time at Subordinate station	8	32

	h.	m.	
Time H. T. or L. T.	8	32	Ht. H. T. or L. T.
Required time	11	56	Tabular correction
Interval	3	24	Stage of tide above MLW
Time H. T. or L. T.			Ht. H. T. or L. T.
Required time			Tabular correction
Interval			Stage of tide above MLW
Time H. T. or L. T.			Ht. H. T. or L. T.
Required time			Tabular correction
Interval			Stage of tide above MLW
Time H. T. or L. T.			Ht. H. T. or L. T.
Required time			Tabular correction
Interval			Stage of tide above MLW

feet		feet	Photo. No.
-0.4 ✓	Feature bares		57038-
0.3 ✓	Stage of tide above MLW		
-0.1 ✓	Feature above MLW		
	Feature bares		
	Stage of tide above MLW		
	Feature above MLW		
	Feature bares		
	Stage of tide above MLW		
	Feature above MLW		
	Feature bares		
	Stage of tide above MLW		
	Feature above MLW		
	Feature bares		
	Stage of tide above MLW		
	Feature above MLW		

4-2617-12

Computed by

WMD

Checked by 115

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

1:80,000

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 requirement for nautical charting.

Reviewed by

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Charles Lensen
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