

10993

ORIGINAL

FORM C&GS-504	
U.S. DEPARTMENT OF COMMERCE ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	Planimetric
Field No.	Office No. T-10993
LOCALITY	
State	Alabama
General locality	Mobile Bay
Locality	Oyster Bay
1957-1961 *	
CHIEF OF PARTY	
Joseph K. Wilson, Chief of Field Party	
William R. Kachel, Tampa District Office	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 37022-P86

* Refer to page 6 of this report

DESCRIPTIVE REPORT - DATA RECORD

T - 10993

Project No. (II): PH-5704

Quadrangle Name (IV):

Field Office (II): Fairhope, Alabama

Chief of Party: Joseph K. Wilson

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: William R. Kachel

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

Copy filed in Division of
Photogrammetry (IV)

10 Feb. 1959 (Field Suppl. 1)

(III) 7 April 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 & Office Suppl. 3)

Location of Aids to Navigation dated 7 Oct. 1959

Method of Compilation (III): Graphic

~~29 Aug 1962 (Office Suppl. 4)~~

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 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): SYLVIA, 1934

Lat.: 30° 15' 23.137 (712.4 m) Long.: 87° 44' 19.459 (520.2 m)

Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

State: ALABAMA

Zone: WEST

Y= 93,330.90 Ft.

X= 424,624.44 Ft.

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

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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): W. M. Reynolds
Matthew A. Stewart

Date: Jan. 1960

Planetable contouring by (II): Inapplicable

Date:

Completion Surveys by (II): W. M. Reynolds

Date: July 1961

Mean High Water Location (III) (State date and method of location): Air Photo Compilation
Date of photography: - 9 & 20 Nov. 1957

Projection and Grids ruled by (IV): J. Frazier (W.O.)

Date: Feb. 1960

Projection and Grids checked by (IV): P. J. Dempsey (W.O.)

Date: Feb. 1960

Control plotted by (III): R. E. Smith, Jr.

Date: July 1960

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

Date: July 1960

Radial Plot ~~and Stereoscopic~~

Date:

Control extensions by (III):

R. R. Wagner

Aug. 1960

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Inapplicable

Date:

Contours

Manuscript delineated by (III): R. Dossett

Date: Sept. 1960

~~Revision by J. T. Gerlach~~

~~Oct. 1962~~

of compilation

Photogrammetric Office Review/by (III): I. I. Saperstein

Date: Sept. 1960

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

3-4

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

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
56773	9 Nov. 1957	1436	1:10,000	+0.2
57044	20 Nov. 1957	1159	"	0.0
57045	"	1200	"	0.0
57046	"	1200	"	0.0
57049	"	1205	"	0.0
57050	"	1206	"	0.0
62 W 4771	7 May 1962	1450	1:10,000	1.6 above MLW
thru 4774				

Predicted Tide (III)

Reference Station: MOBILE
Subordinate Station: MOBILE PT., FT. MORGAN
Subordinate Station: BON SECOUR, BON SECOUR RIVER

Ratio of Ranges	Mean Range	Spring Range
Diurnal	1.2	
Diurnal	1.6	

Washington Office Review by (IV): *Leo F. Bougnet, Atlantic Marine Center* Date: *March, 1962*Final Drafting by (IV): *Scribed L.L. Graves*
*Stickup C.C. Harris*Date: *Dec. 1961*
Mar. 1962

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 13

Shoreline (More than 200 meters to opposite shore) (III): 40 linear miles

~~Shoreline (Less than 200 meters to opposite shore) (III):~~

Control Leveling - Miles (II): None

Number of Triangulation Stations searched for (II): 19

Recovered: 7

Identified: 6

Number of BMs searched for (II): None

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): 1

Number of Temporary Photo Hydro Stations established (III): None

Remarks:

T-10993

COMPILATION RECORD

COMPLETION DATE

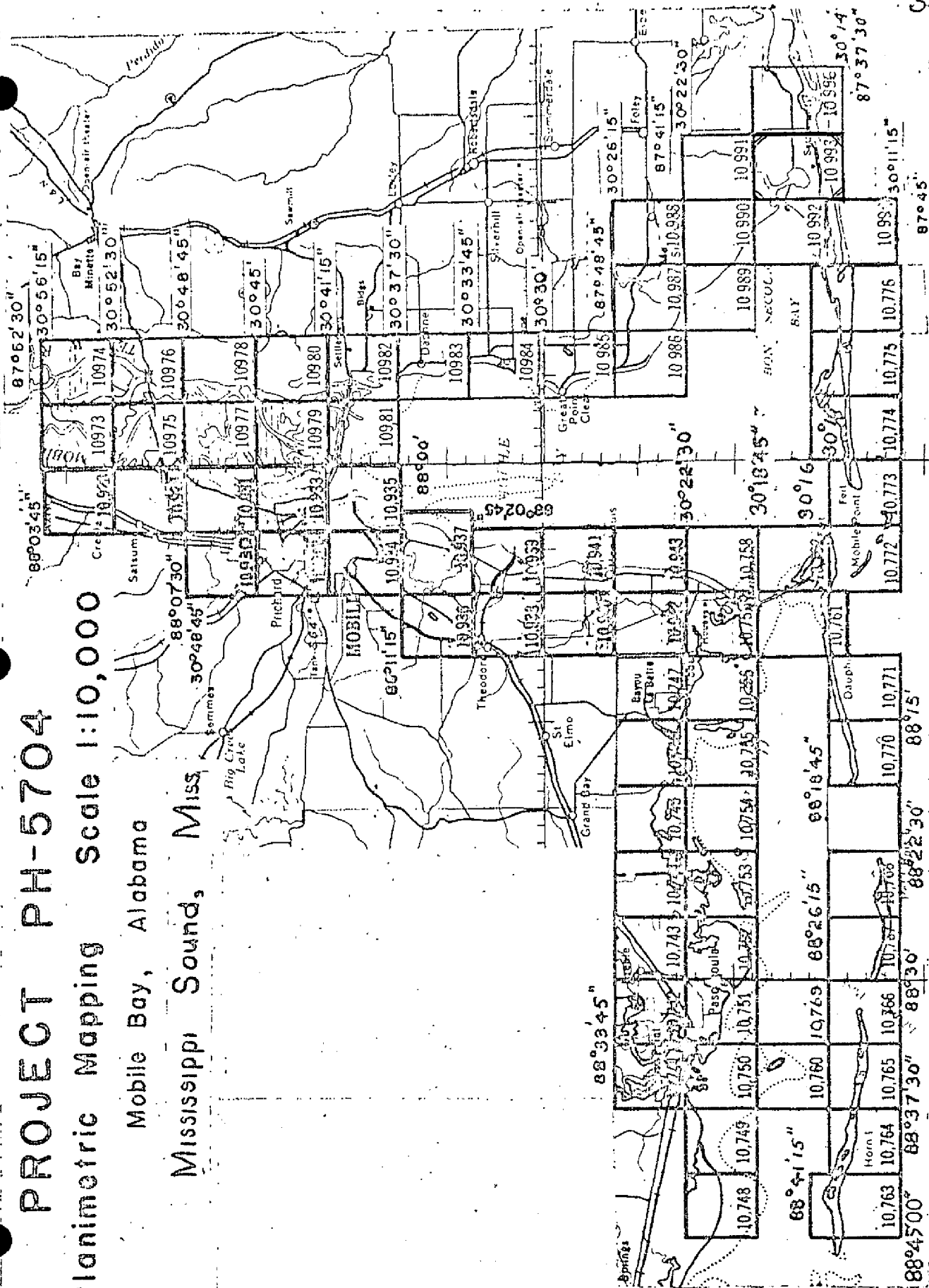
REMARKS

Compiled	September 1960	
Field Edit	July 1961	
Final Review	March 1968	

Planimetric Mapping

Mobile Bay, Alabama

Mississippi Sound, Miss.



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-10993

Planimetric Survey T-10993 is one of seventy-four similar surveys in Project PH-5704. The area encompassed by this survey includes a part of Bon Secour River, Oyster Bay, Little Lagoon, and a portion of the shoreline of the Gulf of Mexico.

Field work preceding compilation consisted of recovery and identification of horizontal control, shoreline and field inspection 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 ozalid prints and specially prepared photographs were furnished for preparation of the boat sheet, field edit use and location of photo-hydro stations.

The manuscript was a vinylite sheet 4 minutes 45 seconds in latitude by 3 minutes 45 seconds in longitude, which was scribed and reproduced on cronaflex. One cronaflex positive and one cronar negative are provided for record and registry.

* This map was revised in 1962. Refer to pages 29 and 30.

FIELD INSPECTION REPORT
Project Ph-5704
Maps T-10993, T-10994 and T-10996

2. Areal Field Inspection.

These maps are located in southwestern Alabama, along the southeastern side of Bon Secour Bay. The land area in general is low lying stretches of marsh, swamp and sand. The northeastern corner of map T-10993 and the northwestern corner of map T-10996 has some arable land. The cultivatable land is planted in potatoes and soy beans.

The area is served by an adequate network of federal, state and county highways.

The area along the gulf, in all three maps, is primarily a summer resort and is developed with cottages and other tourist attractions.

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

Photography was of fair to poor quality. The photographic tones were not consistent in the trees to swamp areas and in some of the marsh to grass areas. All doubtful areas were thoroughly checked in the field and the correct limits have been indicated on the photographs.

Field inspection notes have been made on the following nine-lens photographs; 56770 through 56776, 57044, 57045, 57049, 57102 and 57103.

3. Horizontal Control.

All Coast and Geodetic Survey and Alabama Geodetic Survey stations were searched for and where recovered were identified to aid in control of the plot.

Stations 359 and 489 of the Alabama Geodetic Survey were identified. These stations were established by third-order traverse.

No additional control was established by the field party.

Station MOON 1934 was reported lost and RM 2 was identified in lieu of the station.

The following stations were reported lost.

T-10993

MYER 1934

Pensacola-Mobile Beacon No. 12 1934

Pensacola-Mobile Beacon No. 14 1934

Pensacola-Mobile Beacon No. 95 1934

Pensacola-Mobile Beacon No. 105 1934

358, Ala. Geodetic Survey
360, Ala. Geodetic Survey
361, Ala. Geodetic Survey
362, Ala. Geodetic Survey
490, Ala. Geodetic Survey
592, Ala. Geodetic Survey
593, Ala. Geodetic Survey

T-10994

492, Ala. Geodetic Survey

T-10996

ROB 1934

MOON 1934

4. Vertical Control.

The only requirement for vertical control was the recovery of tidal bench marks. There are none within these maps.

5. Contours and Drainage.

Contours are inapplicable.

Drainage not self evident has been indicated on the photographs.

6. Woodland Cover.

All woodland was field inspected and classified on the photographs. See item 2 PP5.

7. Shoreline and Alongshore Features.

The mean high water line and apparent shoreline ^{were} ~~was~~ inspected by skiff and walking along the shore. It has been symbolized on the photographs.

The low water line was not inspected.

There is little or no foreshore within these maps.

There are no bluffs or cliffs.

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

Shore ends of submarine cables, where they exist, have been located on the photographs.

Shoreline inspection has been indicated on the following photographs 56770 through 56776, 57044, 57045 and 57103.

8. Offshore Features.

There are none.

9. Landmarks and Aids.

Form 567 covering maps T-10993 and T-10994 was submitted to Washington on 6 November 1959. Form 567 for map T-10996 is enclosed.

10. Boundaries, Monuments and Lines.

The entire area is within Baldwin County. A copy of the legal description of this county was included in a special report on boundaries. This report was submitted to Washington 2 March 1959.

A legal description of the corporate limits of Gulf Shores could not be obtained. The limits have been indicated on photographs 56774 and 56775. These limits were indicated in the field with the aid of Mr. J. O. Sims, Mayor, Gulf Shores, Alabama.

Legal descriptions and maps of the limits of Gulf State Park could not be obtained. The approximate limits have been indicated on photographs 56775 and 56776. It is suggested that these limits be compiled from the enclosed copy of U. S. G. S. FOLEY Quadrangle.

The west limits of Gulf State Park and the east limits of Gulf Shores are the same.

11. Other Control.

The following recoverable topographic stations were established.

<u>T-10993</u>	<u>T-10994</u>	<u>T-10996</u>
LONG 1959	JACK 1959	MOVE 1959
	KNOW 1959	NOON 1959

12. Other Interior Features.

All buildings and roads were inspected in accordance with Photogrammetry Instructions number 54 and 56.

Clearances for one bridge, in map T-10993, were requested. These clearances are horizontal 14.0 feet, vertical 5.6 feet. Clearances have been indicated on photograph 57045.

One airport is located in map T-10996. This is an auxiliary field for the U. S. Navy Pensacola facilities. The limits of the airport have been indicated on photograph 57049.

13. Geographic Names.

A systematic investigation of Geographic Names was not required. No discrepancies were noted during field inspection. No new names are recommended.

14. Special Reports and Supplemental Data.

Special Report Boundaries, Project Ph-5704, Alabama-Mississippi,
submitted to Washington 2 March 1959.

Form 567 Submitted to Washington 6 November 1959.

Form 567 (enclosed)

Foley Quadrangle (enclosed)

Submitted,

William M. Reynolds
William M. Reynolds
Acting Chief of Party

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T-10993

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	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
DEBACOLA - MOBILE BEACON No. 91	110	11A	101 23.10	3 1848.9 ✓			Pl. 095.2.25 July 1962
	11	1927	428 78.7	13 0694.5 ✓			✓ VPC. 11
	11	"	93 33.90	2 8447.8 ✓			11
SYLVIA 1934	27	"	401 624.44	12 9425.8 ✓			11
	"	"	110 912.04	3 3806.1 ✓			11
WITT 1934	"	"	423 424.95	12 9060.2 ✓			11
	27	"	106 793.19	3 2550.6 ✓			11
359 (AGS) 1936	27	"	423 248.33	12 9006.3 ✓			11
	27	"	95 056.01	2 8363.5 ✓			11
489 (AGS) 1939	11	"	430 176.95	13 1106.0 ✓			11
	11	"	96 818.96	2 9510.5 ✓			11
BON 1934	30	"	428 537.01	13 0618.3 ✓			11
	30	"	98 719.91	2 8563.8 ✓		STA. REPORTED LOST	11
361 (AGS) 1936	11	"	425 991.54	12 9849.5 ✓			11
	11	"	96 124.15	2 9295.7 ✓			11
592 (AGS) 1939	11	"	440 532.97	13 4074.7 ✓			11
	11	"	96 189.99	2 9315.8 ✓			11
593 (AGS) 1939	11	"	439 779.12	13 3740.1 ✓			11
382	11	"	93 802.60	2 8591.1 ✓			11
	11	"	426 654.45	13 0044.5 ✓		NOT PLOTTED	11
	11	"	106 261.88	3 2571.6 ✓			11
360 (AGS) 1936	27	"	422 403.26	12 5748.8 ✓		REPORTED LOST	11
	27	"	108 985.42	3 3218.8 ✓			11
857 (AGS) 1936	27	"	423 531.00	12 9092.8 ✓			11

1 FT = 3048006 METER
COMPUTED BY

DATE

20 Apr 60

CHECKED BY: P.E.S.

DATE

20 Apr 60

PHOTOGRAMMETRIC PLOT REPORT NO. 321. AREA COVERED

This plot covers the area bordering the south east part of Mobile Bay and Bon Secour Bay (manuscripts T-10985 through T-10992) and along the Gulf of Mexico from Pine Beach east to Romar Beach (manuscripts T-10993, T-10994 and T-10996).

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

22. METHODRadial Plot:

Map Manuscripts: The projections were mylar or vinylite and are 3'45" in latitude and longitude; with the two exceptions of T-10993 and T-10996, which are 4'45" in latitude.

The plot was run on the joined manuscripts.

Photographs: The nine-lens cronapaque photographs taken on 20 November 1957 at a scale 1:10,000 were used to run the plot.

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

Closure and adjustment to control: The plot was run from the north to the southeast with conventional methods being used.

All control was held.

Triangulation station POINT CLEAR, GRAND HOTEL WATER TANK 1960 (T-10985) was received after completion of the plot. The triangulation position coincided with the radial plot position.

23. ADEQUACY OF CONTROL

The control was adequate and the identification was good. SEYMOUR 2, 1960 was used in lieu of SEYMOUR 1935. See accompanying letter 3 June 1960 from Chief, Photogrammetry Division.

24. SUPPLEMENTAL DATA

None.

14-9

25. PHOTOGRAPHY

The cronapaque nine-lens photographs gave adequate coverage and the quality was good.

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-10985	25 May
T-10986	26 May
T-10987	27 May
T-10988	26 July
T-10989	27 July
T-10990	9 August
T-10991	8 August
T-10992	10 August
T-10993	12 August
T-10994	5 August
T-10996	11 August

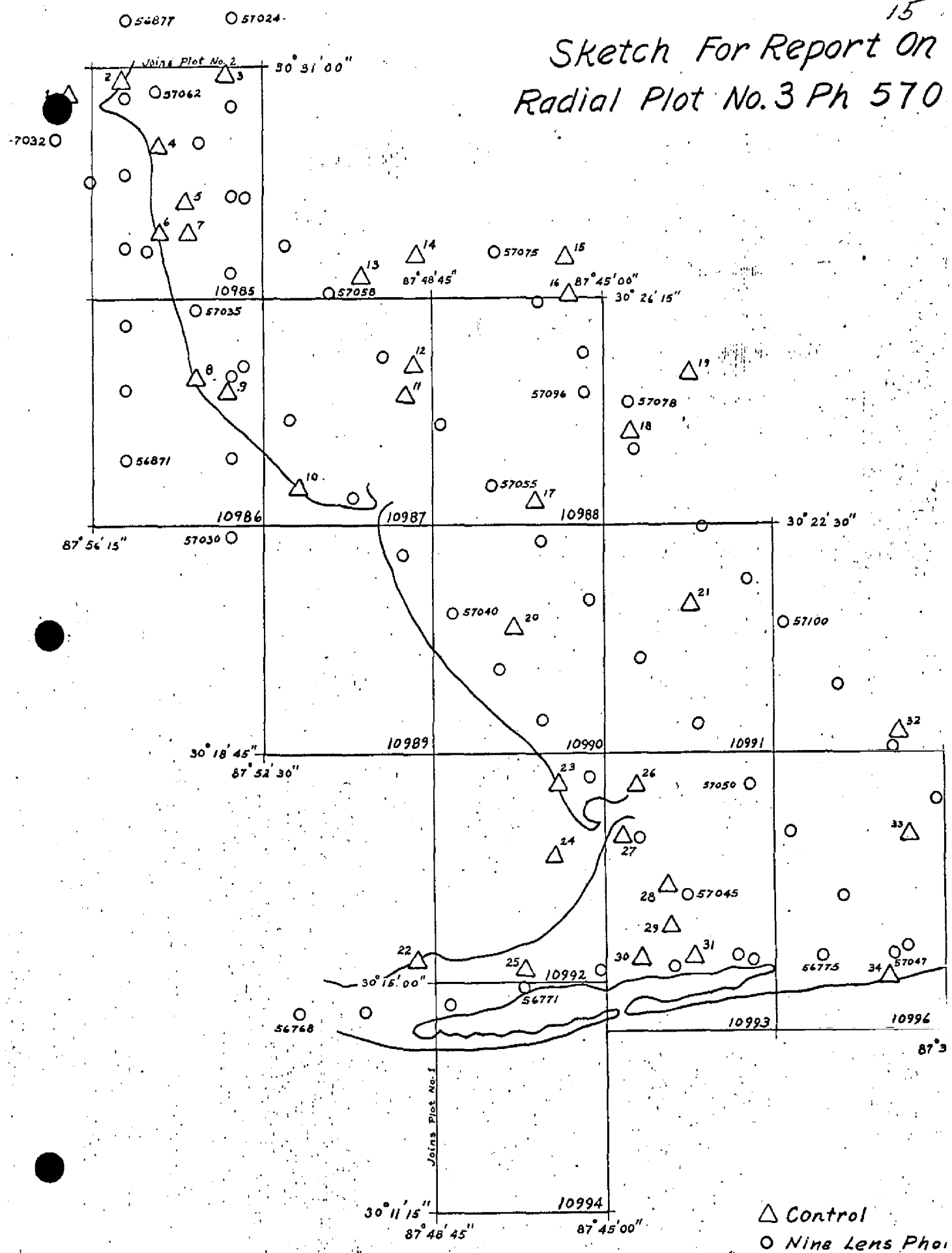
Respectfully submitted,

Robert R. Wagner
Robert R. Wagner
Cartographer (photo)

Approved and Forwarded:

Arthur L. Wardwell
Arthur L. Wardwell
Chief of Party

Sketch For Report On Radial Plot No.3 Ph 570



△ Control
○ Nine Lens Photo

CONTROL STATIONS

1. GREAT POINT CLEAR BEACON, 1935
2. SUB. STATION 87 (ALA. GEOD. SUR.)
3. " " 278 (ALA. GEOD. SUR.)
4. " " 84 (ALA. GEOD. SUR.)
5. " " SMILEY AZIMUTH MARK, 1930
6. " " 83 (ALA. GEOD. SUR.)
7. " " 82 (ALA. GEOD. SUR.)
8. " " MILLET R.M. 1, 1935
9. " " 703 (ALA. GEOD. SUR.)
10. " " MACK, 1934
11. " " YUPON, 1935
12. " " 215 (ALA. GEOD. SUR.)
13. " " 311 (ALA. GEOD. SUR.)
14. " " 310 (ALA. GEOD. SUR.)
15. " " 707 (ALA. GEOD. SUR.) 1941
16. " " 103 (ALA. GEOD. SUR.) 1941
17. " " 546 (ALA. GEOD. SUR.) 1938
18. " " 544 (ALA. GEOD. SUR.) 1938
19. " " POLEY, R.M. 2, 1934
20. " " BENTON, 1935
21. " " KAISER, 1959
22. " " BANK, 1918-1940
23. " " SKUNK 2, 1953
24. INTRACOASTAL WATERWAY, PENSACOLA - MOBILE LIGHT 152, 1959
25. SUB. STATION SEYMOUR 2, 1959
26. " " WITT, 1934
27. 359 (ALA. GEOD. SUR.) 1936
28. PENSACOLA - MOBILE BEACON NO. 91, 1934
29. SUB. STATION BOW, 1934
30. " " SYLVIA, 1934
31. " " 459 (ALA. GEOD. SUR.) 1939
32. " " CLEAR, 1934
33. " " HIGDON, 1934
34. " " MOON R.M. 2, 1934

157104

156777

14' 00"

ph

COMPILATION REPORT T-10993PHOTOGRAMMETRIC PLOT REPORT

Submitted with ~~T-10991~~ this report.

31. DELINEATION

The graphic method was used. The photographs were clear and of reasonably good scale. Some tilt was present in all photographs. Field inspection was adequate.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable. All drainage is evident on the photographs and has been verified by the field inspection.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline and alongshore details have been delineated according to field inspection notes. No low-water or shoals were shown, although numerous areas of grass in water, adjacent to shoreline, have been shown. The shoreline inspection was adequate.

36. OFFSHORE DETAILS

All offshore details have been shown.

37. LANDMARKS AND AIDS

Two fixed aids to navigation have been shown:--PENSACOLA-MOBILE LIGHT 139 was submitted to the Washington Office on Form 567 under date of 15 July 1960; PENSACOLA-MOBILE LIGHT 145 submitted under date of 5 October 1960.

There are no landmarks.

38. CONTROL FOR FUTURE SURVEYS

One recoverable marked topographic station has been established and listed under Item 49.

39. JUNCTIONS

A satisfactory junction has been secured with T-10996 on the east, T-10992 and T-10994 on the west, and T-10991 on the north. There is no survey southward into the Gulf of Mexico.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement required.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with USGS quadrangle FOLEY, scale 1:62,500, edition of 1943, surveyed in 1940-1941. Many man-made changes have occurred, among them the addition of new roads and a new cut from OYSTER BAY to BON SECOUR BAY. It will be noted that the passage between the Gulf of Mexico and Little Lagoon is now closed.

Comparison has also been made with Air Photo Compilations T-5497 and T-5534 dated 1934. Due to the elapsed time of the older surveys they are obsolete. However, it should be noted that the position of common detail is in very good agreement.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart 872, scale 1:40,000, revised to 5 October 1959.

The comparison is favorable except for the addition of a road along the gulf beach; also the passage between the Gulf of Mexico and Little Lagoon is now closed.

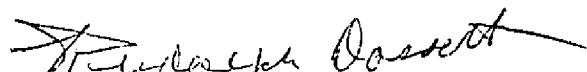
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

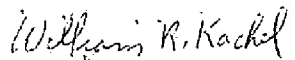
1915.

ITEMS TO BE CARRIED FORWARD

None.


Rudolph Dossett
Carto Photo Aid

APPROVED AND FORWARDED


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

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
MGR, C&GS
Tampa District Officer

WAR/o

48. GEOGRAPHIC NAME LIST

Names were taken from U.S.G.S. FOLEY quadrangle and air photo compilation T-5497.

ALABAMA -

BALDWIN COUNTY -

BLIND PT. *ajw* (9-68)

BEAR CREEK -

BON SECOUR -

BON SECOUR CHURCH AND CEMETERY - *20*

BON SECOUR RIVER

DIXIE GRAVES PARKWAY -

FRIENDSHIP CHURCH -

GULF OF MEXICO -

GULF SHORES -

GULF STATE PARK -

INTRACOASTAL WATERWAY -

LAGOON CHURCH -

LITTLE LAGOON -

OYSTER BAY -

SMITH CEMETERY -

STATE 180 -

STATE 182 - *ajw* (9-68)

Steiners Pt. *ajw* Trout Pt. *ajw* (9-68)

WALLACE CEMETERY -

WITT CEMETERY -

Willet Pt. *ajw* (9-67)

WHITE PT. *ajw* (9-67)

Names checked

and approved

12-10-65

A. J. Wright

49. NOTES FOR THE HYDROGRAPHER

The following is a topographic station which may be of use to the hydrographer:

LONG, 1959

21-7

50

PHOTOGRAMMETRIC OFFICE REVIEW
OF ADVANCE COMPILATION MANUSCRIPT
T-10993

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

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) IIS 7. Photo hydro stations XX 8. Bench marks XX 9. Plotting of sextant fixes XX 10. Photogrammetric plot report MMG 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 IIS 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 IIS 32. Public land lines XX

MISCELLANEOUS

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

40. I.I. Saperstein
Reviewer

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

M.M. Slavney
Supervisor M.M. Slavney

43. Remarks:

FIELD EDIT REPORT
MAPS T-10993, T-10994, T-10996
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 shore. The features shown on the manuscript were checked with the features on the ground. Corrections have been made on a field edit sheet for each manuscript and the following field photographs; 57043, 57045, 57049, and 56776. Additions or corrections have been noted in violet. Deletions have been noted in green. The field edit sheets and field photographs have been cross-referenced. The new roads and canals located on map T-10993 were located by standard planetable methods on the manuscript.

52. ADEQUACY OF COMPILATION

The compilation appears ^{good}~~good~~ and will be adequate after application of field edit information.

53. MAP ACCURACY

A check of the horizontal accuracy of the maps was not required.

54. RECOMMENDATIONS

None are offered.

55. EXAMINATION OF PROOF COPY

Mr. Harold W. Graham, Registered Engineer, Route 2, Box 120, Fairhope, Alabama and Mr. Claude W. Arnold, Registered Engineer, Fairhope, Alabama agreed to examine ~~proof~~ copies of any maps located in Baldwin County. Both men are long time residents and are qualified to make this examination.

A thorough investigation of the conflicts in geographic names was made. The recommended name for the point along the south side of Bon Secour River is "Steiners Point" and not Flashs Point. Local investigation revealed that the name of the entire Peninsula, before the Intercoastal Waterway was cut, was "Flashs Island," but the point in question has always been Steiners Point." The following local residents were contacted and all of them agreed on the name "Steiners Point;" Andrew Calloway, resident 50 years, James Holson, resident 30 years, O.D. Nelson, resident 74 years, and Harry Mund, resident 23 years. All of them are property owners and in the area and all the addresses are Route 3, Foley, Alabama.

The location of "Childress Point" was investigated for maps T-10993 and T-10994. "Childress Point" as mapped in T-10994 is correct. The point at the east limits of T-10994 is "Bill Childress Point". The point near the west limits of T-10993 is known locally as "Blind Point". The names "Trout Point," "Stantons Point", "Willet Point," and "White Point" are also recommended for mapping. All names have been placed correctly on the manuscripts. The following people agreed on the recommendations for names in this area; Mr. Lee Calloway, resident for 53 years, Mr. Sam Wallace, resident for 58 years, Mr. Dwight Steele, resident for 55 years, and Mr. J.O. Sims, resident for 10 years and mayor of Gulf Shores. The addresses of all the above people is Gulf Shores, Alabama. The first three people mentioned are or have been commercial fishermen.

Submitted,
William M. Reynolds
 William M. Reynolds

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REVIEW REPORT T-10993
PLANIMETRIC
March 7, 1968

61. GENERAL STATEMENT:

See Summary accompanying the Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with a copy of Air Photo Compilation T-5497 compiled from aerial photographs of July 1934. Many changes have occurred in the area since the compilation of T-5497. New roads and bridges, changes in positions of fixed aids to navigation, relocation of a section of the Intracoastal Waterway and general development have caused that survey to become obsolete for nautical chart construction.

Nearly all of the fixed aids to navigation shown on T-5497 have been removed; however, a submerged pile evidently remains at these positions. These appear to have been adequately located by the hydrographer on survey H-8634.

The many changes preclude their being listed by positions in this report. Please refer to the comparison print which is page 28 of this report for the more important items effecting nautical charting.

Survey T-10993 supersedes T-5497 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Comparison was made with USGS FOLEY, ALA.-FLA., 1:62,500 scale, 15 minute quadrangle, edition of 1943. Although the USGS quadrangle does not show the offshore features or aids to navigation in Bon Secour River, nearly all of the differences that exist between survey T-5497 and T-10993 also exist between the USGS quadrangle and T-10993. The more important of these changes are new roads, a new bridge at latitude $30^{\circ} 17' 00''$, longitude $87^{\circ} 44' 03''$ and the new cut for the Intracoastal Waterway in the vicinity of latitude $30^{\circ} 16' 45''$, longitude $87^{\circ} 44' 30''$.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with a copy of boat sheet H-8634, ECFP-10-4-61. The MHWL of the two surveys are in good agreement. The following detail shown on the hydrographic survey are not visible on photographs of the area and are not shown on survey T-10993.

	Latitude	Longitude
Piling *	30° 16' 39"	87° 43' 51"
Subm. pile *	30 16 41	87 43 52
Subm. pile *	30 16 50	87 44 04
Piles (2) *	30 17 08	87 44 06
Subm. pile	30 17 10	87 44 14
Subm. pile *	30 17 18	87 44 19
" " *	30 17 23	87 44 21
" " *	30 17 25	87 44 22
" " *	30 17 33	87 44 26
" " *	30 17 39	87 44 30
" " *	30 17 42	87 44 34
" " *	30 17 46	87 44 32
Pile *	30 17 40	87 44 23
Subm. pile *	30 17 44	87 44 43
Subm. pile	30 17 46	87 44 54
Subm. pile	30 17 29	87 44 57
Marker *	30 17 26	87 44 57
Fence *	30 17 21	87 44 54
Subm. pile	30 17 51	87 44 58
Subm. pile (4) *	30 17 51	87 44 45
Piles (2) *	30 17 51	87 44 34
Piling *	30 17 53	87 44 18
Marker	30 17 57	87 44 19
Piling (2)	30 18 06	87 44 08
Pile	30 18 07	87 44 04
Marker	30 18 23	87 43 37

All of the above marked with an asterisk also appear on Chart 872-SC either as a pile or submerged pile.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 872-SC, 3rd edition, corrected thru NM 37-Sept. 16, 1967. In addition to the objects listed in Item 64 which appear on the chart, the following also appear and are not visible on photographs:

	Latitude	Longitude
Platform	30° 17' 09"	87° 44' 12"
Platform	30 17 18	87 44 20
Pier	30 17 15	87 44 12
Pier	30 17 16	87 44 13
Pier	30 17 18	87 44 15
Pile	30 17 32	87 44 36
Platform	30 17 51	87 44 58
Platform	30 17 48	87 44 16
Platforms (2)	30 17 56	87 44 13
Platform	30 18 11	87 43 52
Pile	30 18 19	87 43 34

Pier ruins show at latitude 30° 18' 05", longitude 87° 44' 13" on T-10993 does not appear on the chart.

The overhead cable at latitude 30° 17' 06", longitude 87° 44' 03" is shown northward of its true position on the chart.

The fixed aids to navigation in Bon Secour River as shown on Chart 872-SC were not on station at the time of field inspection or field edit of this survey.

Refer also to the Comparison Print which is page 28 of this report.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Reviewed by:

Leo F. Beugnet
Leo F. Beugnet

Approved by:

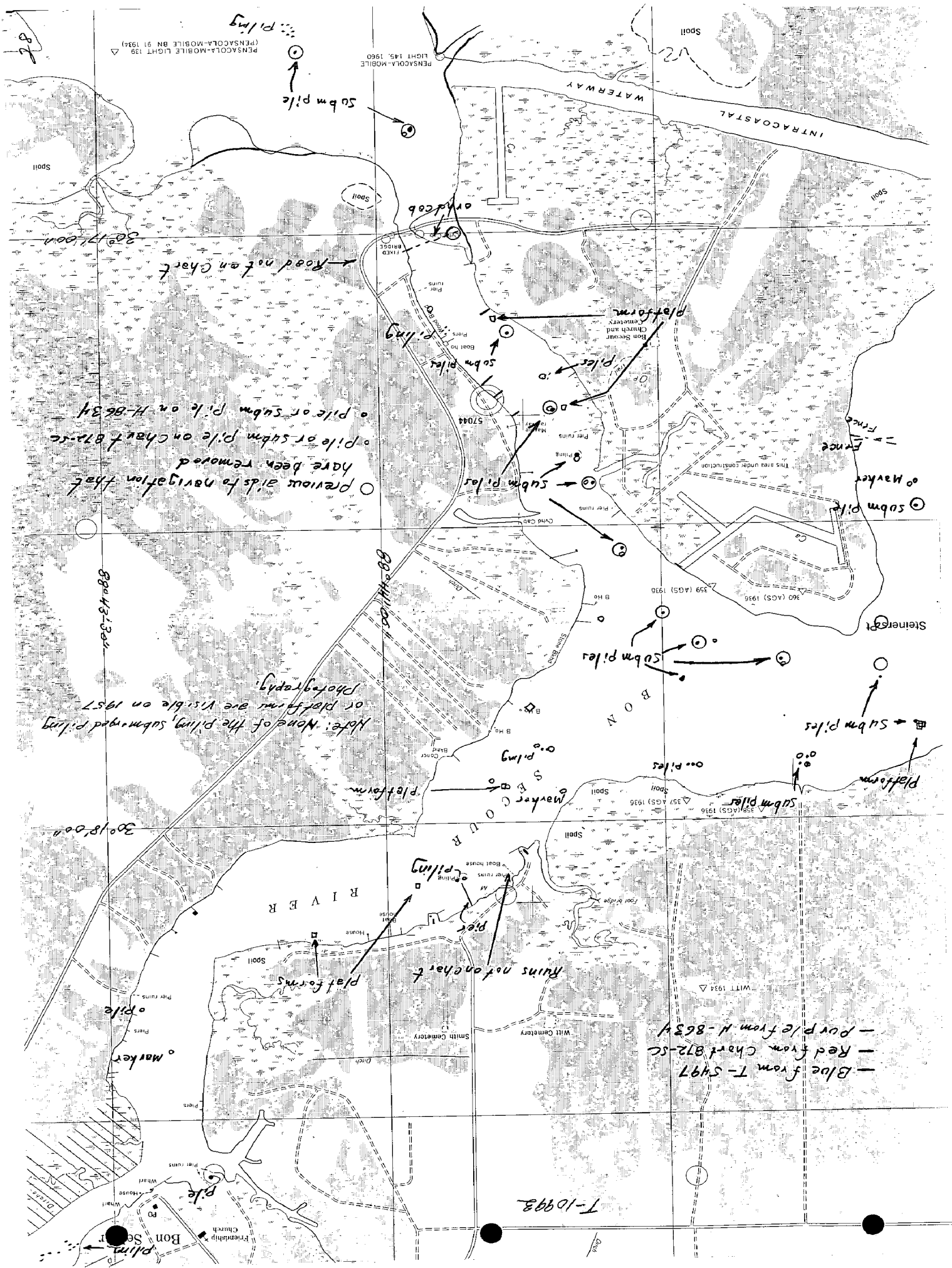
For Al Starb
J. Bull, RADM, USESSA
Director, Atlantic Marine Center

Approved by:

Charles L. Lunn
Chief, Photogrammetric Branch *ASD*

R. H. Mantley
Chief, Photogrammetry Sec. Div.

John C. Boyer
Chief, Nautical Chart Division
MARINE



PENSACOLA-MOBILE LIGHT 138
(PENSACOLA-MOBILE BN 91 1934)

PENSACOLA-MOBILE
LIGHT 145, 1960

Road not on chart

Previous aids to navigation that
have been removed
• pile or subm pile on chart 872-SC
• pile or subm pile on H-8634

Note: None of the piling, submerged piling
or platform are visible on 1957
photography.

RIVER

Ruins not on chart

Blue from T-5497
Red from chart 872-SC
Pur pile from H-8634

T-10993

INTRACOASTAL
WATERWAY

Subm pile

Subm piles

Subm piles

Marker

Pile

Piling

Pier

Boat house

Pier ruins

House

Boat

Boat

Subm pile

Subm piles

Subm piles

Subm piles

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Sub

PH-5704
Revision Data

RS- 896 (T-10993)

This map was one of 18 project maps revised in 1962 with 1962 photography. Refer to project revision diagram on the following page.

Revision Survey information was not carried forward to the original shoreline surveys. The revised details have been applied to contemporary hydrographic surveys.

Copies of the revision surveys will be filed with other project (PH-5704) data in the Federal Records Center.

Compilation reports for some revision surveys are lost. Available reports are included in the Descriptive Reports for the registered shoreline surveys. JHB

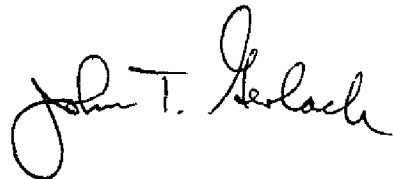
No report was found for this Survey (RS-896). Refer to page 29A

REVISION COMPILATION REPORT
T-10993
October 1962

(See Descriptive Report T-10763 thru T-10768 for the revision compilation report covering this manuscript.)

A project layout sketch indicating the photograph coverage and the project limits has been included on the next page.

1962 photo coverage was not available North of 30°16', thus revisions could not be made north of this latitude.

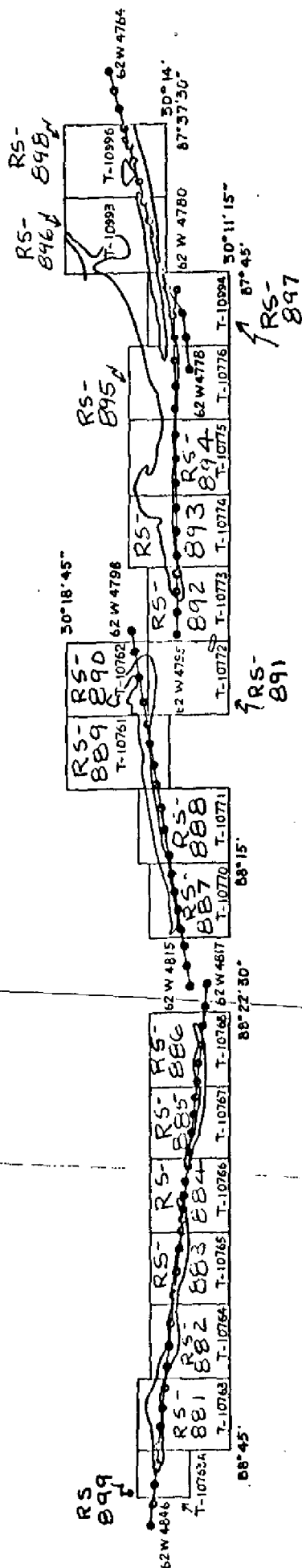


John T. Gerlach

PROJECT PH-5704 (REVISION)

MOBILE BAY, ALABAMA - MISSISSIPPI SOUND, MISS.

SCALE - 1:10,000
SEPTEMBER, 1962



• 1:20,000 RC-8 (Pan) Photographs. Photographs also 1:10,000 ratio prints for Hydro Support.