

10991

Original

10991

10991

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|--|--------------------|
| Form 504   |                    |
| U. S. DEPARTMENT OF COMMERCE   |                    |
| COAST AND GEODETIC SURVEY  |                    |
| DESCRIPTIVE REPORT   |                    |
| Type of Survey   | PLANIMETRIC        |
| Field No.  | Office No. T-10991 |
| LOCALITY   |                    |
| State  | ALABAMA            |
| General locality   | BALDWIN COUNTY     |
| Locality   | BON SECOUR RIVER   |
| 1957 - 1961  |                    |
| CHIEF OF PARTY<br>Joseph K. Wilson, Chief of Field Party<br>William R. Kachel, Tampa District Office |                    |
| LIBRARY & ARCHIVES   |                    |
| DATE   |                    |

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T- 10991

Project No. (II): **Ph-5704**

Quadrangle Name (IV):

Field Office (II): **Fairhope, Ala.**

Chief of Party: **Joseph K. Wilson**

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 & 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):

*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): **KAISER 1959**

Lat.: **30°21'42.853" (1319.6 m)**

Long.: **87°43'47.097" (1257.7 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): **W. M. Reynolds**  
**Matthew A. Stewart**

Date: **January 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: 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): **V. P. Cackowski**

Date: **Apr. 1960**

Control checked by (III): **M. V. Carver**

Date: **Apr. 1960**

Radial Plot ~~of stereoscopic~~

Date: **Aug. 1960**

~~Stereoscopic~~ by (III): **R. R. Wagner**

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

Date:

Date:

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

Date: **Oct. 1960**

**of compilation**  
Photogrammetric Office Review by (III): **R. R. Wagner**

Date: **Oct. 1960**

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

Date:

# DESCRIPTIVE REPORT - DATA RECORD

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

3 A

Camera (kind or source) (III): **C&GS 9-lens**

| Number | Date             | Time  | Scale    | Stage of Tide |
|--------|------------------|-------|----------|---------------|
| 57051  | 20 November 1957 | 12:05 | 1:10,000 | - 0.1         |
| 57052  | " "              | 12:06 | "        | "             |
| 57098  | " "              | 12:56 | "        | Inapplicable  |
| 57099  | " "              | 12:57 | "        | "             |
| 57100  | " "              | 12:58 | "        | "             |

## Predicted Tide (III)

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

| Ratio of<br>Ranges | Mean<br>Range | Spring<br>Range |
|--------------------|---------------|-----------------|
| Diurnal            |               | 1.5             |
| "                  |               | 1.6             |

Washington Office Review by (IV): *Leo F. Beugnot, Atlantic Marine Center* Date: *Feb. March 1968*

Final Drafting by (IV): *Scribed L.L. Graves*  
*Stickup C.C. Harris* Date: *Jan. 1962*  
*Mar. 1962*

Drafting verified for reproduction by (IV): Date:

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): **15**  
Shoreline (More than 200 meters to opposite shore) (III): **10**  
~~Shoreline (Less than 200 meters to opposite shore) (III):~~

Control Leveling - Miles (II): **Inapplicable**

Number of Triangulation Stations searched for (II): **7** Recovered: **0**

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**

Identified: **1\***

Identified:

Remarks: **\* 1 station established.**

4  
T-10991

COMPILATION RECORD

COMPLETION DATE

REMARKS

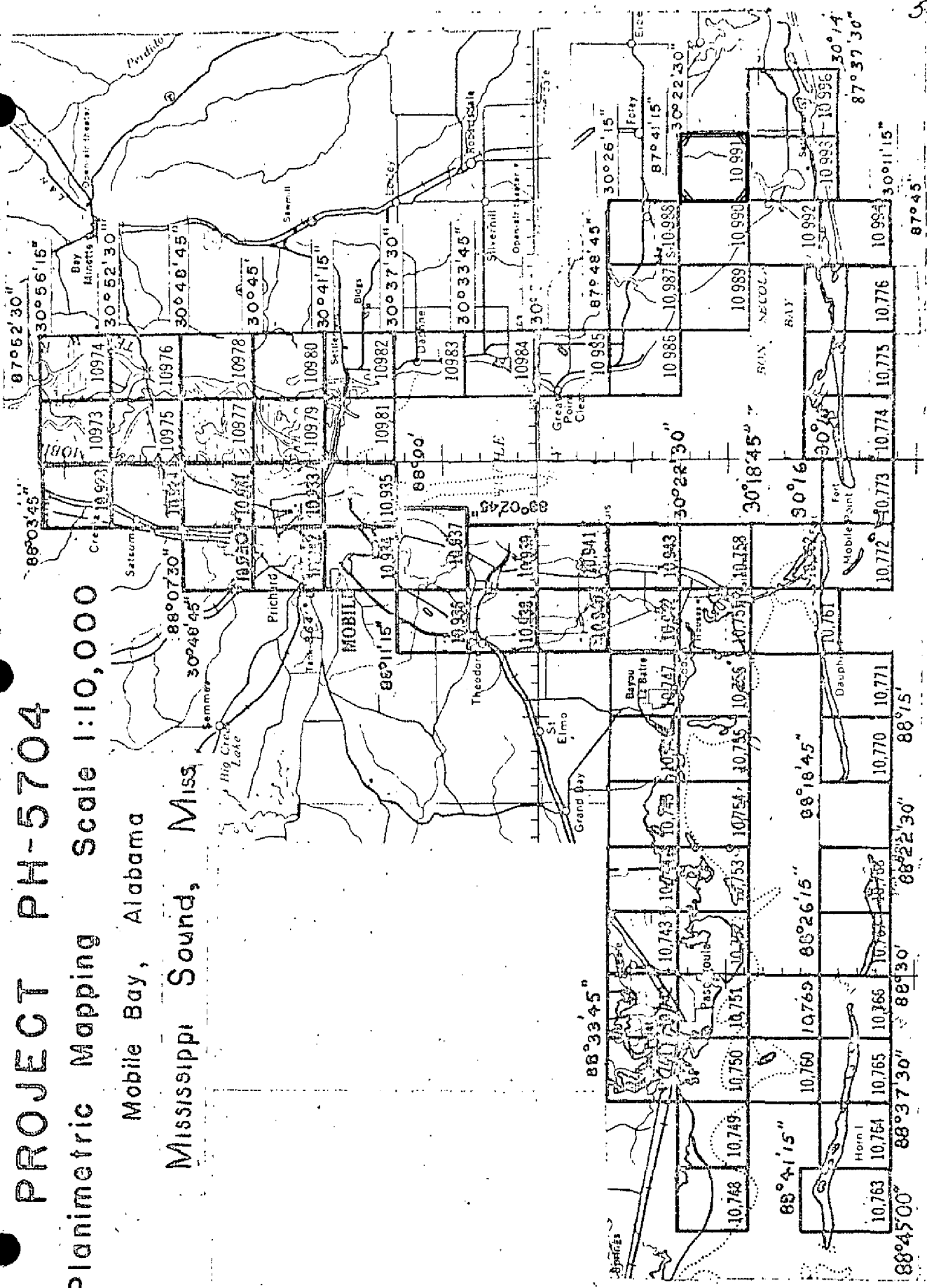
|              |              |  |
|--------------|--------------|--|
|              |              |  |
| Compiled     | October 1960 |  |
| Field Edit   | July 1961    |  |
| Final Review | March 1968   |  |
|              |              |  |
|              |              |  |

# PROJECT PH-5704

Planimetric Mapping Scale 1:10,000

Mobile Bay, Alabama

Mississippi Sound, Miss



6

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-10991

Planimetric Survey T-10991 is one of seventy-four similar surveys in Project PH-5704. It covers a part of Bon Secour River in the area of the town of Bon Secour.

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 ozalid copies and specially prepared photographs were furnished for preparation of the boat sheet, location of photo-hydro signals and field edit purposes.

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

FIELD INSPECTION REPORT  
Maps T-10991 and T-10992  
Project Ph-5704

## 2. Areal Field Inspection.

These maps are located in southwestern Alabama, in Baldwin County, along the easterly side of Mobile Bay. Map T-10991 is primarily open land devoted to farming. Map T-10992 is along the shore of the bay and is only partially developed. The principal developments being summer cottages. It is also heavily wooded with both trees and swamp.

The area is adequately served with federal, state and county highways. The Intracoastal Waterway crosses T-10992 in an east to west direction.

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

The photographs were of fair to poor quality. The tone changes were not consistent, especially in tree to swamp areas. This is also true in some of the marsh areas. The doubtful areas were checked closely during field inspection and the correct limits have been indicated on the photographs.

Field inspection notes have been indicated on the following nine-lens photographs; 57043, 57044, 57051, 57053, 57080, 57081, 56770, 56771 and 56772.

## 3. Horizontal Control.

All Coast and Geodetic Survey and Alabama Geodetic Survey Stations were searched for and where recovered were identified. The Alabama Geodetic Survey Stations were established by third-order traverse.

Station KAISER 1959 was established in map T-10991. This station was established from a single closed triangle with the aid of a Geodetic Party.

Four lights along the Intracoastal Waterway were established by intersection from previous triangulation. These stations are Pensacola-Mobile Lights 152, 163, 175 and 189. Field computations are enclosed.

The following stations were reported lost;

### T-10991

351 Ala. Geo. Survey  
352 Ala. Geo. Survey  
353 Ala. Geo. Survey  
354 Ala. Geo. Survey  
355 Ala. Geo. Survey  
356 Ala. Geo. Survey  
364 Ala. Geo. Survey

### T-10992

SKUNK 1935  
SKUNK 2 1953  
SECOURS 1935  
Pensacola - Mobile  
Beacon no. 119 1934  
Pensacola - Mobile  
Beacon no. 123 1934  
491 Ala. Geo. Survey  
493 Ala. Geo. Survey

4. Vertical Control.

The recovery or establishment of vertical control was not required except for tidal bench marks. There was none of these 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 cover was field inspected and has been classified on the photographs.

7. Shoreline and Alongshore Features.

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

The low water line has not been inspected.

There is little or no foreshore within these maps.

There are no prominent bluffs or cliffs.

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

There are no submarine cables.

There are no other shoreline structures.

8. Offshore Features.

The only offshore features are the aids to navigation.

9. Landmarks and Aids.

Form 567 for Landmarks and Fixed Aids to Navigation was submitted to Washington on 6 November 1959.

10. Boundaries, Monuments and Lines.

The entire area is within Baldwin County and there are no incorporated towns.

11. Other Control.

One recoverable topographic station, Isle 1959, was established by three-point fix in map T-10992.

12. Other Interior Features.

Buildings and roads have been classified, on the photographs, in accordance with Photogrammetric Instructions No. 54 and 56.

There are no bridges or cables over navigable waters.

There are no airports or landing fields.

13. Geographic Names.

A systematic investigation of Geographic Names was not required. No discrepancies in names were encountered during field inspection.

14. Special Reports and Supplemental Data.

Letter of Transmittal No. 8 Submitted to Washington on 6 November 1959.

Submitted,

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

MAP T. 10991

PROJECT NO. 5704

SCALE OF MAP

SCALE OF MAP 1:10,000

SCALE FACTOR

| STATION           | SOURCE OF INFORMATION (INDEX) | DATUM      | LATITUDE OR y-COORDINATE<br>LONGITUDE OR x-COORDINATE | DISTANCE FROM GRID IN FEET,<br>OR PROJECTION LINE IN METERS |        | DATUM CORRECTION | N.A. 1927 - DATUM |        | FACTOR DISTANCE<br>FROM GRID OR PROJECTION LINE<br>IN METERS |        |
|-------------------|-------------------------------|------------|---|---|--------|------------------|-------------------|--------|--|--------|
|                   |                               |            |   | FORWARD   | (BACK) |                  | FORWARD           | (BACK) | FORWARD  | (BACK) |
| KAISER 1959       | Unadl.<br>Fiedl.              | NA<br>1927 | 30 21 42853"  |   |        |                  | 1219.6            |        | X  | ✓      |
|                   |                               |            | 87 43 47097   |   |        |                  | 1257.7            |        | ✓  |        |
| 364 (A.G.S.) 1936 | Belgium<br>Co.<br>37          | "          | 129, 294.22   | 3   | 9409.0 |                  |                   |        | X  |        |
|                   |                               |            | 421, 504.02   | 13  | 8474.7 |                  |                   |        | ✓  |        |
| 353 (A.G.S.) 1936 | "                             | "          | 122, 280.78   | 3   | 7271.3 |                  |                   |        | ✓  |        |
|                   |                               |            | 431, 531.77   | 13  | 1551.1 |                  |                   |        | X  |        |
| 352 (A.G.S.) 1936 | "                             | "          | 132, 936.58   | 4   | 0519.2 |                  |                   |        | X  |        |
|                   |                               |            | 431, 194.08   | 13  | 1519.7 |                  |                   |        | ✓  |        |
| 351 (A.G.S.) 1936 | "                             | "          | 123, 940.07   | 1   | 0825.0 |                  |                   |        | ✓  |        |
|                   |                               |            | 431, 540.59   | 13  | 1533.8 |                  |                   |        | ✓  |        |
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1-11 - 3648506 WTTTC  
COMPUTED BY: *Raw*

DATE 27 May 60

CHECKED BY apc

1

22 Jan 1947

COMM-DC-57843

11-8

PHOTOGRAMMETRIC PLOT REPORT NO. 3

21. 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 10<sup>3</sup> 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 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.

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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)

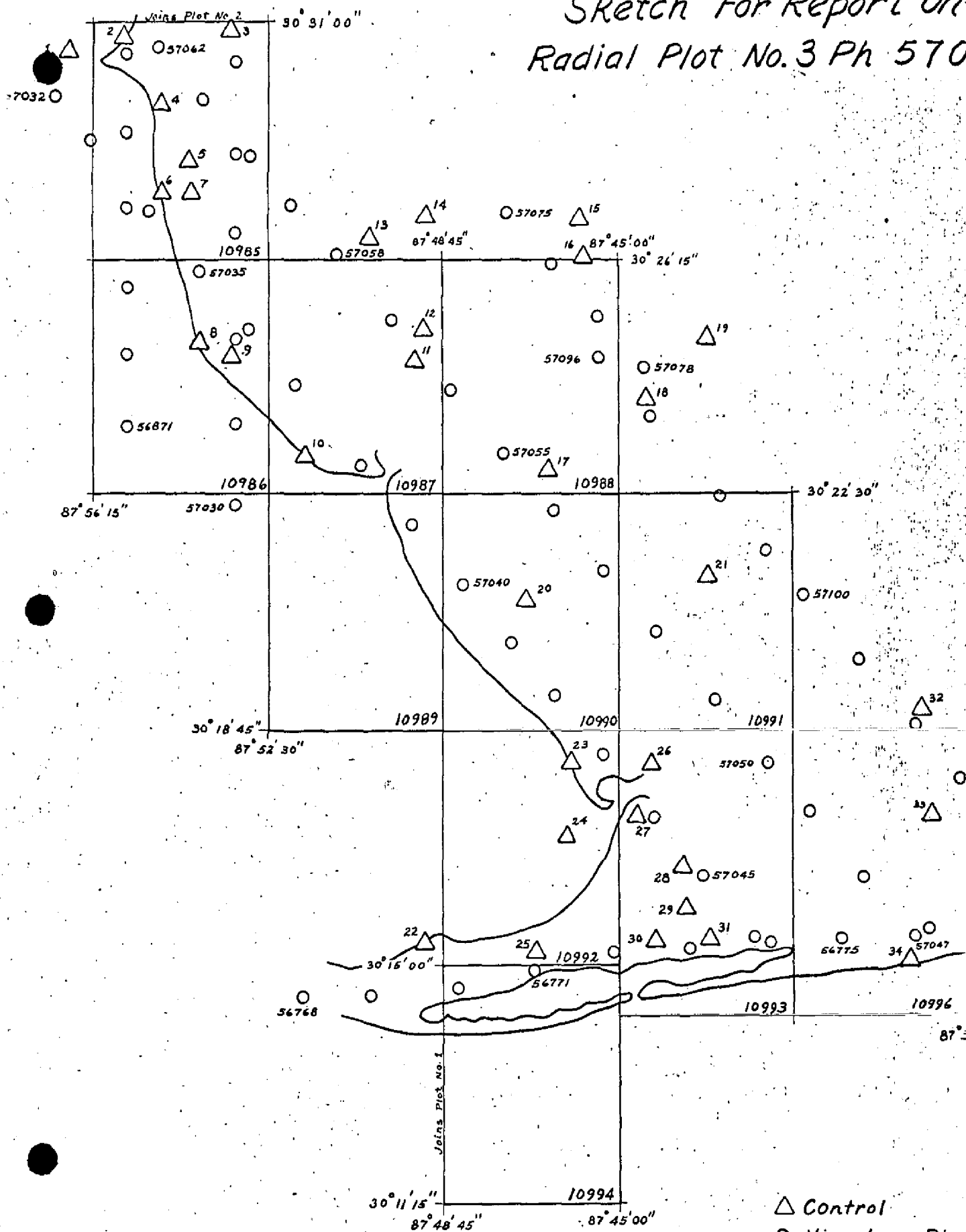
Approved and Forwarded:

*Arthur L. Wardwell*  
Arthur L. Wardwell  
Chief of Party

56877 57024

13

# Sketch For Report On Radial Plot No. 3 Ph 570



△ Control  
○ Nine Lens Pho

# 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. " " 216 (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. " " FOLEY, 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 SETMOUR 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. " " 489 (ALA. GEOD. SUR.) 1939
32. " " CLEAR, 1934
33. " " HIGDON, 1934
34. " " MOON R.M. 2, 1934

57104

56777

4' 00"

ph

COMPILATION REPORT T-10991

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-10994

31. DELINEATION

The graphic method was used. The photographs were of fairly poor scale and the clarity was average. The field inspection was adequate with the exception of the details mentioned in Item 34.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

The drainage was delineated by the field inspector but when some of the inspection, particularly in swamps, was disproved by the details on other photographs all the drainage that could not be seen was doubted; see note on field photograph 57081. Only the drainage identified by thorough stereoscopic examination has been shown on the manuscript. Please refer to the letter dated 10 October 1960 on DRAINAGE, PH-5704 to Chief Photogrammetry Division from Tampa District Office for more information about this.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline and alongshore details were delineated according to the field inspection which was adequate. No low-water or shoal lines were shown.

36. OFFSHORE DETAILS

None.

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  
1COR, C&GS  
Tampa District Officer

WAR/o

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Satisfactory junctions were made with the following:  
T-10993 to the south, T-10990 to the west, No contemporary survey to the north and to the east.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with the U.S.G.S. quadrangle FOLEY, ALA-FLA, 1:62,500, edition of 1943 and C&GS Air Photo Compilation T-5497, 1:10,000 from photographs flown in July 1934 and T-5528 1:20,000 from photographs flown in July 1934. The comparisons were favorable except for the changes due to the passing of time.

47. COMPARISON WITH NAUTICAL CHARTS

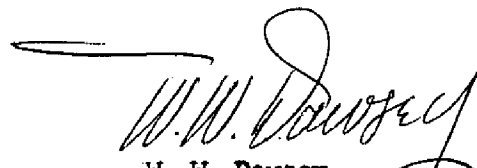
Comparison has been made with nautical chart No. 1266, scale 1:80,000, edition of 16 Nov. 1959. The maps listed under Item 46 were probably in part the source of the topography for this chart and the same differences exist. It is noted that a row of piling along 1300 feet of the north side of Bon Secour River is shown on the chart but was not noted by our field inspection and no evidence is visible on the photographs.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

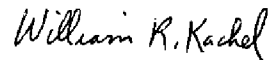
None.

ITEMS TO BE CARRIED FORWARD

None.

  
W. W. Dawsey  
Cartographer (Photo)

Approved and Forwarded:

  
William R. Kachel  
Chief of Party

48. GEOGRAPHIC NAME LIST

Nautical Chart 1266 and Geological Survey quadrangle FOLEY  
see Item 46 were the sources for the geographic names.

ALABAMA

BALDWIN COUNTY  
BON SECOUR  
BON SECOUR RIVER

OAK

PLEASANT VIEW CHURCH

ST. MARYS CHURCH  
ST. PETERS CHURCH  
SWIFTS SCHOOL  
SKUNK BAYOU ✓

Names checked &  
2 approved

12 - 10 - 65

A. J. Wraight

19 15

50

PHOTOGRAMMETRIC OFFICE REVIEW  
OF ADVANCE COMPILATION MANUSCRIPT  
T-10991

1. Projection and grids RRW 2. Title RRW 3. Manuscript numbers RRW 4. Manuscript size RRW  
4a 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) XX 7. Photo hydro stations XX 8. Bench marks XX  
9. Plotting of sextant fixes XX 10. Photogrammetric plot report MMS 11. Detail points RRW

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

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

40. R.R. Wagner Reviewer M.M. Slavney 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 M.M. Slavney

43. Remarks:

20 14.

FIELD EDIT REPORT  
MAPS T-10990, T-10991, T-10992  
PROJECT Ph-5704

51. METHODS

Field edit was confined to checking the delineation of the shoreline and the area immediately adjacent thereto.

The shoreline was traversed by skiff running close to shore and by walking along the beach. Several measurements were taken from identifiable points to verify the accuracy of the manuscripts.

All additions or corrections have been noted on a field sheet for each manuscript. These field edit notes have been made with a violet pencil. No photographs were used for the edit of these three sheets.

52. ADEQUACY OF COMPILATION

From visual inspection and occasional measurements, the compilation appears good.

53. MAP ACCURACY

Horizontal accuracy checks of the manuscripts were 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 longtime residents and familiar with the area covered by these manuscripts.

The name "Seymour Bluff" in map T-10992 applies to the low bluff along Bon Secour Bay and not to the settlement. This was verified by Mr. Willie Galloway. Mr. Galloway is a retired rural mail carrier and lives at the end of the road where the name is placed on the map. The name of the community

was "Gasque" many years ago, but this name became obsolete when the post office by the same name was discontinued. The present name is "Shell Bank Community." This name ~~was~~ is not recommended for mapping since its limits are general and cover an area of several miles along the highway to Fort Morgan,

No other discrepancies in names were noted.

Submitted,  
William M. Reynolds

*William M. Reynolds*

REVIEW REPORT T-10991  
PLANIMETRIC  
March 1, 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-5528, 1:20,000 scale, compiled from photography of July 1934. The two surveys are in good general agreement with the exception of additional roads in the vicinity of Bon Secour and the dredging of some small boat slips in the vicinity of latitude  $30^{\circ} 19' 30''$ , longitude  $87^{\circ} 42' 30''$  along the Bon Secour River.

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. The two surveys are in good general agreement except for additional roads and the dredging of boat slips as mentioned in Item 61.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with a copy of smooth sheet H-8634, ECFP-10-4-61. The two surveys are in good agreement.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 872-SC, 3rd edition, corrected thru NM37-September 16, 1967. The two surveys are in good agreement with the exception of the fixed aids to navigation. They were established subsequent to the compilation and field edit of this survey.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

There is no comparison print to accompany this survey.

Reviewed by:

Leo F. Beugnet  
Leo F. Beugnet

Approved by:

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

Approved by:

Charles F. Hemen  
Chief, Photogrammetric Branch, US

R. H. Houtster  
Chief, Photogrammetry Division

John D. Boyer  
Chief, Nautical Chart Section  
Marine