

10992

ORIGINAL

26901

10602

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	PLANIMETRIC
Field No.	Office No. T-10992
LOCALITY	
State	ALABAMA
General locality	MOBILE - BON SECOUR BAYS
Locality	BON SECOUR RIVER ENTRANCE
1961-1962	
CHIEF OF PARTY	
Joseph K. Wilson, Chief, Photo Party 720	
William R. Kachel, Tampa District Office	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087



DESCRIPTIVE REPORT - DATA RECORD

T-10992

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 April 1959 (Office)

9 September 1959 (Stereo Bridging)

17 August 1959 (Office Suppl. 1)

6 October 1959 (Office Suppl. 1)

17 August 1959 (Field Suppl. 2)

10 November 1959 (Field and Office Suppl. 3)

Location of Aids to Navigation dated 7 Oct. 1959

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV):

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): SEYMOUR 2 1959

Lat.:  $30^{\circ}15'13.610''$  (419.1 m.)

Long.:  $87^{\circ}47'26.364''$  (704.8 m.)

Adjusted \*  
Unadjusted \*

Plane Coordinates (IV):

State:

Zone:

Y=

X=

\*Position received from Photogrammetry Division, and it is not known if the position is adjusted, see bound letter.

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: 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): **V. P. Cackowski**

Date: **July 1960**

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

Date: **July 1960**

~~Radial Plot or Stereoscopic~~ **R. R. Wagner**  
~~Control extension~~ by (III):

Date: **Aug. 1960**

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

Date:

Date:

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

Date: **Sept. 1960**

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

Date: **Oct. 1960**

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

Date:



## DESCRIPTIVE REPORT - DATA RECORD

3 A.

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

Number	Date	Time	Scale	Stage of Tide
56770	9 Nov. 1957	1434	1:10,000	+0.2
56771	"	1435	"	+0.2
56772	"	1435	"	0.0
57042	20 Nov. 1957	1158	"	0.0
57043	"	1159	:	0.0

## Predicted Tide (III)

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

Ratio of Ranges	Range	Spring Range
Diurnal	1.2	
"	1.6	

Washington Office Review by (IV): *Leo F. Beugnot, Atlantic Marine Center*Date: *March, 1968*Final Drafting by (IV): *Scribed L.L. Graves*  
*Stickup L.L. Graves*Date: *Nov. 1961*  
*Mar. 1962*

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **5**Shoreline (More than 200 meters to opposite shore) (III): **13**~~Shoreline (Less than 200 meters to opposite shore) (III):~~Control Leveling - Miles (II): **Inapplicable**Number of Triangulation Stations searched for (II): **8**Recovered: **1**Identified: **2**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:

Eleven (11) triangulation stations were established in 1959. Four (4) are within this map; one was identified. The other seven (7) are intersection stations (Intracoastal Waterway lights) and are west of this map and not covered by photogrammetric surveys.



4

T-10992

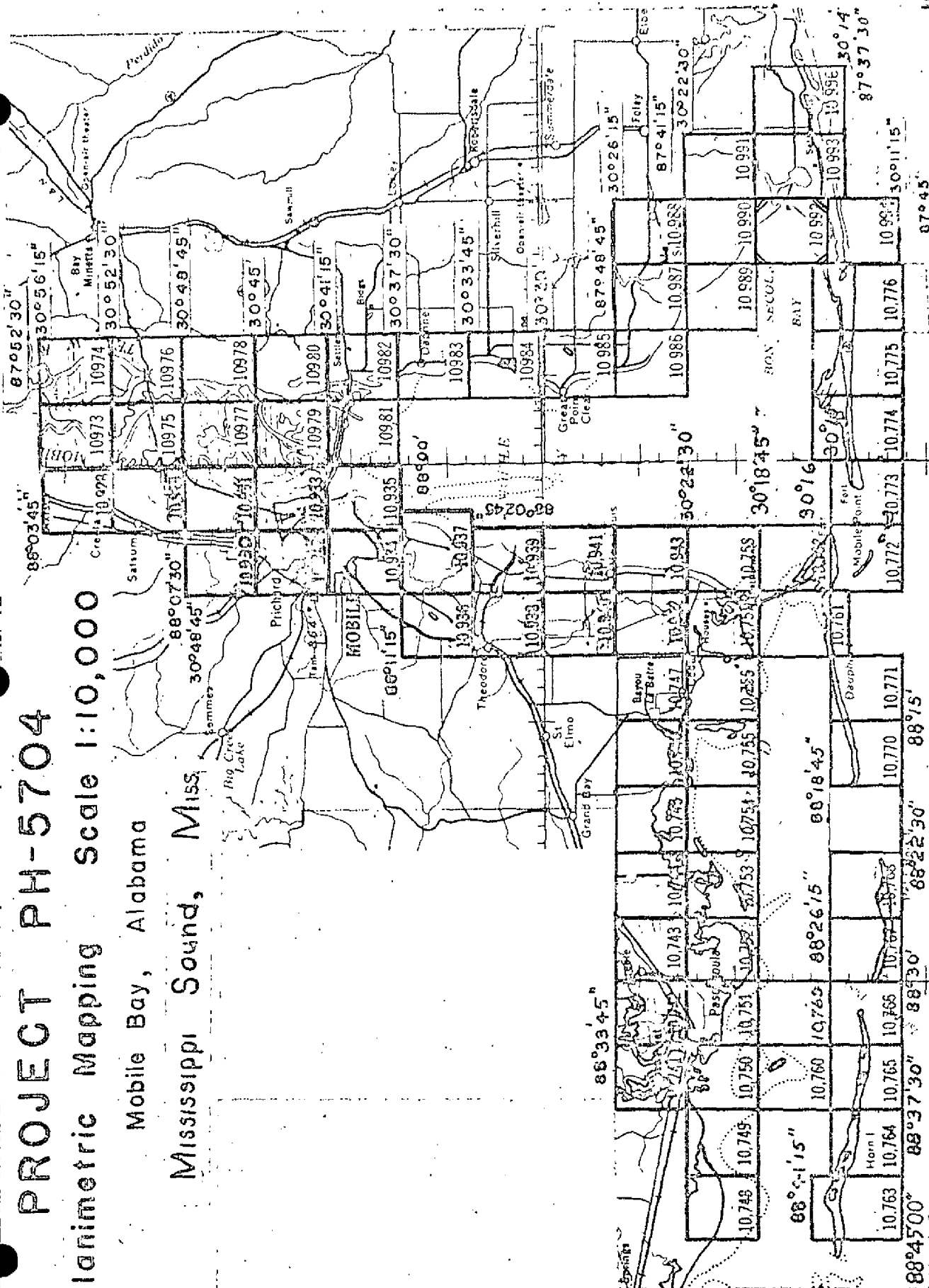
COMPILATION RECORD	COMPLETION DATE	REMARKS
Compiled	September 1960	
Field Edit	July 1961	
Final Review	March 1968	

# PROJECT PH-5704

Planimetric Mapping Scale 1:10,000

Mobile Bay, Alabama

Mississippi Sound, Miss.



SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-10992

Planimetric Survey T-10992 is one of seventy-four similar surveys in Project PH-5704. This survey covers the easterly end of Bon Secour Bay and the entrance to Bon Secour River.

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

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 cronar 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





// 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.

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

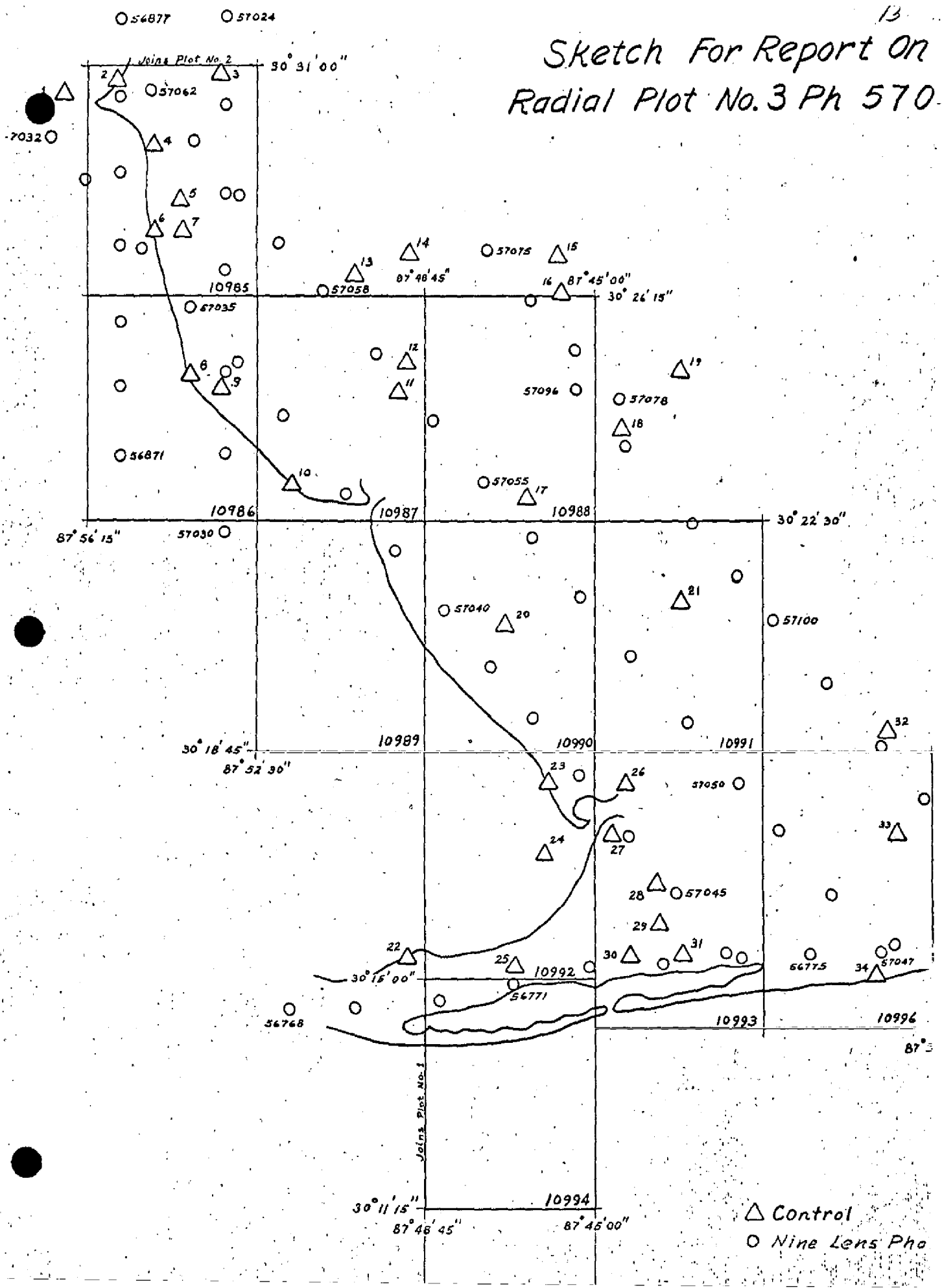
Respectfully submitted,

*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 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. " " MULLET 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 SEYMOUR 2, 1959
26. " " WITT, 1934
27. 359 (ALA. GEOD. SUR.) 1936
28. PENSACOLA - MOBILE BEACON NO. 91, 1934
29. SUB. STATION BGM, 1934
30. " " SYLVIA, 1934
31. " " 489 (ALA. GEOD. SUR.) 1939
32. " " CLEAR, 1934
33. " " HIGDON, 1934
34. " " MOON R.M. 2, 1934

157104

56777

4' 00"

ph

COMPILATION REPORT T-10992

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-10994.

31. DELINEATION

The graphic method was used. The photographs were not too clear in the vicinity of Sand Bayou. The scale was reasonably good. Some tilt was present in all photographs. Field inspection was adequate.

32. CONTROL

See photogrammetric plot report. Also refer to letter in this report from Chief, Photogrammetry Division, regarding station SEYMOUR, 1935 and SEYMOUR 2, 1959.

33. SUPPLEMENTAL DATA

None used.

34. CONTOURS AND DRAINAGE

Inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

Considerable "grass in water" noted by the field inspector has been so delineated in addition to two piers and a bulkhead at Seymour Bluff.

36. OFFSHORE DETAILS

None noted by field inspector.

37. LANDMARKS AND AIDS

There are no landmarks. Form 567 covering nonfloating aids to navigation was submitted under date of 15 July 1960, except for Intracoastal Waterway, Pensacola - Mobile Light 147. A radial plot position has been determined for this light and Form 567 submitted on 5 October 1960.

38. CONTROL FOR FUTURE SURVEYS

Form 524 has been submitted for one recoverable topographic station. It is listed under item 49.

39. JUNCTIONS

A satisfactory junction has been secured with T-10776 on the west, T-10990 on the north, T-10993 on the east and T-10994 on the south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with Army Map Service quadrangle WEEKS BAY, ALABAMA, scale 1:50,000, copied in 1954 from U.S.G.S. quadrangle WEEKS BAY, 1:62,500 scale, surveyed by planetable in 1940-41. The shoreline along the south shore of Bon Secour Bay agreed favorably. The shoreline in the vicinity of Bon Secour River and the present Intracoastal Waterway showed changes. Comparison was also made with USC&GS Air Photo Compilation T-5534, scale 1:10,000, compiled from photographs dated June 23, 1934. Due to the elapsed time, this map is considered obsolete.

47. COMPARISON WITH NAUTICAL CHARTS

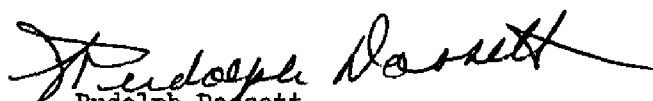
Comparison has been made with Nautical Chart No. 872, scale 1:40,000 corrected to July 1960. Comparison was favorable.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

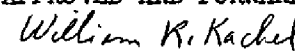
None.

ITEMS TO BE CARRIED FORWARD

None.

  
Rudolph Dossett  
Carto Photo Aid

APPROVED AND FORWARDED

  
William R. Kachel  
Tampa District Officer



-16A-

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  
ECUR, C&GS  
Tampa District Officer

WAR/o

48. GEOGRAPHIC NAME LIST

Geographic names were taken from Army Map Service WEEKS BAY, ALABAMA and nautical chart No. 1266. There are no conflicts.

## ALABAMA

BALDWIN COUNTY  
BON SECOUR BAY  
BON SECOUR RIVER

CHILDRESS CEMETERY

DIXIE GRAVES PARKWAY

INTRACOASTAL WATERWAY

LONG BAYOU

MILLER MEMORIAL CEMETERY

SAND BAYOU  
SEYMOUR BLUFF  
STATE 180

*Names checked  
& 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:

ISLE, 1959

1812

50

PHOTOGRAMMETRIC OFFICE REVIEW  
OF ADVANCE COMPILATION MANUSCRIPT  
T-10992

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) WHS 7. Photo hydro stations XX 8. Bench marks XX 9. Plotting of sextant fixes XX 10. Photogrammetric plot report MMS 11. Detail points WHS

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

33. Geographic names WHS 34. Junctions WHS 35. Legibility of the manuscript WHS 36. Discrepancy overlay XX 37. Descriptive Report WHS 38. Field inspection photographs XX 39. Forms WHS 40. W. H. Shearouse

W. H. Shearouse

Reviewer

Supervisor, Review Section or Unit

M. M. Slavney  
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

Supervisor

M. M. Slavney  
M. M. Slavney

43. Remarks:

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

20 15.

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-10992  
PLANIMETRIC  
March 4, 1968

61. GENERAL STATEMENT:

See Summary accompanying the Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with copies of Air Photo Compilation T-5497, T-5528 and T-5534, all compiled from photography of July 1934. The following differences were noted:

The fixed aids to navigation numbered 117, 119, 121, 123, 125, 127, 129, 131, 133, and 135 as shown on T-5497 and T-5534 have all been removed.

The MHWL in the area of  $30^{\circ} 16' 45''$  -  $87^{\circ} 45' 15''$  has been changed by a spoil bank created by dredging part of the Intra-coastal waterway.

Piling and oyster stakes shown on T-5497, at the positions listed below are not visible on photographs of the area:

	Latitude	Longitude
oyster stakes	$30^{\circ} 17' 36''$	$87^{\circ} 45' 06''$
piling	$30^{\circ} 17' 39''$	$87^{\circ} 45' 03''$
piling	$30^{\circ} 17' 44''$	$87^{\circ} 45' 14''$
piling	$30^{\circ} 17' 50''$	$87^{\circ} 45' 04''$

Refer also to the Comparison Print which is page 24 of this report.

Survey T-10992 supersedes the prior listed surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Comparison was made with USGS WEEKS BAY, ALA., 1:62,500 scale, 15 minute quadrangle, edition of 1943, reprinted in 1950. The two surveys are in good agreement except in the vicinity of latitude  $30^{\circ} 16' 54''$ , longitude  $87^{\circ} 45' 06''$  where a new cut has been made for the Intracoastal Waterway and a spoil area has changed the MHWL to the southwest.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with a copy of boat sheet H-8634, ECFP-10-4-61. The following objects located by the hydrographer are not visible on photographs of the area:

	Latitude	Longitude
marker	30° 17' 05"	87° 45' 14"
subm. pile	30° 17' 04"	87° 45' 15"
subm. pile	30° 17' 11"	87° 45' 07"
subm. piling(3)	30° 17' 40"	87° 45' 03"
subm. piling(3)	30° 17' 44"	87° 45' 13"
subm. piling(4)	30° 17' 50"	87° 45' 03"
subm. pile	30° 17' 17"	87° 45' 00"

Comparison was also made with a copy of H-8633, ECFP-10-7-61. No discrepancies were noted.

#### 65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 872-SC, 3rd edition, corrected thru NM 37-September 16, 1967. The following, which appear on the chart, are not visible on photographs of the area:

	Latitude	Longitude
pile	30° 17' 05"	87° 45' 14"
pile	30° 17' 11"	87° 45' 07"
pile	30° 17' 17"	87° 45' 00"
piling	30° 17' 39"	87° 45' 03"
piling	30° 17' 44"	87° 45' 13"
piling	30° 17' 50"	87° 45' 03"

Bon Secour River Light 2 is not shown on T-10992. It was established subsequent to field inspection and field edit of this survey. Pensacola - Mobile Lights 147 and 175 were either moved or rebuilt in 1962.

The MHWL of the chart and this survey are not in agreement in the vicinity of latitude 30° 16' 45", longitude 87° 45' 15". The MHWL of the chart is believed to have been revised from later photography than that used in compiling survey T-10992. See page 24 of this report for comparison purposes.

#### 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:

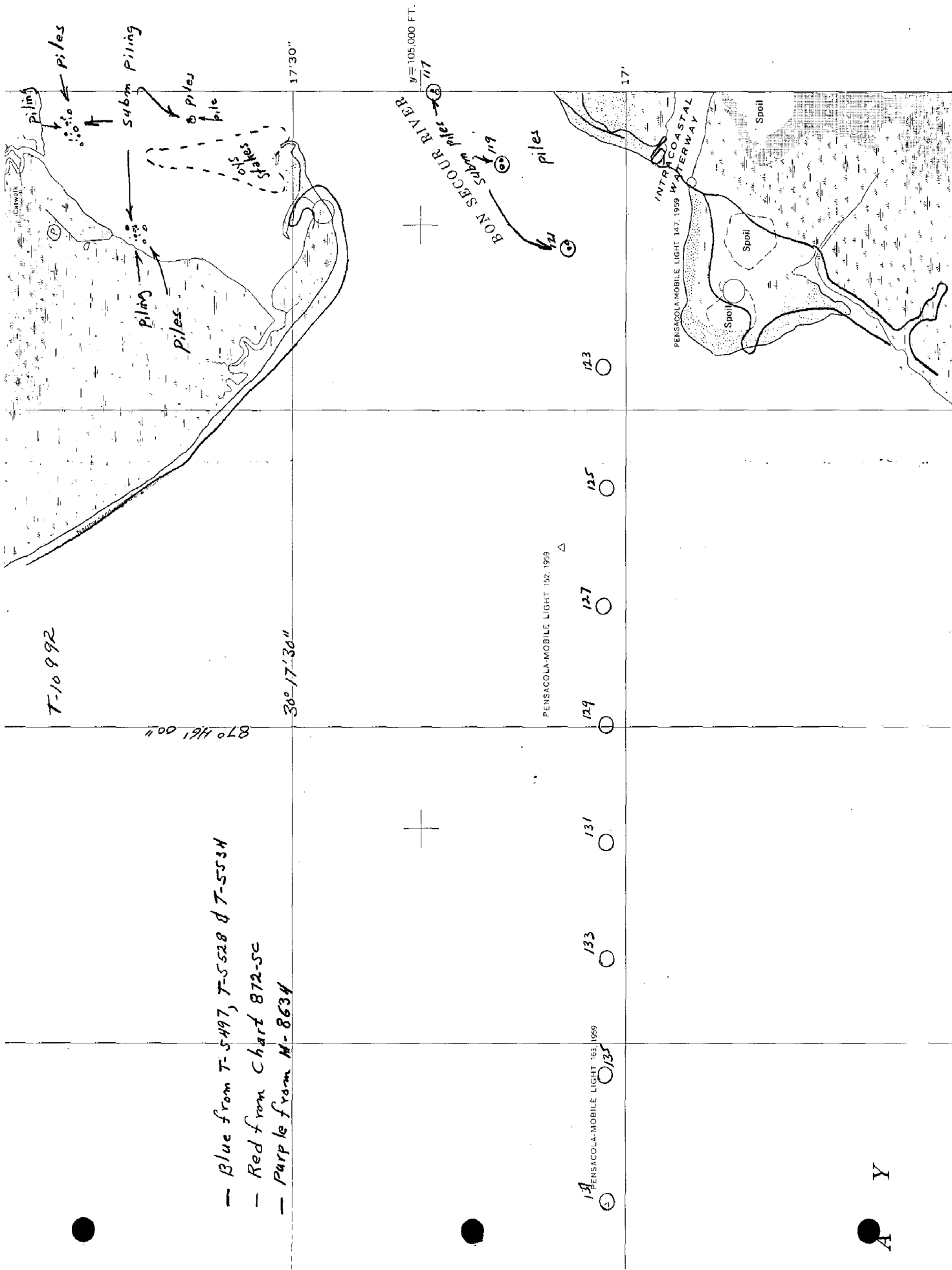
For Mr. Stark  
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