

# 9506

N 85

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Diag. Cht. Nos. 1216-2 & 1217-2

Form 504

## U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

### DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Ph-59 (50) Office No. T-9506

#### LOCALITY

State New Jersey

General locality Atlantic & Cape May Counties

Locality Marmora

1945

#### CHIEF OF PARTY

Harry F. Garber, Chief of Party.

Hubert A. Paton, Baltimore Photo. Office

#### LIBRARY & ARCHIVES

DATE February 3, 1956

B-1870-1 (1)

9506

## DATA RECORD

T - 9506

Project No. (II): **Ph-59(50)**      Quadrangle Name (IV):Field Office (II): **Pleasantville, N. J.**Chief of Party: **Harry F. Garber**Photogrammetric Office (III): **Baltimore, Maryland**Officer-in-Charge: **Hubert A. Paton**Instructions dated (II) (III): **26 May 1950**Copy filed in Division of  
Photogrammetry (IV)  
Office FilesMethod of Compilation (III): **Graphic**Manuscript Scale (III): **1:10,000**Stereoscopic Plotting Instrument Scale (III): **\_\_\_\_\_**Scale Factor (III): **1,000**

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No. **1217**Date: **8-53**

Date registered (IV):

**OCT 21 1955**Publication Scale (IV): **1:24,000**

Publication date (IV):

Geographic Datum (III): **N.A. 1927**

Vertical Datum (III):

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 of ~~mean lower low water~~Reference Station (III): **SWAN , 1935**Lat.: **39° 18' 17.223" (531.1 m)** Long.: **74° 40' 11.231" (269.1 m)**Adjusted  
~~XXXXXX~~

Plane Coordinates (IV):

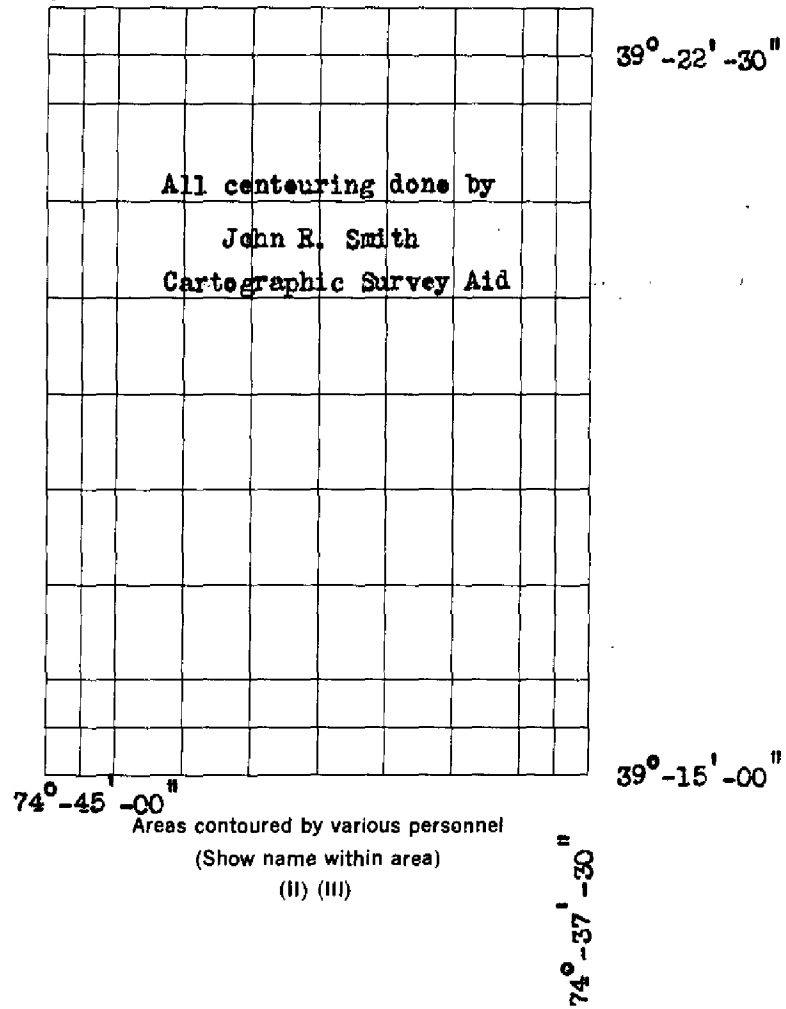
State: **New Jersey** Zone:

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.



## DATA RECORD

Field inspection by (II): John R. Smith, Cartographic Survey Aid Date: June, 1950 to Aug., 1950

Planetable contouring by (II): John R. Smith, Cart. Sur. Aid Date: June, 1950 to Aug., 1950

Completion Surveys by (II): Joseph K. Wilson Date: 5 June 1952

Mean High Water Location (III) (State date and method of location):

Projection and Grids ruled by (IV): T.L.S. Date: 1-8-51

Projection and Grids checked by (IV): H.D.W. Date: 1-16-51

Control plotted by (III): B. Kurs Date: 4-26-51

Control checked by (III): R. Hartley Date: 7-6-51

Radial Plot ~~XXXXXXXXXX~~ Date:   
~~Control extension~~ by (III): F. J. Tarcza Dec. 1951

Planimetry Date: \_\_\_\_\_

Stereoscopic Instrument compilation (III): Date: \_\_\_\_\_

Contours

Manuscript delineated by (III): C. Kable Date:   
 J. B. Phillips 4-28-51

Photogrammetric Office Review by (III): R. Glaser Date: 12-4-52  
 ( after field edit )

Elevations on Manuscript Date:   
 checked by (II) (III): R. Glaser 12-4-52

Camera (kind or source) (III): U.S.C. & G.S. single lens type "0" camera - 6" focal length

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
50-0-728-736	4-16-50	0945-0954	1:10,000	land area
759-766	"	1003-1006	"	3.3 above MLW
781	"	1025	"	land area
782-785	"	1025-1026	"	2.2 above MLW
786-787	"	1027	"	land area
800	"	1053	"	land area
801-804	"	1054-1055	"	1.8 above MLW
50-0-805-806	"	1056	"	1.8 above MLW

## Tide (III)

## From Predicted Tide Tables

Reference Station: Sandy Hook, New Jersey  
 Subordinate Station: Scull Landing, Great Egg River  
 Subordinate Station: Great Egg Bay (Hwy. Br.)  
 Peck Bay (34th St. Br.)  
 Washington Office Review by (IV): K. N. Maki

Ratio of Ranges	Mean Range	Spring Range
—	4.6	5.6
0.8	3.6	4.4
0.8	3.7	4.5
0.8	3.7	4.5
Date: 9-9-53		

Final Drafting by (IV): F. L. JOHNSON - T-9506-N -  
 " " T-9506-S

Date: 3/4/55

Drafting verified for reproduction by (IV):

Date: 6/16/55

Proof Edit by (IV):

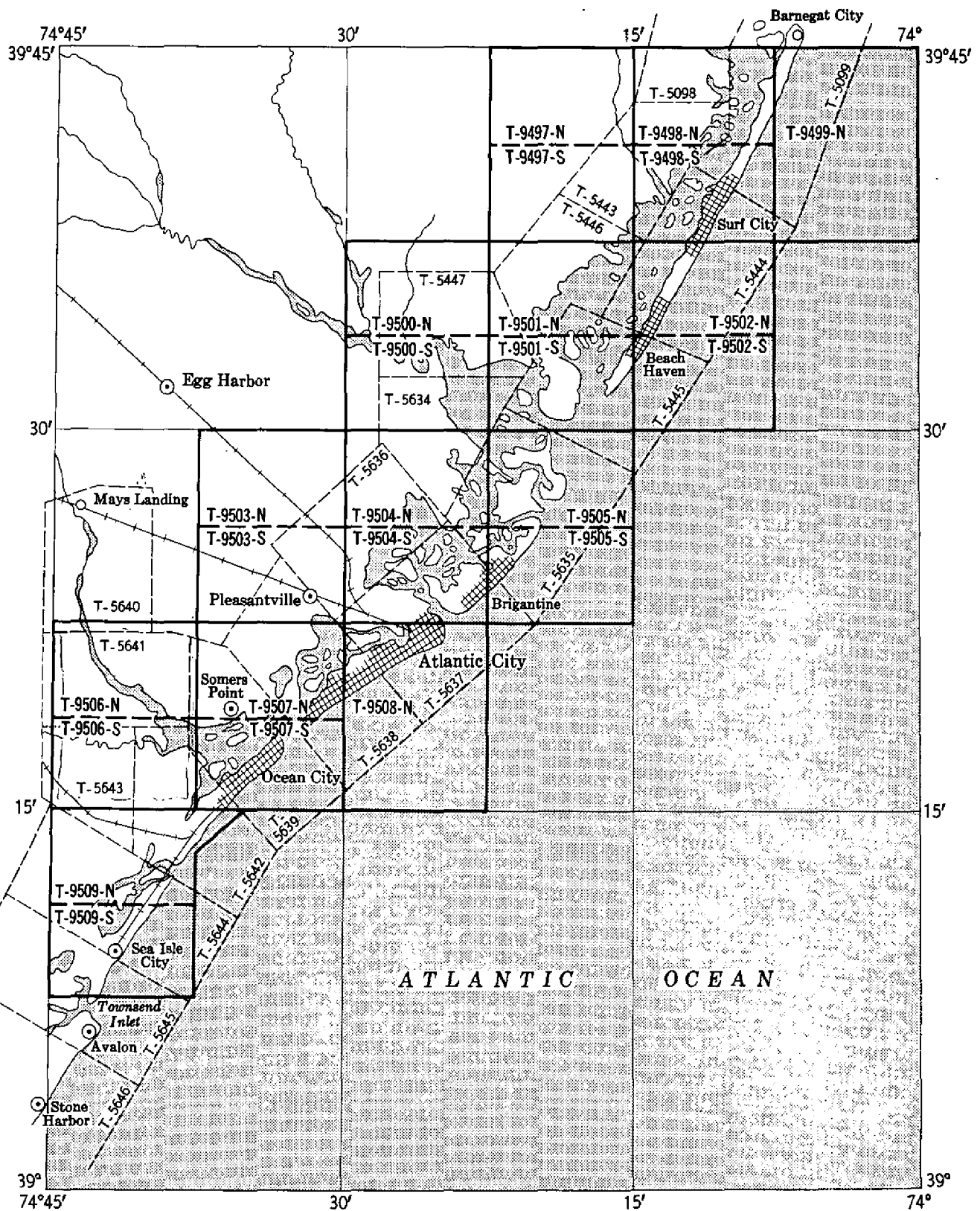
Date:

Land Area (Sq. Statute Miles) (III): 52 sq. mi.  
 Shoreline (More than 200 meters to opposite shore) (III): 21 statute mi.  
 Shoreline (Less than 200 meters to opposite shore) (III): 110 statute mi.  
 Control Leveling - Miles (II): 30.0  
 Number of Triangulation Stations searched for (II): 51 Recovered: 43 Identified: 16  
 Number of BMs searched for (II): 10 Recovered: 5 Identified: 4  
 Number of Recoverable Photo Stations established (III): 3 \*  
 Number of Temporary Photo Hydro Stations established (III):

## Remarks:

\* Also one previously established station was searched for but not recovered.

## NEW JERSEY COAST, Townsend Inlet to Barnegat City



T-9497-N, T-9497-S to T-9509-N, T-9509-S are Topographic Maps  
 Mapped by the U.S.C. and G.S. from aerial photographs to be taken in 1950  
 Scale 1:10,000

## Summary to Accompany Descriptive Report T-9506

Topographic map T-9506 is one of 13 similar maps in project Ph-59(50). This project covers the New Jersey coast from Townsend Inlet north to the borough of Barnegat Light. This map was compiled by graphic methods. The field operations preceding compilation included complete field inspection and the determination of numerous elevations for planetable contouring. The compilation was at a scale of 1:10,000. The manuscript consists of 2 sheets each  $3\frac{3}{4}'$  in latitude by  $7\frac{1}{2}'$  in longitude. The entire map was field edited. The map is to be published by the Geological Survey at a scale of 1:24,000 as a standard  $7\frac{1}{2}'$  topographic quadrangle. The registered copies under T-9506 will include 2 one-half quadrangle cloth-mounted prints at scale 1:10,000 identified as T-9506 N/2 and T-9506 S/2 and one cloth-mounted color print at scale 1:24,000 of the entire quadrangle. Hydrographic information furnished by this Bureau, depth curves and soundings, will be included on the color print.

FIELD INSPECTION REPORT  
QUADRANGLE T-9506  
39-15-CO / 74-37-30  
Project Ph-59(50)

Harry F. Garber, Chief of Party

The field work for this quadrangle was done in accordance with Instructions dated 26 May 1950, Project Ph-59(50), under the direction of Joseph K. Wilson, Supervisor. Field work, in addition to these phases listed on pages 2 and 3 was done by the following personnel:

<u>Name and Title</u>	<u>Phase</u>	<u>Date</u>
Leo F. Beugnet	Horizontal Control	1 August 1950 to
Cartographic Survey Aid	Recovery and Shoreline	28 August 1950

This report is written in accordance with Paragraph 724 of the Preliminary Edition of the Topographic Manual dated June 1949.

2. AREAL FIELD INSPECTION

This quadrangle lies in the southeastern portion of Atlantic County and the northern part of Cape May County.

There are four small villages within the quadrangle, namely, Petersburg, Marmora, Scullville, and the western portion of Corbin City.

The Great Egg River bisects the quadrangle from northwest to southeast. Numerous tributaries lead west and south from the above river, the largest of which is the Tuckahoe River.

U. S. Highway 9 (N. J. State Highway 4) runs in a southwest-northeast direction through the eastern portion of the quadrangle. N. J. State Highway 50 runs in a southeast-northwest direction through the western portion of the quadrangle. The remainder of the area is adequately served by secondary roads.

The Pennsylvania Reading Seashore Line Railroad runs through the southwestern portion of the quadrangle.

The State of New Jersey owns and operates a public hunting and fishing ground near the village of Tuckahoe. The limits of the state property have been delineated on the photographs. (See Special Boundary Report for this project).



The quadrangle is composed of about 60% marsh, 10% cultivated area, and the remainder pine and oak.

Truck farming is the chief occupation, with some small-scale lumbering.

No difficulty was encountered in the interpretation of the photographs. The light grey tones denote oak, the dark tones within the swamps are cedar, and the darker tones on high ground are pine.

The field inspection is believed to be complete.

### 3. HORIZONTAL CONTROL

(a) Two traverse lines were run to establish additional control for the multiplex plotter. A spur line, of approximately three miles in length, was run from Mon. 2709 (NJGCS) near the village of Petersburg (Quadrangle T-9509). It was tied in by sun azimuth. A closed traverse of approximately nine miles in length was run from USC&GS station Apple, 1935 (Quadrangle T-9506) and tied into Mon. 7844 (NJGCS) (Quadrangle T-9503). Two photo points were located on the Petersburg traverse and six points located on the traverse near English Creek. There were no monumented stations set along either of the traverses. The angles were measured with a Wild T2 instrument, using the standard Wild targets. Four positions were observed.

The traverses were measured with a 300-foot steel tape. This tape was checked against a standardized invar tape before and after the traverses. The spur traverse was taped both forward and backward (the backward taping being an independent measurement). The closed traverse was taped one way and checked by stadia readings while running levels. Levels were run along both traverses for grade corrections.

(b) All stations are on the N.A. 1927 datum.

(c) Stations not established by the U.S.C.&G.S. are:

<u>Station</u>	<u>Agency</u>	<u>Order</u>	<u>Datum</u>
Mon. 2705	New Jersey Geodetic Control Survey	Third	N.A. 1927
" 2706	"	"	"
" 2707	"	"	"
" 2708	"	"	"
" 2709	"	"	"
" 2710	"	"	"

<u>Station</u>	<u>Agency</u>	<u>Order</u>	<u>Datum</u>
Mon. 2711	New Jersey Geodetic Control Survey	Third	N.A. 1927
" 2712	"	"	"
" 2755	"	"	"
" 4834	"	"	"
" 4835	"	"	"
" 4836	"	"	"
" 4837	"	"	"
" 8714	"	"	"
" 8715	"	"	"
" 8716	"	"	"
Marmora R.M. 3	"	"	"

(d) A search was made for all known control. Stations reported as "lost" or "not recovered" are:

Beesleys Point Water Tank, 1935  
 Mon. 2705 (N.J.G.C.S.)  
 " 2711 "  
 " 4834 "  
 " 4835 "  
 " 4836 "

Five stations, which are located west and north of the project limits, were identified to control the plot. The stations are:

Spoil, 1935  
 Mon. 1862 (N.J.G.C.S.)  
 " 1863 "  
 " 1865 "  
 " 8739 "

#### 4. VERTICAL CONTROL see item 41.

(a) A search was made for all known vertical control. Bench marks in the quadrangle are:

<u>Station</u>	<u>Agency</u>	<u>Order</u>
Mon. 2705	New Jersey Geodetic Control Survey	Third
" 2711	"	"
" 2712	"	"
T-9507 [ Great Egg Bay Hwy. T.B.M. 1	U.S.C.&G.S.	Unknown
" T.B.M. 2	"	"
" T.B.M. 3	"	"
Scully Landing T.B.M. 1	"	"
" T.B.M. 2	"	"
" T.B.M. 3	"	"

(b) Thirty miles of supplemental levels were run with a Wye level, beginning and closing on bench marks of third order accuracy or better. The greatest closure on any line was 0.58 foot. This line is nine miles in length and was adjusted by dividing the error by the number of set-ups.

(c) The first and last fly level points are 06-1 and 06-42.

(d) Inapplicable.

#### 5. CONTOURS AND DRAINAGE

The contouring was done by planetable methods directly on single-lens photographs (1:10000 scale) at a contour interval of ten (10) feet.

An extra set of single-lens photographs, which were cut into strips and folded especially to facilitate the use of pocket stereoscopes, were furnished this party. These photographs were used daily in the field by the topographer and it is believed that the quality of the field work will show considerable improvement over past methods. This topographer recommends that similar photographs be furnished for other projects in the future.

The natural drainage in the quadrangle is by Cedar Swamp Creek in the south, Tuckahoe and Middle Rivers in the west, and Great Egg River in the north; all of which drain into Great Egg Bay.

The southern portion of the quadrangle is mostly flat, while the northern part has considerable relief. The highest natural elevation, which is located in the northern part, is 59 feet. The central portion of the quadrangle is marshland. Elevations of the marsh area range from 3 to 4 feet.

#### 6. WOODLAND COVER

The cover was classified in accordance with Paragraph 5433 of the Preliminary Edition of the Topographic Manual dated June 1949.

#### 7. SHORELINE AND ALONGSHORE FEATURES

(a) The mean high-water line is as photographed. This quadrangle is composed almost entirely of apparent shoreline. The shoreline has been labeled on the photographs with the appropriate symbols.

(b) No attempt was made to accurately locate the low-water line. However, the area was inspected at low-water and an approximate low-water line has been shown in many places where it was discernible on the photographs.

(d) Bluffs - The shore is bordered by marsh except for a few small areas along Great Egg Bay. The bluff heights of these areas range from 5 to 10 feet and are shown by the contours and elevations.

(e) All decks, wharves, piers, landings, etc. have been labeled on the photographs.

(f) Two submarine cables crossing Crooked Horn Creek were located on the photographs. Three overhead transmission cables crossing tributaries of Great Egg Bay have been shown with their respective clearances above M.H.W.

#### 8. OFFSHORE FEATURES

Inapplicable.

#### 9. LANDMARKS AND AIDS

(a) Six landmarks are recommended on form 567 for charting. Three landmarks are recommended for deletion. Form 567 will be submitted for the southern portion of the project at a later date.

(b) No interior landmarks are recommended.

(c) There are no aeronautical aids within the limits of the quadrangle.

(d) There are no fixed aids to navigation within the quadrangle.

#### 10. BOUNDARIES, MONUMENTS AND LINES

These are covered in a "Special Boundary Report" which will be submitted at a later date by Richard E. McGlinchey, Cartographic Survey Aid. Filed in Div. Photogrammetry general files.

#### 11. OTHER CONTROL

In compliance with Instructions for the project, there were no topographic stations established. One previously established topographic station (Job, State, 1931) was searched for, but not recovered. Form 524 is submitted. One water tank (Lmk.) was located. Form 567 is also submitted. See item 38

## 12. OTHER INTERIOR FEATURES

All roads and buildings have been classified in accordance with Paragraphs 5441 and 5446 of the Preliminary Edition of the Topographic Manual, dated June 1949.

All bridge information for the area covered by this report as listed in the "U. S. Engineers List of Bridges Over Navigable Waters in the U. S. dated July 1941, and its supplement dated January 1, 1948" was verified in the field. All clearances were carefully measured with a steel tape, and the published descriptions and clearances were found to be correct, except for discrepancies reported to the local District Engineer. These discrepancies will be reported for the project at a later date.

## 13. GEOGRAPHIC NAMES

This is the subject of a "Special Report" which will be submitted at a later date by Merle W. Smith, Cartographic Survey Aid. Filed in Geographic Names Section, Div. Charts

## 14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

A Coast Pilot Report for the project will be submitted by the Chief of Party upon completion of the area. There are no other reports or special data, except as noted in Paragraphs 10 and 13 for this quadrangle. Filed in Coast Pilot Section, Div of Charts.

## 15. SWAMP

The field inspector has delineated on the photographs (with purple ink) the limits of swamp where it was not discernible on the photographs.

8 September 1950

Submitted by:

*John R. Smith*  
John R. Smith *by H78.*  
Cartographic Survey Aid

Approved:  
13 September 1950

*Harry F. Garber*  
Harry F. Garber  
Chief of Party

## PHOTOGRAMMETRIC PLOT REPORT

PROJECT Ph-59(50) and Ph-72(51)

Surveys T-9506, T-9509, T-9831

### 21. AREA COVERED

This radial plot covers the areas of Surveys T-9506, T-9509, and T-9831, located along the New Jersey coast from Stone Harbor north to Gibson Landing.

### 22. METHOD - RADIAL PLOT

#### Map Manuscripts

The map projections are on vinylite sheets ruled at a scale of 1:10,000 with polyconic projections in black and New Jersey grids (Transverse Mercator) in red.

Control stations and most of the substitute stations were plotted with a beam compass and meter bar. Substitute stations for New Jersey state survey monuments, whose positions are in grid coordinates were plotted using a steel protractor.

A sketch showing the layout of surveys, distribution of control and photograph centers, and a list of control stations are attached to this report.

#### Photographs

The photographs used in this radial plot were taken with the single lens type 0 camera, focal length 152.37 mm (6"). They are ratioed prints, scale 1:10,000, the contact scale being 1:24,000. Sixty seven (67) photographs were used. They are numbered as follows:

50-0-719-737 incl.  
-758-773 incl.  
-774-789 incl.  
-800-809 incl.  
51-0-1691-1696 incl.

#### Templets

Acetate templets were made from all photographs using a master templet to correct errors due to film and paper distortion.

#### Closure and Adjustment to Control

Vinylite sheets with 5000-foot grids were used as base sheets. All control was transferred to the base sheets by matching common grid lines. The radial plot for surveys on the east side had been completed. The positions of pass points and photograph centers along the junction with this radial plot were also transferred to the base sheets. The templets from these photographs were laid first holding previously established positions. The next flight to the west was then adjusted, holding the

-2-

pass points established by the first flight and all the control stations. In a preliminary plot P.P. No. 1, (09SA,) 1950 could not be held. A check revealed an error in computation by the field party. This error was corrected and a new position was established and held in the radial plot.

### 23. ADEQUACY OF CONTROL

There is adequate control for a good radial plot in all areas of the survey. One horizontal control station could not be held in the radial plot.

P.P. No.1, (09SA) 1950—in copying the corrected distance (1328.37) the number was reversed to (1238.37). This error was corrected and re-computed. The new position was plotted and was held in the radial plot.

### 24. SUPPLEMENTAL DATA

The positions of eight (8) topographic stations, established in 1936 - 1937, were available and were plotted on the map manuscripts. These positions were transferred to the base sheets to be verified in this radial plot. Where the position was within 0.3 mm, no new position was established. Four (4) topographic stations, CHURCH SPIRE, 1937, AVALON COAST GUARD CUPOLA, 1937; CROSS ON CUPOLA, 1937; STANDPIPE, CITY OF STRATHMERE, 1936, did not hold in the plot. The new radially plotted position was indicated on the map manuscript. At STANDPIPE, CITY OF STRATHMERE, 1936, and AVALON COAST GUARD CUPOLA, 1937 the radially plotted positions were checked by field measurements from photo points to the stations.

One topographic station, JOB STATE, 1931, was not identified and no radially plotted check could be established for this station.

### 25. PHOTOGRAPHY

The photographic coverage was adequate. Definition of the photographs was satisfactory. Several photographs showed evidence of tilt, and two 50-0-717 and 50-0-718 were so badly tilted they could not be used in the plot. However, the photographic coverage of 1951 covered this area and, therefore, the coverage was adequate. The other tilted photographs were over areas of little relief and the effect of the tilt is quite small.

Respectfully submitted  
December 1951

*Frank J. Tarcza*

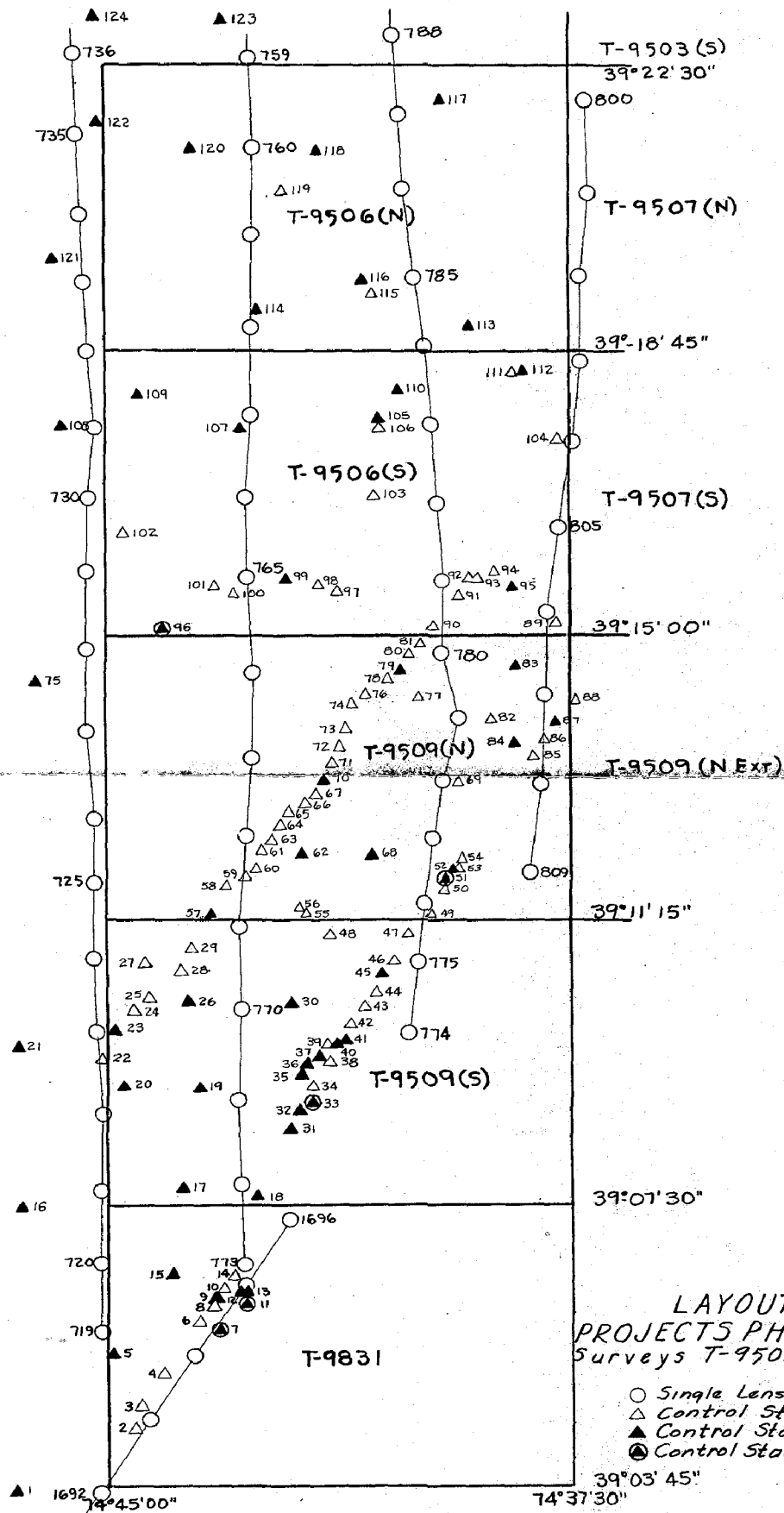
Frank J. Tarcza  
Cartographer (Photogrammetric)

No.	Station	Identification
1.	CHANNEL, 1932	Sub. Pt.
2.	HOLIDAY, 1932	None
3.	MON. 5756, NJGCS, 1938	None
4.	MON. 5755, NJGCS, 1938	None
5.	REACH, 1936	Sub. Pt.
6.	MON. 5752, NJGCS, 1938	None
7.	CHURCH SPIRE, 1937, (TOPO)	Direct
8.	MON. 5751, NJGCS, 1938	None
9.	N.E. CHIMNEY, YMCA COTTAGE, 1937 (Topo)	Direct
10.	MON. 5766, NJGCS, 1938	None
11.	AVALON COAST GUARD CUPOLA, 1937 (TOPO)	Direct
12.	AVALON, 1932	Sub. Pt.
13.	AVALON STANDPIPE, 1928	Direct
14.	MON. 5765, NJGCS, 1938	None
15.	INGRAM, 1936	Sub.Pt. R.M. 1
16.	STITES, 1936	Sub. Pt.
17.	HOPE, 1951	Sub. Pt.
18.	TOWNSEND, 1932	Sub. Pt.
19.	MILL, 1936	Sub. Pt.
20.	TOWN, 1936	Sub. Pt.
21.	MON. 5700, NJGCS, 1935	Sub. Pt.
22.	MON. 8761, NJGCS, 1940	None
23.	MON. 8760, NJGCS, 1940	Sub. Pt.
24.	MON. 2726, NJGCS, 1935	None
25.	MON. 2725, NJGCS, 1935	None
26.	VIEW, 1936	Sub. Pt.
27.	OCEAN, 1932	None
28.	MON. 8737, NJGCS, 1938	None
29.	MON. 8736, NJGCS, 1938	None
30.	LUD, 1936	Sub.Pt.
31.	CROSS ON HOUSE, 1937 (TOPO)	<del>Direct</del> NONE
32.	MON. 5748, NJGCS, 1937	Direct
33.	CROSS ON CUPOLA, 1937 (TOPO)	Direct
34.	MON. 5747, NJGCS, 1937	None
35.	SEA ISLE, 1932	Sub. Pt.
36.	R.M. 1, SEA ISLE, 1932	Direct
37.	SEA ISLE CITY STANDPIPE, 1932	Direct
38.	MON. 5745, NJGCS, 1937	None
39.	MON. 5744, NJGCS, 1937	None
40.	COAST GUARD CUPOLA, 1932 <sup>6</sup> (TOPO)	Direct



No.	Station	Identification
41.	LUDLAM BEACH LT. 1936	Direct
42.	MON. 5743, NJGCS, 1937	None
43.	MON. 5742, NJGCS, 1937	None
44.	MON. 5741, NJGCS, 1937	None
45.	WHALE, 1932	Sub. Pt.
46.	MON. 5740, NJGCS, 1937	None
47.	MON. 5739, NJGCS, 1937	None
48.	MALL, USE, 1946	None
49.	MON. 5738, NJGCS, 1937	None
50.	MON. 5737, NJGCS, 1937	None
51.	STANDPIPE, CITY OF STRATHMERE, 1936 (Topo)	Direct
52.	STRATHMERE, 1932	Sub. Pt.
53.	GUARD, 1936	None
54.	MON. 5736, NJGCS, 1937	None
55.	FLAT, 1936	None
56.	LAM, USE, 1946	None
57.	MON. 8735, NJGCS, 1938	Sub. Pt.
58.	MON. 8733, NJGCS, 1938	None
59.	MON. 8732, NJGCS, 1938	None
60.	MON. 8731, NJGCS, 1938	None
61.	MON. 8730, NJGCS, 1938	None
62.	SEAVILLE, 1936	Sub. Pt.
63.	MON. 8729, NJGCS, 1938	None
64.	MON. 2721, NJGCS, 1938	None
65.	MON. 8728, NJGCS, 1938	None
66.	MON. 8727, NJGCS, 1938	None
67.	MON. 8726, NJGCS, 1938	None
68.	BEN, 1936	Sub. Pt.
69.	MAIN, 1936	None
70.	MON. 8725, NJGCS, 1938	Sub. Pt.
71.	MON. 8724, NJGCS, 1938	None
72.	MON. 8723, NJGCS, 1938	None
73.	MON. 8722, NJGCS, 1938	None
74.	MON. 8721, NJGCS, 1938	None
75.	P.P. - 2 (09SA), 1950	Direct
76.	MON. 8720, NJGCS, 1938	None
77.	PALERMO, 1936	None
78.	MON. 2719, NJGCS, 1938	None
79.	MON. 8718, NJGCS, 1938	Sub. Pt.
80.	MON. 8717, NJGCS, 1938	None

No.	Station	Identification
81.	MON. 8716, NJGCS, 1938	None
82.	HIGH, 1936	None Pt.
83.	BLACK, 1936	Sub. Pt.
84.	CURVE, 1932	Sub. Pt.
85.	MON. 5735, NJGCS, 1937	None
86.	MON. 5734, NJGCS, 1937	None
87.	MON. 5733, NJGCS, 1937	Sub. Pt.
88.	MON. 5732, NJGCS, 1937	None
89.	TILE, 1936	None
90.	MON. 8715, NJGCS, 1938	None
91.	MON. 8714, NJGCS, 1938	None
92.	R.M. 3, MARMORA, NJGCS, 1935	None
93.	MARMORA, 1932	None
94.	MON. 2706, NJGCS, 1935	None
95.	PECK, 1936	Sub. Pt.
96.	P.P.-1, (09SA) 1950	Direct
97.	MON. 2707, NJGCS, 1935	None
98.	MON. 2708, NJGCS, 1935	None
99.	R.M. 2, SWAMP, 1935	Sub. Pt.
100.	MON. 2709, NJGCS, 1935	None
101.	MON. 2710, NJGCS, 1935	None
102.	MON. 2712, NJGCS, 1935	None
103.	PUBLIC, 1935	None
104.	BRIDGE TENDERS HOUSE, 1935	None
105.	NORTH ELECTRIC TOWER, 1935	Sub. Pt.
106.	SOUTH ELECTRIC TOWER, 1935	None
107.	HOE, 1935	Sub. Pt.
108.	MON. 8739, NJGCS, 1939	Sub. Pt.
109.	CORBIN, 1935	Sub. Pt.
110.	SWAN, 1935	Sub. Pt.
111.	JOB.STATE, 1931 (TOPO)	None
112.	JOBS POINT WINDMILL, 1935	Sub. Pt.
113.	JEFF, 1935	Sub. Pt.
114.	MIDDLE, 1935	Sub. Pt.
115.	ELECTRIC EAST, 1935	None
116.	ELECTRIC WEST, 1935	Sub. Pt.
117.	P.P.-2, (A-44) 1950	Direct
118.	P.P.-1, (A-44) 1950	Direct
119.	APPLE, 1935	None
120.	GIBSON, 1935	Sub. Pt.
121.	MON. 1865, NJGCS, 1934	Sub. Pt.
122.	MON. 1863, NJGCS, 1934	Sub. Pt.
123.	SPOIL, 1935	Sub. Pt.
124.	MON. 1862, NJGCS, 1934	Direct



LAYOUT SKETCH  
PROJECTS PH-59(50)&PH-72(51)  
Surveys T-9506, T-9509, and T-9831

- Single Lens Office Photographs
- △ Control Stations (Not Identified)
- ▲ Control Stations (Identified)
- Control Stations (Not Held in Radial Plot)

MAP T- 9506

PROJECT NO. Ph-59(50)

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $\lambda$ -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)
APPLE, 1935	G-3023 P.311	N.A. 1927	39 20 55.529			1712.5 (137.8)	
			74 42 03.267			78.2 (1358.5)	
BRIDGE TENDERS HOUSE, 1935	G-3126 P.346	"	39 17 33.222			1024.5 (825.8)	
			74 37 35.898			860.3 (577.4)	
CORBIN, 1935	G 3126 P 336	"	39 18 09.523			293.7 (1556.6)	
			74 44 29.663			710.8 (726.8)	
ELECTRIC, EAST, 1935	G 3023 P 312	"	39 19 30.192			931.1 (919.2)	
			74 40 46.433			1112.2 (325.0)	
ELECTRIC, WEST, 1935	G-3023 P 312	"	39 19 43.664			1346.6 (503.7)	
			74 40 52.432			1255.9 (181.2)	
GIBSON, 1935	G-3023 P 311	"	39 21 21.015			648.1 (1202.2)	
			74 43 35.486			849.6 (587.0)	
HOE, 1935	G-3126 P 346	"	39 17 44.815			1382.0 (468.3)	
			74 42 44.869			1075.2 (362.6)	
JEFF, 1935	G-3023 P 311-	"	39 19 02.922			90.1 (1760.2)	
			74 39 05.470			131.0 (1306.4)	
JOBS POINTE WINDMILL, 1935	G-3126 P 345	"	39 18 27.160			837.6 (1012.7)	
			74 38 12.729			305.0 (1132.6)	
MARMORA, 1932	447 P 20	"	39 15 42.930			1323.9 (526.4)	
			74 39 00.503			12.1 (1426.4)	
RM 3, MARMORA NJGCS, 1935	NJGCS	"	156,142.09			348.1 (1175.9)	
			2,004,616.03			1407.0 (117.0)	
MIDDLE, 1935	G-3126 P.345	"	39 19 17.515			540.1 (1310.2)	
			74 42 32.745			784.4 (652.9)	

1 FT. = 3048006 METER  
COMPUTED BY: J.C.Richter

DATE 28 Dec. 1950

CHECKED BY: M.F.Kirk

DATE 3 Jan. 1951

M-2388-12

MAP T-9506 PROJECT NO. P-59(50) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $\lambda$ -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS	DATUM CORRECTION	N.A. 1927 - DATUM FROM GRID OR PROJECTION LINE IN METERS	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
NORTH ELECTRIC TOWER, 1935	G-3126 P. 345	N.A. 1927	39 17 52.533			1620.1 (230.2)	
			74 40 38.121			913.5 (524.2)	
PECK, 1936	G-3175 P. 347	"	39 15 38.717			1194.0 (656.3)	
			74 38 28.610			685.9 (752.6)	
PUBLIC, 1935	G-3126 P. 336	"	39 16 51.339			1583.2 (267.1)	
			74 40 42.153			1010.3 (427.8)	
SOUTH ELECTRIC TOWER, 1935	G-3126 P. 345	"	39 17 47.818			1474.7 (375.6)	
			74 40 37.723			904.0 (533.8)	
SWAN, 1935	G-3126 P. 345	"	39 18 17.223			531.1 (1319.2)	
			74 40 11.231			269.1 (1168.5)	
MON. 1862 NJGCS, 1934	NJGCS	"	202,381.05			725.8 (798.2)	
			1,975,052.14			15.9 (1508.1)	
MON. NO. 2706 NJGCS 1935 ✓	"	"	157,131.41			649.7 (874.3)	
			2,005,429.75			131.0 (1393.0)	
MON. NO. 2707 NJGCS 1935 ✓	"	"	155,060.83			18.5 (1505.5)	
			1,994,209.88			1283.2 (240.8)	
MON. NO. 2708 NJGCS 1935 ✓	"	"	155,417.48			127.2 (1396.8)	
			1,992,822.84			860.4 (663.6)	
MON. NO. 2709 NJGCS 1935 ✓	"	"	155,326.69			99.6 (1424.4)	
			1,985,935.63			285.2 (1238.8)	
MON. NO. 2710 NJGCS 1935 ✓	"	"	155,845.99			257.9 (1266.1)	
			1,984,514.18			1375.9 (148.1)	
MON. NO. 2712 NJGCS 1935 ✓	"	"	159,819.63			1469.0 (55.0)	
			1,977,882.41			878.6 (645.4)	

1 FT. = 3048006 METER J.C. Richter COMPUTED BY: DATE 28 Dec. 1950 CHECKED BY: M.F. Kirk DATE 3. Jan. 1951 M-2388-12

MAP T. 9506. PROJECT NO. Ph-59(50) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $\chi$ -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
MON. 8714, NJGCS 1938	NJGCS	N.A. 1927	154,831.46			1472.6 (51.4)	
MON. 8715 NJGCS, 1938	"	"	2,003,474.54			1059.1 (464.9)	
			152,197.78			669.9 (854.1)	
			2,001,102.38			336.0 (1188.0)	
<del>JOB STATE, 1931</del>	Form 524	<del>"</del>	<del>39 18</del>			<del>845.6 (1004.7)</del>	
			<del>74 38</del>			<del>444.5 (993.0)</del>	
SUB. PT. CORBIN, 1935		"	39 18			152.5 (1697.8)	
			74 44			681.4 (756.3)	
SUB. PT. ELECTRIC, WEST, 1935		"	39 19			1304.9 (545.4)	
			74 40			1247.6 (189.5)	
SUB POINT GIBSON, 1935		"	39 21			731.5 (1118.8)	
			74 43			827.5 (609.1)	
SUB PT HOE, 1935		"	39 17			1490.3 (360.0)	
			74 42			924.3 (513.5)	
SUB PT JEFF, 1935		"	39 19			243.7 (1606.6)	
			74 39			147.1 (1290.3)	
SUB PT JOBS POINT WINDMILL, 1935		"	39 18			1000.1 (849.2)	
			74 38			368.4 (1069.2)	
SUB. PT MIDDLE, 1935		"	39 19			509.3 (1341.0)	
			74 42			751.2 (686.1)	
SUB. PT. NORTH ELECTRIC TOWER, 1935		"	39 17			1612.0 (238.4)	
			74 40			993.3 (444.4)	
SUB. PT PECK, 1936		"	39 15			1228.9 (621.4)	
			74 38			779.7 (658.8)	

1 FT. = 3048006 METER

COMPUTED BY J.C. Richter

DATE 29 Dec. 1950

CHECKED BY M.F. Kirk

DATE 4 Jan. 1951

M-2388-12

MAP T. 9506 PROJECT NO. Ph-59(50) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $\chi$ -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
SUB. PT RM 2 SWAMP, 1935		N.A. 1927	39 15				1310.9	(539.4)	
			74 42				259.5	(1179.0)	
SUB. PT. SWAN, 1935		"	39 18				539.1	(1311.2)	
			74 40				301.8	(1135.8)	
SUB. PT. SPOIL, 1935		"	39° 23'				957.0	(893.3)	
			74 43				49.9	(1385.9)	
SUB. PT. MON. 1863 NJGCS, 1934		"	190,000				769.7	(754.3)	West of
			1,970,000				1355.1	(168.9)	map area
SUB. PT. MON. 1865 NJGCS, 1934		"	180,000				610.4	(913.6)	"
			1,970,000				456.3	(1067.7)	
SUB. PT MON 8739 NJGCS 1939		"	165,000				955.2	(568.8)	West of
			1,970,000				636.2	(887.8)	map area
P.P.-1 (09 SA)	Field Comp	"	151,901.44				579.6	(944.4)	
			1,980,982.37				299.4	(1224.6)	
P.P.-1 (A44)	"	"	190,643.95				196.3	(1327.7)	
			1,99 2,321.71				707.7	(816.3)	
P.P.-2 (A 44)	"	"	194,280.01				1304.5	(219.5)	
			2,002,100.48				640.2	(883.8)	
TILE, 1936	G-3175 P. 349	"	39 15 09.007				277.7	(1572.6)	
			74 37 40.668				975.1	(463.5)	

1 FT. = 3048006 METER

COMPUTED BY: J.C. Richter

DATE 29 Dec. 1950

CHECKED BY: M.F. Kirk  
J.J. Tarpeza

DATE

5 Jan. 1951  
10 Aug. 1951

M-2388-12

COMPILATION REPORT  
T-9506

31. DELINEATION

Manuscript No. T-9506 was delineated by graphic methods.

32. CONTROL

The identification, density, and placement of horizontal control was adequate.

Station BRIDGE TENDERS HOUSE, 1935 was not identified for radial plot. During compilation it was identified and found to hold.

33. SUPPLEMENTAL DATA

Geographic name standard, dated January 27, 1951, on Corps of Engineers, Pleasantville, New Jersey quadrangle, scale 1:62,500, was furnished by the Washington office.

Special Report on Boundaries, New Jersey.

The following maps were furnished by the field party:

- a) Tracing of Tuckahoe Public Hunting and Fishing Grounds
- b) U.S.C. & G.S. Chart No's. 827 & 1217 (Landmarks and Aids Report)
- c) Corps of Engineers, quadrangles of: Pleasantville, N.J., Egg Harbor, N.J., Dennisville, N.J., Hammonton, N.J., Tuckahoe, N.J., and Sea Isle City, N.J. used for road objectives.
- d) New Jersey road maps and tax maps.
- e) U.S.C. & G.S. Topographic maps no's. T-5641, T-5642, & T-5643.

34. CONTOURS AND DRAINAGE

Contours for this manuscript were revised in this office.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was considered adequate. A small amount of apparent shoreline and low water line was indicated by the field party.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Forms 567 for six (6) landmarks which appear on the manuscript are submitted with this report. Forms 567 for three (3) landmarks which are recommended for deletion are also submitted.



38. CONTROL FOR FUTURE SURVEYS

Forms 524 have been submitted for one (1) recoverable topographic station established, and one previous station which was not recovered. It is erroneously stated under item 11 in the field report that no stations were established.

In addition, Forms 524 for two azimuth marks (originating at this office) are herewith submitted. See item 49. Forms 524 on file in the Div. of Photogrammetry general files.

39. JUNCTIONS

Junction has been made and is in agreement on the East with T-9507, on the South with T-9509. To facilitate junction of future surveys with this survey, compilation has been extended one half inch beyond the neat limit to the North and West.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. TBM USE is on the manuscript but not listed in the field report for T-9506.

Great Egg Bay Hwy. TBM's 1,2, and 3, erroneously listed in the field report as being in survey T-9506, are in survey T-9507. ✓

42.-45. Inapplicable .

46. COMPARISON WITH EXISTING MAPS

Survey No. T-9506 has been compared with:

1. Corps of Engineers, Pleasantville, N.J. Quadrangle scale 1:62,500, published 1948.
2. U.S.C. & G.S. Topographic Maps NO's T-5641 (1936), T-5642 (1936) and T-5643 (1936), scale 1:10,000.

47. COMPARISON WITH NAUTICAL CHARTS

Survey No. T-9506 has been compared with:

1. U.S.C. & G.S. Chart No. 827, scale 1:40,000, published in October 1943, corrected to September 1, 1950.
2. U.S.C. & G.S. Chart No. 1217, scale 1:80,000, published in December 1948, corrected to November 3, 1950.

Items to be applied to Nautical Charts:  
None

Items to be carried forward:  
None

Respectfully submitted

*Jacqueline B. Phillips*  
Jacqueline B. Phillips  
Carto. Photo. Aid

Approved and Forwarded

*Hubert A. Paton*  
Hubert A. Paton  
Comdr. U.S.C. & G.S.  
Chief of Party  
Baltimore Photo. Office

49. NOTES FOR THE HYDROGRAPHER

Three recoverable topographic stations are shown on the manuscript and listed as follows:

TANK, 1950 ✓  
APPLE AZ MK (1935) 1950 ✓  
MARMORA AZ MK (1932) 1950 ✓

## PHOTOGRAMMETRIC OFFICE REVIEW

T-9506

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

## CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy ☒ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) ☒ 7. Photo hydro stations none 8. Bench marks ☒ 9. Plotting of sextant fixes none 10. Photogrammetric plot report ☒ 11. Detail points ☒

## ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline ☒ 13. Low-water line ☒ 14. Rocks, shoals, etc. none 15. Bridges ☒ 16. Aids to navigation none 17. Landmarks ☒ 18. Other alongshore physical features ☒ 19. Other along-shore cultural features ☒

## PHYSICAL FEATURES

20. Water features ☒ 21. Natural ground cover ☒ 22. Planetable contours ☒ 23. Stereoscopic instrument contours none 24. Contours in general ☒ 25. Spot elevations ☒ 26. Other physical features ☒

## CULTURAL FEATURES

27. Roads ☒ 28. Buildings ☒ 29. Railroads ☒ 30. Other cultural features ☒

## BOUNDARIES

31. Boundary lines ☒ 32. Public land lines none

## MISCELLANEOUS

33. Geographic names ☒ 34. Junctions ☒ 35. Legibility of the manuscript ☒ 36. Discrepancy overlay ☒ 37. Descriptive Report ☒ 38. Field inspection photographs ☒ 39. Forms ☒40. \_\_\_\_\_  
Reviewer\_\_\_\_\_  
Supervisor, Review Section or Unit

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.

\_\_\_\_\_  
J. B. Phillips  
Compiler\_\_\_\_\_  
Frank J. Hareza  
Supervisor43. Remarks:  
See notes to Reviewer

FIELD EDIT REPORT  
Quadrangle T-9506  
Project Ph-59(50)

Paul Taylor, Chief of Party

The field edit of this quadrangle was accomplished during the month of May, 1952.

51. METHODS

The quadrangle was inspected by traversing all passable roads by truck, walking to areas which required special investigation and by skiff along water portions. In addition to visual inspection, standard surveying methods were used for corrections and additions.

All deletions, additions and corrections have been either indicated on the field edit sheets, referenced to the field photographs or answered directly on the discrepancy prints. A legend describing the symbols and the colored inks used is shown on the field edit sheets.

Two 1:20,000 scale sheets are submitted with the field edit information.

52. ADEQUACY OF COMPILATION

The map compilation was adequate, with the exception of a few corrections and additions. Very few changes have taken place in this area since the original field inspection.

The portions of the boundary of the Tuckahoe Public Hunting and Fishing Grounds have been verified by Mr. Victor Schmidt, Superintendent of the Tuckahoe Public Hunting and Fishing Grounds, and by comparison with the map of these grounds in his possession.

Mrs. Gandy, City Clerk of the City of Corbin City, states that "City of Estelle Manor" is correct and that also Corbin City should be corrected to read "City of Corbin City".

This use approved  
by Geographic Names Section  
Div Charts

Attention is called to a new transmission line that runs along the western portion of this sheet. The various courses of this line are shown on the field photographs. Parts of this line were under construction at the time of this field edit and have been delineated on the field photographs in blue ink to indicate "Transmission line under construction". No information provided by field edit on vertical clearances for crossings at Great Egg Harbor River, Gibson Creek and Tuckahoe River. Poles were not in. Crossings could be either overhead or submerged.

K.H.M. 9/8/53

53. MAP ACCURACY

The horizontal positions of the map detail appear to be good.

No standard vertical accuracy test was required for this sheet. The contours, however, were visually checked throughout the quadrangle and were found to adequately depict the terrain. The contours were also checked in running short planetable traverses while delineating the transmission line.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Mr. Victor Schmidt, Superintendent of the Tuckahoe Public Hunting and Fishing Grounds, who has been a resident of this area for fifteen years, states that he would be willing to examine a proof copy of this quadrangle for possible errors. Mr. Schmidt's address is: Corbin City, New Jersey.

5 June 1952  
Submitted by:

*Joseph K. Wilson*  
Joseph K. Wilson,  
Cartographer

10 June 1952  
Approved by:

*Paul Taylor*  
Paul Taylor  
Lt. Comdr., USCGS  
Chief of Party

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

## NONFLUORESCENT AND/OR LANDMARKS FOR CHARTS

~~TO BE DELETED~~  
TO BE CHARTED

## STRIKE OUT ONE

~~Baltimore, Maryland~~

December 1952

I recommend that the following objects which ~~have~~ *(have not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted from)* the charts indicated.

The positions given have been checked after listing by R. Glaser

H.A. Paton

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating*

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

~~XXXXXXXXXXXX~~ STRIKE OUT ONE  
TO BE DELETED

# NONTECHNICAL GUIDANCE ON LANDMARKS FOR CHARTS

Pleasantville, New Jersey

I recommend that the following objects which have ~~(been inspected from seaward to determine their value as landmarks be)~~ been inspected from seaward to determine their value as landmarks be

The positions given have been checked after listing by Joseph K. Wilson

Harry F. Garber, Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating*



48. GEOGRAPHIC NAMES

Asbury Church (north of English Creek)  
Atlantic County

Bank Creek  
Beesleys Point (settlement)  
Ben ~~don~~ Elders Creek  
Butter Road

Cape May County  
Cedar Swamp Creek  
City of Estell Manor  
City of Somers Point  
Corbin City

Egg Harbor Township  
English Creek (town)  
English Creek  
English Creek Landing  
English Creek-Port Republic Road

Flat Creek) (N. of Marmora)  
Flat Creek) - See Names Standard  
Flat Creek) (N. Trib. Middle R.)  
Amib. English Cr.)

Gibson Creek  
Gibson Landing  
Going Through Creek  
Great Egg Harbor Bay  
Great Egg Harbor River  
Griscom Creek (not Fork)  
Griscom Swamp

Half Way Creek  
Hughes Creek

Jeffers Landing  
Jeffers Landing Road  
Job Creek  
Job Point

Lakes Creek  
Ludlam Creek

Marmora  
Mathews Run  
Middle River  
Middletown  
Miller Creek  
Morris Beach

Mud Creek

Nell Run  
N.J. 4  
N.J. 50  
Northfield Zion Road

Ocean City  
Ocean Heights Avenue  
Palestine Church (at English Creek)  
Palermo Church (U.S. 9, Sw. of Marmora)  
Patcong Creek  
Peck Bay  
Pennsylvania Reading Seashore Lines  
Petersburg  
Powell Creek

Robert Best Road  
Rock Point  
Roosevelt Blvd.

Schooner Creek  
Scull Landing  
Scullville  
Seaside Cemetery  
Sedge Creek (shift name to W. as marked)  
Somers Point - Mays Landing Road  
Stephen Creek

Swan Pond  
Swan Pond Race  
Thompson Boat Works (on Ponce de Leon Cr.)  
Trinity Church (in Marmora)  
Tuckahoe Lake  
Tuckahoe Public Hunting and Fishing Grounds  
Tuckahoe River  
Tuckahoe River Island  
Tuckahoe Road  
Tyler Road

U.S. 9 (delete N.J. 4)  
Upper Township

Willis Thorofare

Wesley Church (Sw. of Petersburg)

Somers Point (city) - See above

Names approved 8-31-53  
 L. Heck



48 a. ADDITIONAL GEOGRAPHIC NAMES

The following names, in pencil on the manuscript, were taken from a sketch map of unknown source furnished by the field party to show the boundary of the Tuckahoe Public Hunting and Fishing Grounds:

- Abrams Creek (sly trib. Middle R.)
- Babcock Creek (sly trib. Middle R.)
- Big Greaves Creek (sly trib. Middle R.) - canalized to Tuckahoe R.
- X Blue Bent Race - not approved
- Bog Branch Creek (NW trib. Half Way Creek)
- X Bog Branch Run - not approved
- Cedar Hammocks Creek (sly trib. Great Egg Harbor R.)
- Charley Creek (N. trib. Middle R.)
- Commando Creek (NW trib. Middle R.) (sly trib. Tuckahoe R.)
- Flat Creek (This is the fourth in the area - see note on Name Standard)
- X Gravelly Pond Race - not approved
- X Going Through Creek (Name Standard shows "Going Through") (see main list)
- Griscom Fork (Name Standard shows "Griscom Creek")
- Hawkins Creek (Hawkins Cr. flows Ely - probably once trib. Griscom R.)
- Hubbards Race (sly trib. Middle R.)
- X Ingersoll Thorofare - not approved - not a thorofare.
- Jacobs Creek (Ely trib. Cedar Swamp Cr.)
- Long Point Creek (W. trib. Great Egg Harbor R.)
- Lower Brothers Creek (W. trib. Tuckahoe R.)
- Masons Creek (trib. Middle R., with outlet on Tuckahoe R.)
- Mill Creek (W. trib. Cedar Swamp Cr.)
- Mirey Run (NW. of Middletown)
- Narrows Creek (W. trib. Bog Branch Cr.)
- Otter Creek (NW. trib. Half Way Cr.)
- Oyster Creek (W. trib. Middle R.)
- X Pine Island Creek (Name Standard shows "Mud Creek") (name on two other maps.)
- Turtle Ground Creek (sly trib. Great Egg Harbor R.)
- Upper Brothers Creek (W. trib. Tuckahoe R.)

• Little Greaves Creek (Ely trib. Big Greaves Cr.)

Names underlined in red are approved

8/21/53.

L. Heck

Review Report T-9506  
Topographic Map  
9 September 1953

62. Comparison with Registered Topographic Surveys.-

T-146	1:10,000	1842
T-147	"	"
T-1744	1:20,000	1886
T-2054	"	1891
T-5639 Supp.	1:10,000	1932
T-5641	"	"
T-5642 Supp.	"	"
T-5643	"	"

The shoreline of T-9506 and the previous surveys are in close agreement. Considerable cultural development such as roads, buildings, dikes and other installations has occurred subsequent to the date of the previous surveys.

T-9506 supersedes all the above surveys in common areas for nautical charting purposes.

63. Comparison with Maps of Other Agencies.-

Pleasantville, N.J., U.S.E. 15' quadrangle, 1:50,000, 1948 (also published at scale 1:62,500).

Contours on the USE quadrangle are not as expressive of the terrain as those appearing on T-9506. Drainage patterns and isolated tops are more fully developed on T-9506 than on the quadrangle.

64. Comparison with Contemporary Hydrographic Surveys.-None

65. Comparison with Nautical Charts.-

827, 1:40,000, Intracoastal Waterway, ed. 1951,  
corr. to 6/9/52  
1217, 1:80,000, ed. 1948, corr. to 2/13/50.

Nautical chart 827 shows piling in Cedar Swamp Creek at approximate latitude 39° 15.6' and longitude 74° 42.1'. This piling is not shown on T-9506. Examination of this area during field edit did not reveal any piling or obstructions.

There are no other significant differences between the charts and the map.

66. Accuracy of Results and Future Surveys.-This map complies with all instructions and is adequate as a base for hydrographic surveys and the construction of nautical charts. This map complies with the National Map Accuracy Standards.

Reviewed by:

K. N. Maki  
K. N. Maki

APPROVED:

L. C. Lande  
Chief, Review Branch  
Div. of Photogrammetry

W. J. Swanson  
Chief, Div. of Photogrammetry *MSR*  
2 February 1956

H. B. Edmundson  
Chief, Nautical Chart Branch  
Division of Charts *GFS*

Carl O. Heaton *JB*  
Chief, Div. of Coastal Surveys

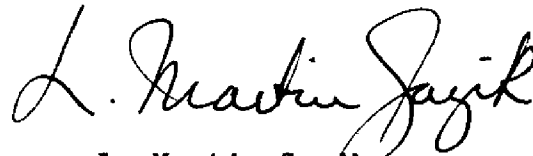
## History of Hydrographic Information for T-9506

Hydrography applied to the map manuscript for T-9506 is in accordance with the general specifications of May 18, 1949.

Soundings in feet and depth curves at 6, 12, 18 and 30 feet (mean low water datum) originate with the following chart and surveys:

	12.17	1:80,000	Feb. 1953
Nautical Chart No.	827	1:40,000	Sept. 1953
Hydrographic Survey	H-6217	1:10,000	1937
"	"	H-6218	"
"	"	H-6254	"
"	"	H-6262	"

Hydrography was compiled by L. Martin Gazik and checked by O. Svendsen.



L. Martin Gazik  
11-5-53

## NAUTICAL CHARTS BRANCH

SURVEY NO. T-9506

### Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.