

Original

8494

8494

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photographic Topographic

Field No. Office No. T-8494

Horiz. Axis Test STONE HARBOR

LOCALITY

State New Jersey

General locality Cape May County

Locality Cape May Court House

194 3

CHIEF OF PARTY

Fred. L. Peacock

LIBRARY & ARCHIVES

DATE January 28, 1948

B-1870-1 (1)

DATA RECORD

T- 8494

Quadrangle (II): $7\frac{1}{2}$ Minute

Project No. (II): CS 302-A

Field Office: Sanford, Maine

Chief of Party: F. L. Gallen

Compilation Office: Baltimore, Md.

Chief of Party: Fred. L. Peacock

Instructions dated (II III): March 18, 1943

Supplemental, Sept. 24, 1943

Copy filed in Descriptive
Report No. T- (VI)
*Div. Photogram Office Files*Completed survey received in office: *11 Aug. 1943*

Reported to Nautical Chart Section:

Reviewed: *12/11/43*Applied to chart No. *1218*Date: *9 Aug. 1944*Redrafting Completed: *5 Feb. 1944*Registered: *8 Jan. 1948*Published: *1944*

Compilation Scale: 1:20,000

Published Scale: *1:25000*

Scale Factor (III): None

Geographic Datum (III): N.A. 1927

Datum Plane (III): Mean Sea Level

Reference Station (III): ~~Holiday, 1932~~ Road, 1928Lat.: $39^{\circ} 02' 09.608''$ (296.3 m) Long.: $74^{\circ} 49' 49.874''$ (1199.5 m) Adjusted
 ~~$39^{\circ} 04' 24.792''$ (764.5 meters) $74^{\circ} 44' 33.089''$ (795.4 m.) Unadjusted~~State Plane Coordinates (VI): *New Jersey Single Zone*X = *1,953,455.17 ft.*Y = *73,854.50 ft.*Military Grid Zone (VI) *A*

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
13369	4/4/43	2:41 p.m.	1:20,000	0.4 ft. below M. L. W.
13371	4/4/43	2:44 p.m.	1:20,000	0.4 ft. below M. L. W.
13372	4/4/43	2:46 p.m.	1:20,000	0.4 ft. below M. L. W.
13373	4/4/43	2:48 p.m.	1:20,000	0.4 ft. below M. L. W.
13379	4/4/43	2:58 p.m.	1:20,000	0.4 ft. below M. L. W.
13380	4/4/43	3:00 p.m.	1:20,000	0.4 ft. below M. L. W.

Tables of predicted tides, reference station, Sandy Hook with Tide from (III); corrections for Hereford Inlet (North Wildwood) N.J.

Mean Range: 4.1 ft.

Spring Range: 5.0 ft.

Camera: (Kind or source) U. S. Coast & Geodetic Survey nine lens camera
(Focal Length $8\frac{1}{4}$ inches)

Partial Field Inspection ^{and contours} by: Morris W. Burr

date: Spring 1943

Field Edit by: Wendell Bever

date: Oct. 1943

Date of Mean High-Water Line Location (III):

Same as date of photographs

Projection and Grids ruled by (III) Washington Office

date: Unknown

" " " checked by: Washington Office

date: Unknown

Control plotted by: Unknown

date: Unknown

Control checked by: Unknown

date: Unknown

Radial Plot by: Unknown

date: Unknown

Detailed by: Harold R. Brooks

date: 6/25 - 7/28/43

Reviewed in compilation office by: Albert C. Rauck, Jr.

date: 8/4 - 8/6/43

Elevations on Field Edit Sheet

checked by: Wendell Bever

date: Oct. 1943

STATISTICS (III)

Land Area (Sq. Statute Miles); 49

Shoreline (More than 200 meters to opposite shore); 55 miles

Shoreline (Less than 200 meters to opposite shore); 59 miles
centerline of rivers only

Number of Recoverable Topographic Stations established; None established by radial plot. 17 stations transferred from lithographic prints of T-5645, T-5646, and T-5647 to the map manuscript.

Number of Temporary Hydrographic Stations located by radial plot; None

Leveling (to control contours) - miles; Unknown

Roman numerals indicate whether the item is to be entered by,

(II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname

and initials (not initials only).

Remarks;

General Procedure in the Production of Topographic
Quadrangles for the War Department

T- 8494

This quadrangle, together with similar adjoining maps produced under Project C.S. 302A, was prepared by the Coast and Geodetic Survey for the War Department under "General Specifications for War Department Mapping Program" issued about December 1941, in which is incorporated the "Standard of Accuracy for a National Map Production Program" issued by the Bureau of the Budget under date of June 10, 1941.

7-3645
46
47
49
50

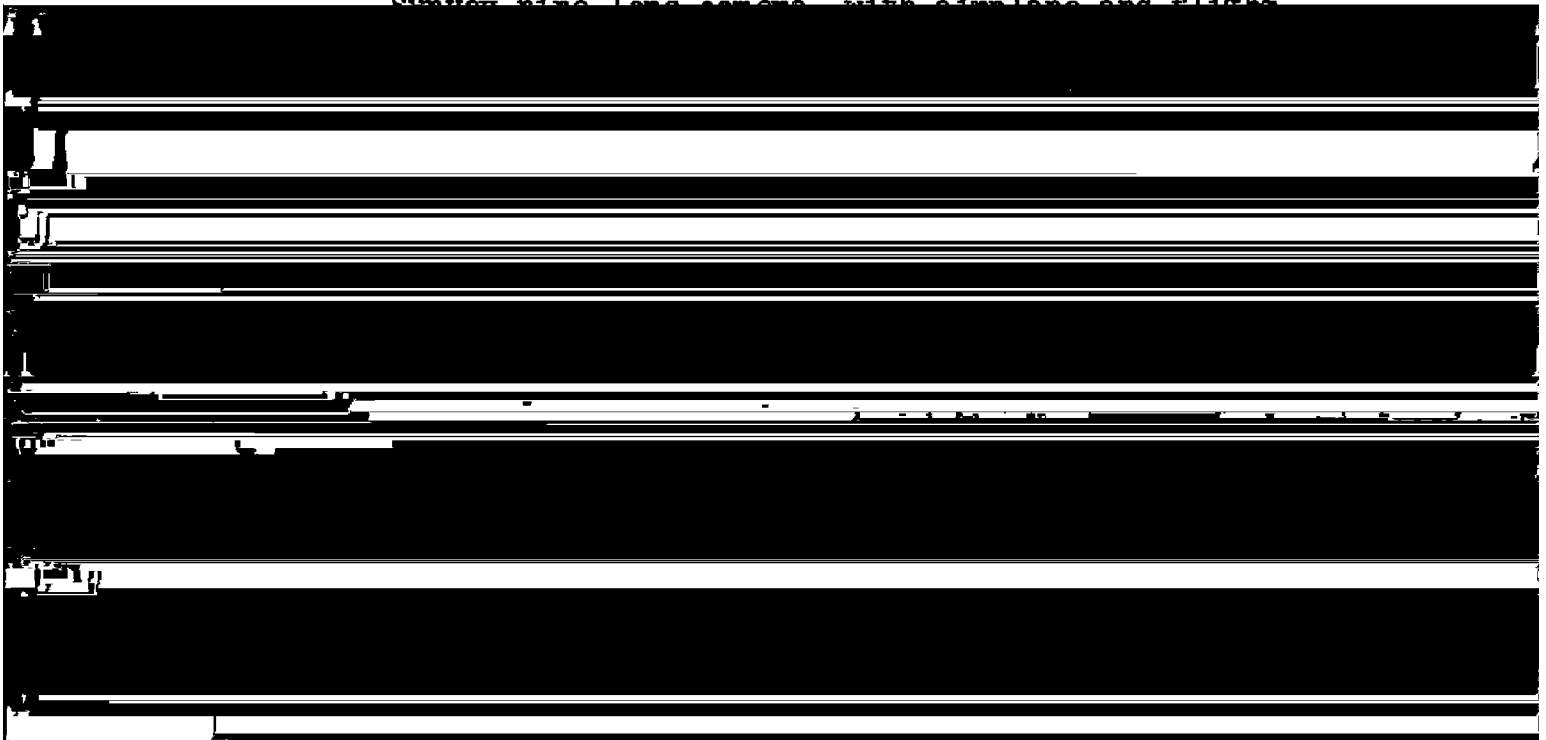
The general procedure in the production of this and the adjoining quadrangles was:

PREPARATION OF BASE MAPS

Assembly into quadrangle base sheets by photographic means of previously produced planimetric maps of the area. These maps were compiled by this Bureau from aerial photographs taken in 1932 and were published in 1934 on the scale of 1:10000. Lithographic prints of the quadrangle base sheets on cloth-mounted paper were furnished to the field parties and similar prints in red ink on celluloid sheets were furnished to the compilation office.

FIELD SURVEYS

Aerial photography with the Coast and Geodetic Survey nine lens camera with six lenses and flight



Supplementary vertical control was established by means of an extensive subordinate level net, furnishing unmarked elevations at road intersections, driveways, and numerous other points identifiable on the photographs.

COMPILATION OF MANUSCRIPT

Revision of the planimetric base map from the new photographs and addition of contours and corrections obtained by the field parties. No radial plot was made for this work.

FIELD EDIT

Comparison of a copy of the corrected manuscript with the ground. This included inspection for completeness and accuracy as well as the location by planetable methods of additional details, checking of nautical and aeronautical aids to navigation, etc.

Accuracy Tests - Application of systematic horizontal and vertical accuracy tests to check the maps for conformity with the specifications. These tests consisted of comparison of the map position and elevation of selected random points with the true position and elevation as independently determined by standard survey methods.

PROCESSING IN THE WASHINGTON OFFICE

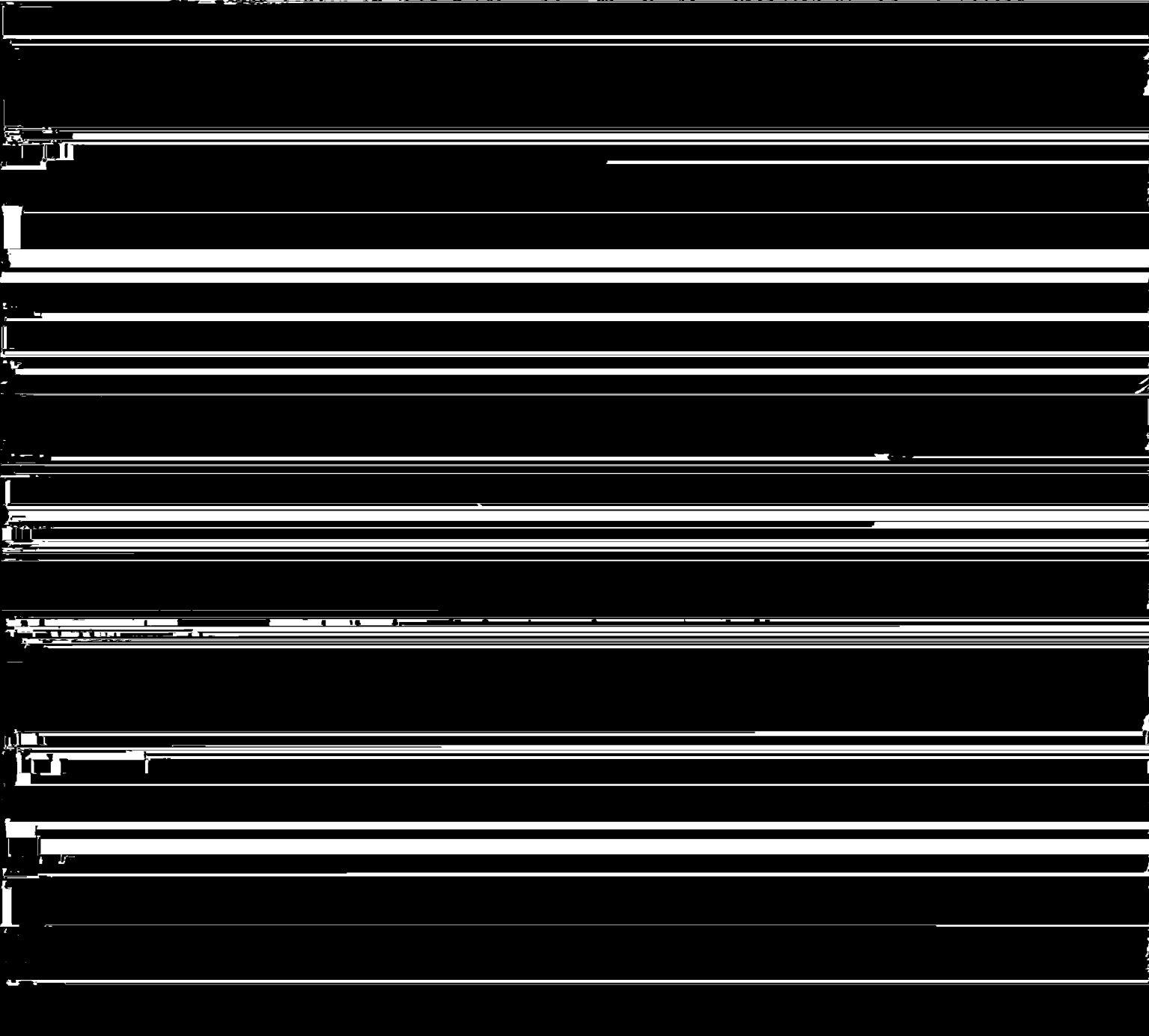
Review - Examination of the manuscript for accuracy and completeness of compilation and compliance with specifications, correcting where necessary; addition of military and state grids and other special features; and verification of the general adequacy of the manuscript as a basis for the production of a finished map.

Drafting and Reproduction - Preparation of smooth color separation drawings on 1:20,000 scale on metal-mounted "blue-line" copies of the manuscript. From these drawings, negatives and printing plates were prepared for reproduction of the finished map on the scale of 1:31,680 or 1:25,000.

FIELD INSPECTION REPORT
QUADRANGLE T-8494
PROJECT CS-302-A
F. L. GALLEN, Chief of Party

1. DESCRIPTION OF AREA:

The area covered by this Quadrangle lies in Cape May County, New Jersey. The eastern three fourths consists of marsh that borders on the Atlantic Ocean. The N.W. part is high rolling timberland. U.S. Highway No. 9 runs from the southwest corner to the northeast corner. Many small villages are along this highway. The County Seat, Cape May Court House, is on this highway about the center of the Quadrangle. Well developed farm land borders this highway. The Borough of North Wildwood lies partly in the northwestern corner of the Quadrangle.



running into these creeks. These creeks are affected by the tide almost to their beginnings. Consequently, the drainage pattern for this area is very

1132 photos

1110-000

26 CONTROL:

The compilation office was furnished a red line print on celluloid, scale 1:20,000, of the reproduction of the 1936 planimetric survey covering the area of the map manuscript for Survey No. T-8494.

(23)

Recovery notes of the numerous triangulation stations shown on this map manuscript were not furnished the compilation office. It is not known if any of these stations are lost.

27 RADIAL PLOT:

No radial plot was run for this map manuscript as instructions, dated March 18, 1943, require only the revision of the 1936 planimetric compilation to the date of the nine lens photographs taken in April, 1943, and the addition of 20 ft. contours as determined by the field party.

28 DETAILING:

The field inspection party furnished the compilation office two red line prints on paper of the 1936 compilation. One, on Whatman paper, furnished a partial field inspection, contours and elevations. The other print, on thin tracing paper, furnished township lines. The data contained on both of these prints was transferred directly to the map manuscript.

The nine lens photographs were oriented under the map manuscript using points of common detail for this purpose. The center chambers of the photographs were used wherever possible.

It was found necessary, after careful stereoscopic inspection of the photographs, to relocate almost all of the mean high water line, along the Atlantic Ocean, included in the area of this survey. Swamp and marsh areas were found to change considerably. In some areas where the drainage could not be accurately determined at the compilation office, the 1936 interpretation was accepted.

New roads have been added and a large number of trails were deleted. New piers and docks built since the 1936 compilation and visible on the photographs have also been detailed. In urban areas, greater than one square mile in area, buildings along the shoreline only have been shown. In rural areas and urban areas of less than one square mile in area all buildings except small out buildings have been shown. The compilation office is without information as to location of public buildings, therefore, these could not be designated on the map manuscript.

According to instructions dated March 18, 1943, no complete field inspection was to be made for this map manuscript until after the map manuscript had been revised to the date of the 1943 photographs. It is the belief of this compilation office that all physical and cultural features in the area of this map manuscript have been brought up to the date of the 1943 photographs.

28 DETAILING: (CONT'D.)

The limits of the original red line print on celluloid overlapped the boundaries of the $7\frac{1}{2}$ minute quadrangle, designated for this survey, in every direction. Corrections on this map manuscript have been confined to the area within the $7\frac{1}{2}$ minute quadrangle.

29 SUPPLEMENTAL DATA:

The following previous topographic surveys, by the U. S. Coast and Geodetic Survey, have been made covering portions of this map manuscript:

<u>Survey No.</u>	<u>Dated</u>	<u>Scale of</u>
T-147	1842	1:10,000
T-148	1842	1:10,000
T-153	1842	1:10,000
T-154	1842	1:10,000
T-1483	1880	1:10,000
T-1532	1881	1:10,000
T-1597	1883-1885	1:20,000
T-2451	1899	1:10,000
T-2452	1899	1:10,000
T-4366	1928	1:10,000

These surveys were not available to the compilation office.

The following maps, showing street plans and township limits, were furnished the compilation office by the field inspection party:

Street Layout of Five Mile Beach Resorts - No Scale

Building Zone Map - Borough of Stone Harbor, 1929 - Scale 1" = 560' more or less

Borough of Stone Harbor, dated 1938 - Scale 1" = 230' more or less

Official Map of North Wildwood, N. J., 1931 - Scale 1" = 300'

30 MEAN HIGH WATER LINE:

The stage of tide of all nine lens photographs furnished the compilation office was computed and found to be at or near Mean Low Water. High water lines, discernible on the photographs, in the vicinity of Hereford Inlet, were detailed without field inspection data.

31 LOW WATER AND SHOAL LINES:

All low water and shoal lines visible on the nine lens office photographs have been detailed.

32 DETAILS OFFSHORE FROM THE HIGH WATER LINE:

No offshore details were observed on the nine lens office photographs.

33 WHARVES AND SHORELINE STRUCTURES:

All piers, docks and wharves visible on the nine lens office

33 WHARVES AND SHORELINE STRUCTURES: (CONT'D.)

photographs were detailed.

34 LANDMARKS AND AIDS TO NAVIGATION:

The compilation office has not been furnished any data on Landmarks and Aids to Navigation in the area of this map manuscript.

35 HYDROGRAPHIC CONTROL:

The field party furnished the compilation office with lithographic prints of Surveys No. T-5645, T-5646, and T-5647, all scale 1:10,000. These lithographic prints contained recoverable Hydrographic and Topographic Stations as follows:

<u>Survey No. T-5645</u>	<u>Survey No. T-5646</u>	<u>Survey No. T-5647</u>
1 Station	5 Stations	11 Stations
West Gable, House	✓N.W. Gable, Warehouse ✓Control Tower ✓Rear Range ✓Front Range ✓South Gable, House	✓SAY, (light pole)(d) ✓ROW, (N.E.Gable)(d) ✓BAN, (Cupola School house)(d) ✓CON, (Powerline pole)(d) ✓APE, (East gable, house)(d) ✓JAM, (West gable, house)(d) ✓Control Tower ✓Tall Power Line Poles (over head cables) ✓R.R. Semaphore ✓South Gable, House Tall Power Line Poles (over head cables)

These stations were transferred from the lithographic prints of the surveys to the map manuscript by use of the projector. The compilation office is not submitting Form 524, for these stations, as a note on the lithographic prints indicates that this work was accomplished in 1938. It is assumed that Forms No. 524 were submitted at that time.

Eight Tidal Bench Marks were transferred to the map manuscript from the red line print of the 1936 compilation on Whatman paper. Three further Tidal Bench Marks were indicated but definite locations were not established. These were noted on the discrepancy overlay.

The above hydrographic stations and the eight tidal bench marks are available for hydrographic control if still in place at the time of any future hydrographic survey.

36 LANDING FIELDS AND AERONAUTICAL AIDS:

The compilation office has not been furnished any data on Landing Fields and Aeronautical Aids in the area of this map manuscript.

37 DISCREPANCY OVERLAY:

A discrepancy overlay has been prepared to accompany this map manuscript. On it are shown a set of general notes which should aid the field edit party in the interpretation of the map manuscript. Also a few notes have been shown regarding questions of interpretation, by the compilation office, of the office photographs.

38 GEOGRAPHIC NAMES:

The compilation office has not received any Geographic Name data for this area. All Geographic Names shown on the original red line print on celluloid have been retained except for four changes noted on the lithographic print for Survey No. T-5646. A separate report on Geographic Names will be submitted by the field party for this map manuscript.

39 HORIZONTAL ACCURACY:

In view of statements in the instructions for Project CS 302, dated March 18, 1943, this map manuscript is assumed to meet the requirements of horizontal accuracy for war mapping.

40 RECOMMENDATIONS FOR FUTURE SURVEYS:

The revision of the planimetric detail as shown on this map manuscript has been accomplished without complete field inspection. The addition or deletion of any cultural or physical feature should be accomplished at the time of the field edit.

41 JUNCTIONS:

The following satisfactory junctions have been completed:

To the West with map manuscript for Survey No. T-8493

To the South with map manuscript for Survey No. T-8496

To the East is the ~~Atlantic Ocean~~ *end of Project*

The compilation office is without information as to any contemporary survey bordering Survey No. T-8494 on the North.

42 REMARKS:

The field inspection party furnished an adequate description of the area covered by this map manuscript in the field report which is attached to this descriptive report.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

No comparison could be made with existing topographic quadrangles, as none were available to the compilation office.

45 COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Nautical Charts No. 827, reissued July 1943, scale 1:40,000, No. 1217, reissued July 1943, scale 1:80,000, and No. 1219, reissued July 1943, scale 1:80,000. All of these charts disagree

45 COMPARISON WITH NAUTICAL CHARTS: (CONT'D.)

SE part of map

with the map manuscript in the immediate vicinity of Hereford Inlet. Due to the size of this inlet, the sand bars around and in it, as well as the high water line around it, are probably in a constant state of change. Any storm of considerable proportion would create a definite change in the beach outline. Elsewhere on the map manuscript, the comparison indicated that the Nautical Charts were still in fair agreement with the area as revised for 1943. These three charts show piling in the vicinity of Hereford Inlet, which was not discernible on the photographs.

Respectfully submitted, 8/6/43

Harold R. Brooks.
Harold R. Brooks
Senior Engineering Aid

Map Manuscript, Discrepancy
Overlay and Descriptive Report
Reviewed by:

Albert C. Rauck, Jr.
Albert C. Rauck, Jr.
Senior Photogrammetric Aid

Compilation of Map Manuscript
Supervised by:

Joseph Steinberg
Joseph Steinberg
Ass't. Photogrammetric Engineer
and

J. Edward Deal, Jr.
J. Edward Deal, Jr.
Ass't. Photogrammetric Engineer

Approved and Forwarded
August 9, 1943

Fred. L. Peacock
Fred. L. Peacock



FROM WAR MAPPING FIELD PARTY NO. 2

FIELD EDIT REPORT
QUADRANGLE T-8494
PROJECT CS 302 A
R. L. Schoppe, Chief of Party

1. DESCRIPTION OF AREA: See field inspection report.
2. COMPLETENESS OF FIELD INSPECTION: See field inspection report.
3. INTERPRETATION OF THE PHOTOGRAPHS: The photos used were clear and easily interpreted. See field inspection report.
4. HORIZONTAL CONTROL: See field inspection report.
5. VERTICAL CONTROL: Three descriptions, form 885, are being submitted for N.J. Geodetic Survey bench marks not recovered during field inspection.
6. CONTOURS & DRAINAGE: The drainage was checked in the field and found to be adequate. See field inspection report.
7. MEAN HIGH WATER LINE: Shoreline changes in the vicinity of Hereford Inlet has been correctly interpreted by the compilation office except for two small islands and a small stretch of shoreline along the south shore of Hereford Inlet. Corrections have been shown on the compilation in black with the necessary clarifying notes. These islands were visited at approximately 3/4 tide and transportation was furnished by the Coast Guard.
8. LOW WATER LINE: See compilation report, item 31.
9. WHARVES & SHORELINE STRUCTURES: One large stone jetty, just north of Hereford Inlet has been added to the compilation.
10. DETAILS OFFSHORE FROM THE HIGH WATER LINE: Other than fish weirs there were no offshore details within the limits of this sheet.
11. LANDMARKS & AIDS TO NAVIGATION: There were no new landmarks or aids to navigation within the limits of this quadrangle. Two channel ranges in the vicinity of Gull Island and maintained by the New Jersey Board of Commerce & Navigation have been discontinued during the present emergency. They have been submitted for deletion on form 567. Forms 567 have been submitted for landmarks to be deleted and those shown on existing charts of the area.
12. HYDROGRAPHIC CONTROL: See compilation report, item 35.
13. LANDING FIELDS & AERONAUTICAL AIDS: There were no aeronautical aids within the limits of this quadrangle. One small abandoned airport is shown in the vicinity of Lat 39 06 Long 74 48.

14. ROAD CLASSIFICATION: All roads have been classified and shown in accordance with instructions from the army war college dated Jan. 12, 1943

15. BRIDGES: Bridge classifications were made in accordance with instructions from the War Dept. dated Jan. 23, 1942, and have been shown in key on the sheet by C.C.Fryer, Sr. Photo. Aid.

16. BUILDINGS: All farm buildings except dwellings have been classified as barns (b). This includes all substantial chicken houses, sheds and so forth. In general there were few farm buildings substantial enough to be shown on the finish print.

Many buildings on this compilation were blurred, run-together, and failed to print. In such cases they were inked in. Public buildings in Stone Harbor and North Wildwood have been blocked in, in red, on photo 13388 and labeled.

17. BOUNDARY MONUMENTS & LINES: See field inspection report.

18. GEOGRAPHIC NAMES: See field inspection report. *cf 37X*

46. METHODS: This sheet was field edited on the compilation with frequent references made with the field photographs. Photograph 13379 was used in editing Stone Harbor and North Wildwood. Discrepancies not covered by suitable symbols were noted on the compilation by a sentence and a arrow to the point in question.

All symbols used during field edit are standard topographic symbols, except that a green X was used for deletions and a tick mark was used to show limits of deletion and points of change in road classifications. The following color scheme was used.

Deletions -----	Green
Additions, classifications, boundaries, names, bench marks, and level elevations -----	Black
Water Culture Blue -----	Blue

47. ADEQUACY OF COMPILATION: The compilation of this sheet was complete and adequate with few additions necessary except for known deficiencies such as, classifications of, roads, woods, and public buildings, and the additions of power lines, railroad spurs, and corrected shoreline.

48. ACCURACY TESTS: 1. Horizontal- A separate report of the horizontal accuracy test for this quadrangle is submitted with this descriptive report.
2. Vertical- It is believed this sheet complies with the vertical accuracy specifications. For nearest test see quadrangle T-8493.

Approved & Forwarded By
R. L. Schoppe
Comdr. R.L. Schoppe, C & G Survey

Submitted By
Wendell Bever
Wendell Bever
Jr. Topo. Engr.

FROM WAR MAPPING FIELD PARTY NO. 2

Tests For Horizontal Accuracy Quadrangle No. T-8494 Project 302A

This test consists of a traverse between traverse station N.J.G.S.Mon. 8705 (1938) and triangulation station Road(1928). The traverse is 10.9 statute miles in length and contains 36 test points, 4 of which are N.J.G.S. monuments; 10 of the test points are within the limits of this quadrangle. The traverse closure is one part in 4984 and a discrepancy of 1.18 meters was adjusted through the traverse. The test points are referred to in the traverse computations as P.P.No. and the scaled position from the map manuscript is referred to as M.M.No.

Description of Point	Tabulation of Test Points			Difference in mm.
	Test Point Number	Latitude	Longitude	
Inter. of road & sand road, 90 degrees	P.P.No.23	39-01-341.4	74-52-418.6	.213
	M.M.No.23	39-01-337.7	74-52-420.7	
Inter. of road & drive	P.P.No.24	39-01-1176.8	74-51-1340.0	Not compiled
	M.M.No.24	Not compiled		
Inter. of road & RR, 80 degrees	P.P.No.25	39-01-1348.0	74-51-1194.4	.146
	M.M.No.25	39-01-1346.4	74-51-1193.1	
Inter. of cross roads, 90 degrees	P.P.No.26	39-01-1511.8	74-51-1072.5	.088
	M.M.No.26	39-01-1510.2	74-51-1073.2	
Inter. of road & sand road	P.P.No.27	39-02-03.7	74-51-907.8	Not compiled
	M.M.No.27	Not compiled		
Inter. of road & drive, 90 degrees	P.P.No.28	39-02-387.0	74-51-723.5	.096
	M.M.No.28	39-02-385.7 ⁶	74-51-722.0	
Inter. of road & drive, 85 degrees	P.P.No.29	39-02-491.9	74-51-673.3	.071
	M.M.No.29	39-02-492.8	74-51-672.2	
Inter. of cross roads, 85 degrees	P.P.No.30	39-02-594.9	74-51-623.7	.097
	M.M.No.30	39-02-596.7	74-51-623.0	
Inter. of cross roads	P.P.No.31	39-02-1373.0	74-51-156.8	.314
	M.M.No.31	39-02-1366.9	74-51-155.3	
Center of bridge	P.P.No.32	39-02-714.9	74-50-139.7	.095
	M.M.No.32	39-02-714.9	74-50-141.6	

It may be noted that test points No. 24 and No. 27 were not compiled; these points were opposite drives which were not shown on the map. All points tested are well defined and the map manuscript error is less than .5 mm. at these points. The horizontal accuracy of this map is good and within the requirements of the instructions.

Submitted by:

Charles Hanavich
Charles Hanavich,
Prin. Photo. Aid.

Approved by:
Ray L. Schoppe
Ray L. Schoppe,
Chief of Party.

FROM WAR MAPPING FIELD PARTY NO. 2
Tests For Horizontal Accuracy
quadrangle T-8494
Project 302A

This test consists of a traverse between traverse station 16(1943) and triangulation station N. Wildwood(1932). The traverse is 6.3 statute miles in length and contains 20 test points; 4 of which are within the limits of this quadrangle. The traverse closure is one part in 15560 and a discrepancy of 0.65 meter was adjusted through the traverse. The test points are referred to in the traverse computations as P.P.No. and the scaled position from the map manuscript is referred to as M.M.No.

Tabulation of Test Points

Description of Point	Test Point Number	Latitude	Longitude	Difference in mm.
Northwest corner of dwelling	P.P.No.1	39-00-1313.8	74-52-499.6	.214
	M.M.No.1	39-00-1313.0	74-52-503.8	
Inter. of road & drive, 90 degrees	P.P.No.2	39-00-1219.7	74-52-341.9	.225
	M.M.No.2	39-00-1215.5	74-52-343.5	
Inter. of "Y" road, 25 degrees	P.P.No.3	39-00-846.2	74-51-1293.9	.525
	M.M.No.3	39-00-848.2	74-51-1304.2	
Inter. of cross roads, 90 degrees	P.P.No.20	39-00-312.4	74-47-1205.8	.117
	M.M.No.20	39-00-313.9	74-47-1204.0	

Except for test points No.1 and No.3 which are less well defined, the remaining points are well defined. It may be noted that test point No.3 slightly exceeds .5 mm. The horizontal accuracy of this map is good and within the requirements of the instructions.

Submitted by:

Charles H. Hennrich
Charles Hennrich

Prin. Photo. Aid.

Approved by:
Ray L. Schoppe
Ray L. Schoppe,
Chief of Party.

**ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-22-2011 BY 60322 UCBAW/STW**

STRIKE OUT ONE

LANDMARKS FOR CHARTS

October

65

19-48

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

The positions given have been checked after listing.

R. L. Scheraga

[illegible]

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

LANDMARKS FOR CHARTS

1945

R. L. Scheppe

U. S. GOVERNMENT PRINTING OFFICE 16-27869-7

Quad. 841

TO BE CHARTED } **STRIKE OUT ONE**
~~TO BE CHARTED~~

Experiments for Chapter 15

October 20 1943

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks, be charted on (~~detent from~~) the charts indicated.

The positions given have been checked after listing.

H. L. Schoppa

Chief of Party.

[illegible]

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

~~110454300A001000~~ } STRIKE OUT ONE
TO BE DELETED

LANDMARKS: HOPEHARTS AIDS TO NAVIGATION

October

20 1945

I recommend that the following objects which ~~have~~(have not) been inspected from seaward to determine their value as landmarks, be ~~deleted~~^{deleted} ~~from~~ (deleted from) the charts indicated.

The positions given have been checked after listing.

R. L. Schoppa

Chief of Party.

[illegible]

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

T-8494

No. 1

Remarks

Decisions

1		
2		Railway Guide
3		USGB
4		Road Maps
5		"
6		
7		390747
8		
9		390747 USGB
10		"
11		" USGB
12		"
13		"
14		" USGB
15		"
16		"
17		" USGB
18		"
19		"
20		"
21		" USGB
22		"
23		"
24		" USGB
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8494

STONE HARBOR quadrangle

1	Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K
	Cape May County			✓						1
	Pennsylvania-Reading Seashore Lines			✓						2
	Intracoastal Waterway			✓	(not Inland Waterway)					3
	State Highway 549	//		✓						4
	U.S. No. 9/State No. 4	✓		✓						5
	Middle Township	✓		✓						6
	Sea Gull Route Coastal Highway		✓	✓						7
										8
	Stone Harbor (town)		✓	✓						9
	Bowers Municipal Fishing Pier		✓	✓						10
	Seven Mill Beach		✓	MILE						11
	Seven Mile Point		✓	✓						12
	Gull Bar		✓	✓						13
	Hereford Inlet		✓	✓						14
	Herefore Inlet O.G. Station		✓	✓						15
	Champagne Island		✓	✓						16
	Beach Creek		✓	✓						17
	Beach Creek Meadow			X						18
	North Wildwood Toll Bridge		✓	✓						19
	Marys Hole			X						20
	Mummy Island		✓	✓						21
	Mummy Island Creek			X						22
	Clubhouse Creek			X						23
	Great Channel		✓	✓						24
	Voorhees Creek		✓	✓						25
	Outer Island		✓	✓						26
	Stone Harbor Bridge		✓	✓						27

T-8494

No. 2
Decisions

Remarks

1		390747
2		"
3		"
4		"
5		"
6		" USGB
7		" "
8		" "
9		" "
10		" "
11		" "
12		" "
13		"
14		"
15		" USGB
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		"
24		" USGB
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8494

2	Name on Survey	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
		A	B	C	D	E	F	G	H	K
	Sand Marsh	✓		✓						1
	Sand Marsh Cove	✓		✓						2
	Sand Marsh Pond	✓		✓						3
	Sedge Island	✓		✓						4
	Stone Harbor Hole	✓		✓						5
	Snug Harbor	✓		✓						6
	Cannibal Bay	✓		✓						7
	Pleasure Bay	✓		✓						8
	Stone Harbor ✓ (harbor)			✓						9
	Shelter Haven	✓		✓						10
	North Basin	✓		✓						11
	South Basin	✓		✓						12
	Great Channel Bridge	✓		✓						13
	Stone Harbor Creek	✓		✓						14
	Oldman Creek	✓		✓						15
	East Fork	✓		✓						16
	West Fork	✓		✓						17
	Lower Long Reach	✓		✓						18
	Oldman Creek Meadow	✓		✓						19
	Shark Creek	✓		✓						20
	Sturgeon Point			X						21
	Sturgeon Hole	✓		✓						22
	Sturgeon Island	✓		✓						23
	Gull Island Thorofare	✓		✓						24
	Coover Island	✓		✓						25
	Back o' th' Sound	✓		✓						26
	Old Turtle Point	✓		✓						27

T-8494

No. 3

Remarks

Decisions

1		390747
2		"

4		"
5		"
6		"
7		"
8		" USGB
9		"
10		"
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		"
22		390748
23		390747
24		"
25		"

GEOGRAPHIC NAMES

Survey No. T-8494

3	Name on Survey	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
		A	B	C	D	E	F	G	H	K
	Old Turtle Reach	✓		✓						1
	Long Reach	✓		✓						2
	Great Sound	✓		✓						3
	Townsend Point	✓		✓						4
	Powells Point	✓		✓						5
	Holmes Point Creek	✓		✓						6
	Holmes Cove	✓		✓						7
	Halfmile Point	✓		✓						8
	Inner Point			✓						9
	Little Oyster Creek	✓		✓						10
	Halfmile Point Meadow	✓		✓						11
	Oyster Creek	✓		✓						12
				(not Big Oyster Creek)						
	Ludlum Pond	✓		✓						13
	Go Through Gut			X						14
	Ludlum Gut	✓		✓						15
	Crooked Creek	✓		✓						16
	Stone Harbor Canal	✓		✓						17
	Stone Harbor Boulevard	✓		✓						18
	North Channel Pond			X						19
	North Channel	✓		✓						20
	Balson Point	✓		✓						21
	Side o'th' Bay			X						22
	Narrows Point			X						23
	House Point	✓		✓						24
	White Island	✓		✓						25
	Lizas Hole			X						26
	Nichols Channel	✓		(not Nicholas)						27

T-8494

Remarks

No. 4
Decisions

1		390747	USGB
2		"	
3		"	USGB
4		"	
5		"	USGB/
6		"	
7		"	USGB
8		"	USGB/
9		"	USGB
10		"	"
11		"	
12		"	
13		"	
14		"	
15		"	
16		"	
17		"	USGB
18		"	
19		"	
20		"	
21		"	
22		"	
23		"	
24		"	
25		"	
26		"	
27		"	

GEOGRAPHIC NAMES

Survey No. T-8494

4	Name on Survey	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
		A	B	C	D	E	F	G	H	K
	Mulford Creek	✓		✓						1
	Mulford Creek Meadow			✓						2
	Little Scotch Bonnet	✓		✓						3
	Shaw Hole			X						4
	Scotch Bonnet (settlement)	✓		✓						5
	Scotch bonnet Bridge	✓		✓						6
	Scotch Bonnet (thorofare)	✓		✓						7
	Goth Creek	✓		✓						8
	Cresse Thorofare	✓		✓						9
	Gull Island	✓		✓						10
	North Point	✓		✓						11
	Dog Straits			X						12
	Herring Point	✓		✓						13
	Jug Creek	✓		✓						14
	Southeast Creek	✓		✓						15
	Southeast Point	✓		✓						16
	Muddy Hole	✓		✓						17
	Muddy Hole Island	✓		✓						18
	Poor House Flat	✓		✓						19
	Bluefish Brothers (stream)	✓		✓						20
	Ring Island	✓		✓						21
	Ring Island Creek	✓		✓						22
	Go Through Thorofare			X						23
	Nichols Point			X						24
	Island Thorofare	✓		✓						25
	Little Dung Thorofare	✓		✓						26
	Little Sound	✓		X						27

T-8494

No. 5

Remarks

Decisions

1		390747
2		390748
3		390747
4		" USGB
5		" "
6		"
7		" USGB
8		" "
9		" "
10		390748
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		" USGB
22		" "
23		"
24		"
25		" USGB
26		" "
27		"

GEOGRAPHIC NAMES

Survey No. T-8494

5	Name on Survey	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
		A,	B,	C,	D	E	F	G	H	K
	Little Sound Meadow	✓		✓						1
	Jacovy Creek	✓								2
	Crookhorn Creek									3
	Bluefish Creek	✓		✓						4
	Dung Thorofare	✓		✓						5
	Sherman Hole									6
	Great Flat Thorofare	✓		✓						7
	Great Flat	✓		✓						8
	Mat Gut	✓								9
	North Wildwood	✓		✓						10
	Anglesea Marsh	✓		✓						11
	Beach Creek Bridge	✓								12
	Ottens Basin	✓		✓						13
	Hoffman Canal	✓		✓						14
	Ottens Canal	✓		✓						15
	Oyster Creek	✓		✓						16
	Oyster Creek Point									17
	Beach Creek Point									18
	Mud Creek	✓		✓						19
	Mud Creek Point									20
	Wildwood Canal	✓		✓						21
	West Wildwood	✓		✓						22
	West Wildwood R.R. Bridge	✓		✓						23
	Drum Creek	✓		✓						24
	Grassy Sound	✓		✓						25
	Firman Island	✓		✓						26
	Grassy Point	✓		✓						27

T-8494

No. 6
Decisions

Remarks

1		390748	USGB
2		"	
3		"	
4		"	USGB
5		"	
6		"	
7		"	
8		"	
9		"	
10		"	USGB
11		"	
12		"	
13		"	
14		"	
15		"	USGB
16		"	
17		"	USGB
18		"	
19		"	
20		"	
21		"	USGB
22		"	
23		"	
24		"	
25		"	
26		"	
27		"	

GEOGRAPHIC NAMES

Survey No. T-8494

Name on Survey

A. On Chart
No.

B. On previous survey
No.

C. On U. S. quadrangle
Maps

D. From local
information

E. On local Maps

F. P. O. Guide or Map

G. Rand McNally Atlas

H. U. S. Light List

K

T-8494

No. 7

Remarks

Decisions

1		390748
2		"
3		"
4		"
5		"
6		"
7		" USGB
8		" "
9		"
10		"
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20		" USGB
21		"
22		"
23		"
24		"
25		"
26		"
27		" USGB

GEOGRAPHIC NAMES

Survey No. T-8494

7	Name on Survey	A.	B.	C.	D.	E.	F.	G.	H.	K.	
	Slab Creek			✓							1
	Bennys Landing	✓		✓							2
	Gunners Point	✓		✓							3
	Genesis Bay	✓		✓							4
	Rachael Creek										5
	Shellbad Creek										6
	Shellbad Landing	✓		✓							7
	Jenkins Sound	✓		✓							8
	Ikas Point	✓		✓							9
	Jimmys Point	✓		✓							10
	Race Cove	✓		✓							11
	Buck Islands	✓		✓							12
	Jenkins Point	✓		✓							13
	Hammock Creek	✓	(not Hammock)	✓							14
	Brothers Creek			✓							15
	Middle Thorofare	✓		✓							16
	Middle Thorofare Island	✓		✓							17
	Drum Island	✓		✓							18
	Drum Island Gut										19
	Gravelly Run	✓		✓							20
	Devils Wedge										21
	Go Through Creek	✓		✓							22
	North Wildwood Road	✓		✓							23
	Aaron Denny Creek	✓		✓							24
	C esse Creek	✓		✓							25
	Old Turtle Thorofare	✓		✓							26
	Tempe Creek	✓		✓							27

T-8494

No. 8

Remarks

Decisions

1		390748	126-18
2		"	
3		"	
4		"	
5		"	
6		"	
7		"	
8		"	
9		"	USGB
10		"	
11		389748	
12		390748	
13		"	
14		"	
15		"	USGB
16		"	
17		"	
18		"	
19		389749	
20		390748	USGB
21		389749	
22		390748	USGB
23		"	"
24		"	
25		"	
26		"	
27		"	

GEOGRAPHIC NAMES

Survey No. T-8494

8	Name on Survey	A.	B.	C.	D	E	F	G	H	K	
	HANN Nash Cove	✓		✓							1
	HANN Hann Point	✓		✓							2
	Warren Point	✓		✓							3
	Old Turtle Point	✓		✓							4
	Slaughter Gut	✓		✓							5
	Mommy Teel Creek	✓		✓							6
	Gar Creek	✓		✓							7
	Wishbone Island	✓		✓							8
	Richardson Sound	✓		✓							9
	Phillip Shields Islands	✓		✓							10
	Carino Creek	✓		✓							11
	Sugar Farm Creek	✓		✓							12
	Wildwood Gardens	✓		✓							13
	Whitesboro	✓		✓							14
	Burleigh	✓		✓							15
	Wildwood Junction										16
	Indian Trail Road	✓		✓							17
	Wildwood Golf Course	✓		✓							18
	Sea Shore Road	✓		✓							19
	Mayville	✓		✓							20
	Shun Pike Road	✓		✓							21
	Cape May Court House	✓ (town, county seat)									22
	Dias Creek Road	✓		✓							23
	Potato Island	✓		✓							24
	Potato Island Road	✓		✓							25
	Hand Avenue	✓		✓							26
	Dennisville Road	✓		✓							27

M 234-

T-8494

No. 9

Remarks

Decisions

1		391748
2		"
3		"
4		" USGB
5		"
6		"
7		390748
8		"
9		"
10		391747
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		" USGB
19		" "
20		" "
21		" "
22		" "
23		" "
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8494

9 Name on Survey

On Chart
No.

On previous survey
No.

On U. S. quadrangle
Maps

From local
information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

A.

B.

C.

D.

E.

F.

G.

H.

K.

T-8494

No. 10

Remarks

Decisions

1		391747	USGB
2			
3			
4			
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27			

~~Previous survey~~
~~quadrangle~~
~~Map~~
~~Side or Map~~
~~Officially Atlas~~
~~Flight List~~

Survey No. T-8494

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RECORDS

Between January, 1942 and July, 1944, this Bureau completed 323 quadrangles. These maps have been published, or are in the process of being published on scales of 1:31,680 or 1:25,000. This series of quadrangles includes a land area of approximately 15,000 square miles. Incident to this work, a considerable volume of survey records and data has accumulated which will be filed for future reference. This material is filed as follows:

Registered and Filed in the Vault.

Cloth-mounted copy of the published quadrangle.

Black and white cloth-mounted copy of the published quadrangle at 1:20,000 scale. This copy is filed to preserve original survey detail shown on the manuscript at 1:20,000 scale which may not have been shown on the published sheet. For woodland, refer to the published quadrangle for the finally adopted outlines.

Descriptive Report.

Filed in the Photogrammetric Division.

Field inspection photographs.

Contoured photographs (on which planetable contouring work was performed.)

Field edit sheet.

Descriptions of recoverable topographic stations (Form 524), filed in Review Section.

Supplementary traverse and level records.

Field notes, computations, lists of positions, and tabulations of results of horizontal and vertical accuracy tests.

Reproduction proof.

Correction sheet (copy of quadrangle showing in red changes to be made when next printed.)

Check lists of work performed on each sheet in the Washington Office during review, drafting, edit, and reproduction.

Copies of specifications and all instructions to field parties and field offices.

Filed in Reproduction Branch.

Glass negatives of the color separation drawings.

Filed in the Library.

Special report on office work by B. G. Jones, 1944.

Season's report on field work by Commander F. L. Gallen, 1944.

Season's report on field work by Commander R. L. Schoppe, 1944.

Delivered to the Army Map Service in accordance with the contract.

Film negatives and film positives of the color separation drawings.

All color separation drawings.

A correction sheet consisting of a copy of the first edition of the quadrangle with notes in red indicating changes desirable at the next printing.

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T-8494

Stone Harbor, N.J. QUADRANGLE

The following revisions of the map manuscript were found to be necessary and were accomplished as a part of this review:

None of consequence.

Reviewed 30 Nov. 1943 By M. V. Parker
under direction of D. H. Benson

per L.T.S.

Inspected by B. G. Jones

B.G. Jones 1/48

Examined and approved:

K.T. Adams
Chief, Surveys Branch
Division of Photogrammetry

Chief, Topography Section

[Signature]
Chief, Div. of Charts
Nautical Chart Branch
C.T. Green
Chief, Div. of Coastal
Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. _____

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.