

11046 THRU 11051
11053 11055
11442

Diag. Cht. No. 78-4.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Shoreline
T-11046 thru T-11051
Field No. Ph-101 (52) Office No. T-11053
T-11055 and T-11442

LOCALITY

State Virginia
General locality Chesapeake Bay
Locality Fleet Bay to Potomac River

194 52-54

CHIEF OF PARTY
L.C. Lande, Graphic Compilation
O.S. Reading, Div. of Photo.

LIBRARY & ARCHIVES

DATE June 23, 1958

B-1870-1 (1)

11046 THRU 11051
11053 11442

DATA RECORD

T-11046 thru T-11051, T-11053, T-11055,
T-11442

Project No. (II): Ph-101 (52) Quadrangle Name (IV): Chesapeake Bay & Potomac River

Field Office (II):

Chief of Party: L. C. Lande

Photogrammetric Office (III): Washington, D. C. Officer-in-Charge: O. S. Reading
Chief, Div. Photogrammetry

Instructions dated (II) (III):

12 Nov 1952 - 73-mk1

Copy filed in Division of

Photogrammetry (IV)

5 Jan. 1956 - 73 mk1

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.0 for 9-lens
2.4 for S-L

Date received in Washington Office (IV): 12-25-54 Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 21 Jan 1958

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): NA 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):

Lat.:

Long.:

Adjusted
~~UNADJUSTED~~

Plane Coordinates (IV):

State:

Zone:

Y=

X=

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

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

DATA RECORD

Field Inspection by (II): **Control Only - See 23.**

Date:

Planetable contouring by (II): **Inapplicable**

Date:

Completion Surveys by (II):

Date:

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

Interpreted in office on photographs taken October, 1952.

Projection and Grids ruled by (IV): **Jack Allen**

Date: **14 Nov 1952**
Mar 1953

Projection and Grids checked by (IV): **Howard Wolfe**

Date: **Nov '52 & Mar '53**

Control plotted by (III): **S. J. Hathorn**
L. C. Lande
N. S. Schultz

Date: **Feb 1953**

Control checked by (III): **S. G. Blankenbaker**

Date: **March 1953**

Radial Plot or Stereoscopic

Date: **May 1953**

Control extension by (III): **R. J. French**

K. N. Maki, Samuel G. Blankenbaker
Planimetry (test plot)

Date: **April 1954**

Stereoscopic Instrument compilation (III):

Contours

T-11042, T-11046, 11047, 11048, J. Battley

T-11049, N. S. Shultz

Manuscript delineated by (III):

T-11050 S. J. Hathorn

T-11051, S. G. Blankenbaker

T-11053, J. Battley

T-11055, N. S. Shultz

Date: **May, June '54**
May, June '53

Photogrammetric Office Review by (III):

R. J. French

S. J. Hathorn

Date: **June 1954**
June 1953

Elevations on Manuscript

checked by (II) (III): **Inapplicable**

Date:

Camera (kind or source) (III): Single-lens "0"
Nine-lens

Number	Date	Time	Scale	Stage of Tide
52-0-1852-1860	10-13-52	10:27 to 10:30	1:24,000	1.0 above MLW
52-0-1908-1918	"	11:00 to 11:06	Ratio to 1:10,000	0.8
52-0-1898-1904	"	10:55 to 10:57		0.9
39670-39680	"	8:59 to 9:05	1:10,000	MHW
39682-39686	"	9:09 to 9:12	1:10,000	0.9 above MLW
39688-39697	"	9:20 to 9:25	1:10,000	1.0 " "
39720-39730	"	9:45 to 9:50	1:10,000	1.0 " "

Tide (III)

Reference Station: Hampton Roads
Subordinate Station: Smith Pt. Light + 3" 25'
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
-	2.5	3.0
.5	1.2	1.4

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 67
Shoreline (More than 200 meters to opposite shore) (III): 189
Shoreline (Less than 200 meters to opposite shore) (III):
Control Leveling - Miles (II): --
Number of Triangulation Stations searched for (II): 24
Number of BMs searched for (II): --
Number of Recoverable Photo Stations established (III):
Number of Temporary Photo Hydro Stations established (III): 666

Recovered: 24 Identified: 24
Recovered: -- Identified: --

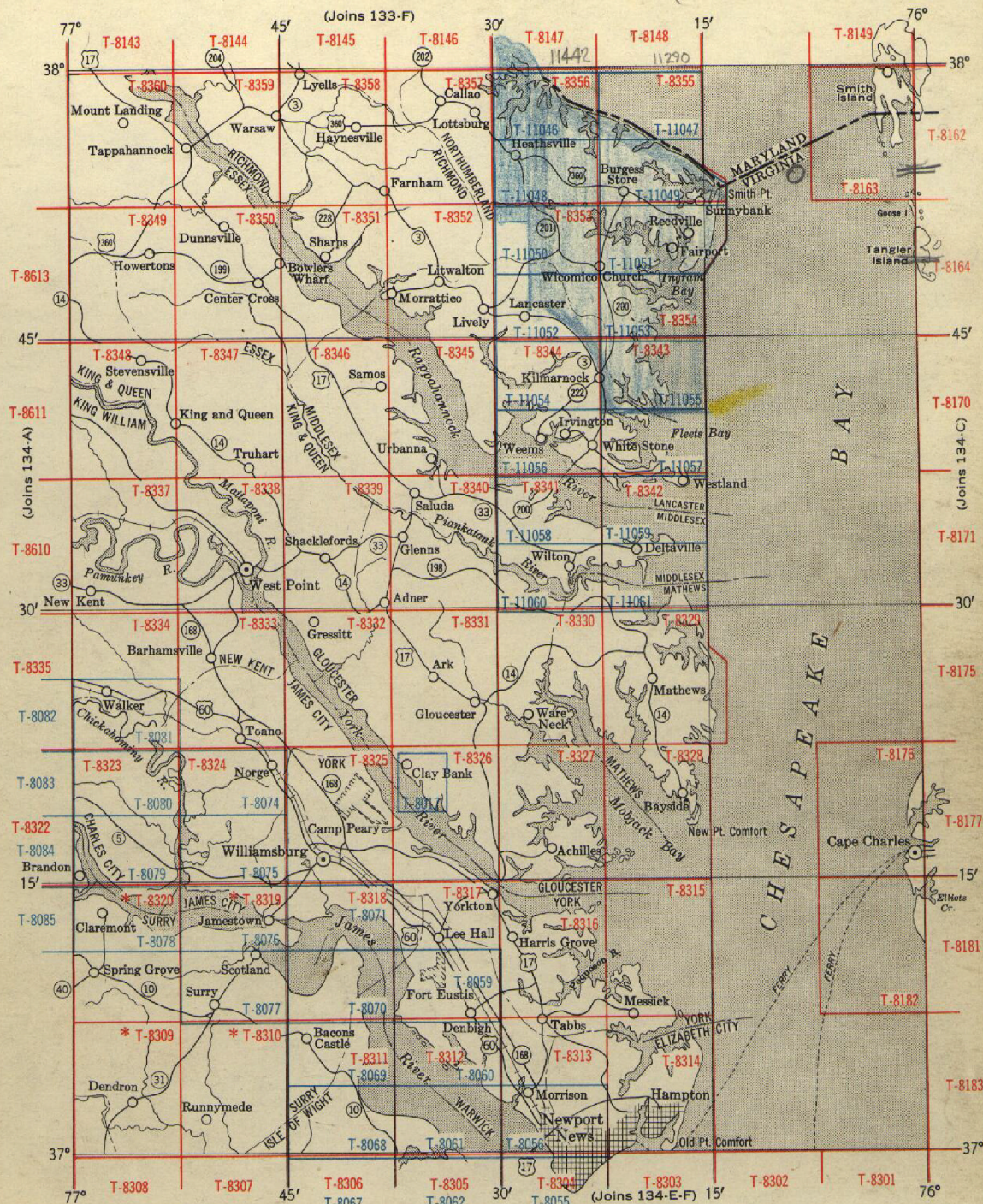
Remarks:

These shoreline manuscripts were compiled to furnish photo hydro positions and shoreline. Office interpreted shoreline is shown which is subject to a field edit by the hydrographic party before it is applied to the nautical charts.

VIRGINIA
MARYLAND

UNITED STATES
DEPARTMENT OF COMMERCE
Coast and Geodetic Survey
Washington, D. C.

MAP INDEX 134-B



SHORELINE SURVEYS: Show natural and cultural features, except contours and elevations, but cover only the shoreline and the land area immediately adjacent to the shoreline. Surveys T-8056 to T-8061, T-8068 to T-8071, T-8074 to T-8081, scale 1:10,000, prepared from aerial photographs taken November 1941; T-8017, scale 1:10,000, from photographs of 1945; T-11046 to T-11061, scale 1:10,000, from photographs taken October 1952. Not to be published but photographic copies of the original manuscripts can be furnished by the U. S. Coast and Geodetic Survey at 75c each.

TOPOGRAPHIC MAPS: Part of the 7½-minute series of standard topographic quadrangle maps of the United States. Maps T-8163, T-8176, T-8182 (from aerial photographs taken April 1942); T-8311 to T-8318, T-8327 to T-8330, T-8337 to T-8342, T-8346 to T-8360 (from aerial photographs taken December 1942); T-8343 to T-8345 (photographs taken February 1944); T-8309, T-8310, T-8319, T-8320 to T-8326, T-8331 to T-8334 (photographs taken March 1948), compiled by the U. S. Coast and Geodetic Survey at scale 1:20,000. Printed and distributed by the U. S. Geological Survey at 1:20,000 scale.

Chief, Graphic Compilation Section

12 November 1952

Chief, Division of Photogrammetry

(Sheet Nos. changed as follows:

3/30/53 (RS 434 to 11161

(RS 432 to 11158

Project Ph-101, Chesapeake Bay, Virginia (RS 430 to 11157

1. Project Ph-101 consists of sixteen 1:10,000 scale shoreline surveys (T-11046 to T-11061, inclusive) covering the western shore of Chesapeake Bay and adjacent inland waters from the Potomac River to the Paukatank River.
2. Compilation will consist of shoreline delineation and location of hydrographic signals and delineation of major road changes that have occurred since publication of the War Mapping quadrangles of this area. Only the actual shoreline shall be delineated, no details are required inshore of the mean high water line, except road changes which can be determined by visual comparison of the photographs with the original maps.
3. The purpose of this compilation is to provide shoreline and a means of control for hydrographic surveys. The office photographs and original compiled manuscript maps will be forwarded to the hydrographic parties for use in locating signals by field plotting. During office compilation, conspicuous, positively identifiable natural objects that will obviously be useful as hydrographic signals shall be identified on the photographs and located by radial plot. This shall be done without field inspection.
4. Field inspection shall be held to the minimum required for the above-stated compilation. Some of the horizontal control stations were recovered prior to photography and marked with ground targets intended to be visible on the photographs. Please inspect the photographs and the accompanying project layout and determine if any additional control must be recovered and/or established, and identified. Minimum shoreline inspection by sampling can be accomplished at the same time.
5. After the control requirements have been determined, please consult with me concerning the field work. Personnel may be detailed from the Baltimore Office, but it is preferred to accomplish the work with Washington Office personnel if practicable.
6. The following data will be provided:
 - a. Projections on acetate.
 - b. Office photographs (single and nine lens, October 1952).
 - c. G.P.'s and descriptions of control.
 - d. Project diagram (photo and control index, sheet layout, etc.)
 - e. Prints of War Mapping quads (for comparison).
 - f. Field identification data re: recovered horizontal control.

O. S. Reading, Chief, Div. Photogrammetry

PHOTOGRAMMETRIC PLOT REPORT
for
Radial Plot No. 4, Ph-101(52)
(Fleets Bay to Smith Pt.)

Shoreline Sheets T-11046, T-11047, T-11048
T-11049, T-11050, T-11051, T-11052, T-11053, 11442,
and T-11055. Refer to "Control Index"
attached to this report.

21. Area Covered:

This plot is the fourth ~~and last~~ radial plot in Ph-101(52) and extends from Fleets Bay to Smith Pt. and along the south bank of the Potomac River inland to the mouth of the Coan River. It includes Dividing Creek, Mill Creek, the Great Wicomico River, and tributaries and the Little Wicomico River and all shoreline needed for detail in this area for Chart 534.

22. Methods:

Regular procedures were followed in the laydown of the plot. The nine-lens was laid down in the areas of strongest control and then bridged to control on the perimeter. In this case the area of strongest control is in the vicinity of T-11051 and T-11049 on the Great Wicomico River. Vinylite templets were used throughout, and the time spent in preparing them with the calibration templet was justified since the plot was laid with relative ease where it was used. Trouble was encountered in the single lens part of the plot and additional control was office identified from descriptions and introduced in the plot. A satisfactory plot was accomplished well within the prescribed accuracy requirements. Vinylite manuscripts were furnished for all except T-11046, T-11047, T-11048, and T-11049 which are acetate. Scale is satisfactory on both vinylite and acetate manuscripts. A summary of control used and the relative tolerance for each station held is attached to this report.

The intersections were drilled with a number 80 twist drill and pass points and photo centers were inked with GPO blue ink on the back side of the manuscripts.

23. Adequacy of Control:

Horizontal control identification was attained from the following sources:

1. Horizontal control marked prior to the photography by Ensign D. Romero and later pricked on office photographs from field notes and sketches and from memory. (See his field inspection report in Project ~~file~~ for Ph-101)

2. 1944 field identification of control incident to War Mapping Project CS-289.

3. Office identification from published descriptions.

4. 1952 field identification after the date of photography.

A sheet layout index of control used is attached to this report. The density and distribution of control seemed adequate for the nine-lens plot. However, more control was recovered in the office to supplement that furnished for the plot to aid in laying the plot and to insure greater accuracy.

The summary sheet attached shows the source of identification and the tolerances achieved. It is considered an adequate plot and meets the Bureau's standard requirements for horizontal accuracy as far as can be determined.

25. Photography: (dated 1952)

Nine-lens positype paper prints were used for the main body of the radial plot along the west shore of the Chesapeake Bay. Single-lens ratio prints from the "0" camera were used along the west side of the nine-lens plot. No distortion correction templet was used on the single lens. Master calibration templet No. 36269 was used to correct for angular and paper distortion errors in the nine-lens prints. Photography was adequate for the nine-lens prints, but insufficient side lap in the single lens coverage caused concern about the accuracy in those areas.

No excessive tilts were noted, and the nine-lens calibration templet corrected printing and angular errors which helped result in a satisfactory plot. No area is considered of sub-standard quality within the area of this plot.

Approved by:

Submitted by:


L. C. Lande


Roscoe J. French

May 26, 1953

SUMMARY OF CONTROL
Plot No. 4 (Fleets Bay to Smith Pt.)

(T-11046, T-11047, T-11048
Control Used in Radial Plot for (T-11049, T-11050, T-11051, T-11052
(T-11053, T-11055

<u>Station Name</u>	<u>Remarks</u>	<u>Tolerance</u>
BLUFF-3, 1944 (Sub.Pt.) ✓	Field identified	Held
KILMARNOCK MUN. W.T. 1942	Office "	.3 mm.
PP-18F, 1944	" "	Held
PP-17F, 1944	" "	"
MARSH, 1944	Pre-marked	"
BM-18 (USGS), 1944	Field identified	"
GREAT WICOMICO L.H., 1898	Office "	"
COCKRELLS CREEK LT. 1938	" "	"
COCKRELLS PT. LT., 1938	" "	"
SANDY POINT LT., 1938	" "	"
HAYNIE PT. LT., 1938	" "	"
STACK (MORRIS CO.FAC.STACK), 1938	" "	"
OLD MAN (Sub. Pt.), 1931	Field identified	"
BAR, (V) 1931 Sub. Pt.	Used 1944 F.I.P.	.5 mm.
PP5E, 1944 (2 cuts)	Office identified	1 mm.
PP2E, 1944 (1 cut held)	" "	Held
WICOMICO, 1942 (RM #1)	Pre-marked	Held
CEDAR POINT (V), 1931	" "	"
GLEBE (V), 1931	Pre-marked	"
6L, 1944	Office identified	.5mm.
6J, 1944	" "	.5mm.
BURGESS STORE, SHILOH BAPTIST CHURCH		
SPIRE, 1942	Field identified	Held
6C, 1944	Pre-marked	"
BND. MON. 5, 1929 ✓	" "	"
BND. 2 Mon. 4, 1934 (Sub. Sta.)	Field identified	"
MILLER, 1920 (Sub. Pt.#3)	" "	.4mm.
SMITH Pt., 1934	Pre-marked	Held
MILLER, 1920 (Sub. Pt.#2)	Field identified	"
PP 7E (2 cuts)	Office identified	1mm.
PP 8E (2 cuts)	" "	Held
1 F, 1944 (1cut)	" "	"
PP 9E (1cut)	" "	"
PP 11E (2 cuts)	" "	"
PP 13E (2 cuts)	" "	"
MISKIMON LOOKO. TOWER (2 cuts)	" "	"
PTS-7 (USGS), 1916 (3 cuts)	" "	.3mm.
SISSONS, 1942, RM#2	Pre-marked	Held
BLUFF (VFC) 1931 (1 cut) ✓	Pre-marked	"

←

Supplement to Photogrammetric Plot Report
for Plot No. 4
Project 6101
April, 1956

Reference: Instructions, shoreline mapping (office) - Project 6101,
Supplement I, dated 5 Jan. 1956

Additional horizontal control was established and several previously-established triangulation stations were recovered in the area of radial plot No. 4 during the 1955 field season. This control was used in a test run of the original radial plot No. 4.

The methods followed in laying the plot were similar to those previously used. The original 9-lens templets were not available and new ones were made using the master templet for adjustments. No difficulties were experienced in making the templets although the positype photographs were in poor condition from having been used in the field. The original templets made from the single lens ratio prints were reused. New bases with polyconic projections at scale 1:10,000 were used in the test plot. The original pass points were brought up to the new bases for the purpose of showing any datum shift or break in the original radial plot as compared with the test plot.

The additional control used in the test run of radial plot No. 4 is summarized as follows:

Rennie, 1955 sub pt	T-11046	Held	
Hack, 1955 sub pt	T-11049	Held	
Boundary Monument No. 3, 1929 sub pt	T-11049	Held	
Smith Point, 1934 sub pt	T-11049	Held	Indefinite
Traverse Station 6-G, 1934 sub pt	T-11048	0.7 mm.	Sub Point
Little Wicomico River Lt. 1, 1955	T-11049	Held	

(Little Wicomico River Lt. 1 was recovered
on the photographs by office inspection)

The following stations, all identified on the photographs by office inspection, were not used in the templet laydown. They were cut in separately as pass points. They were then plotted onto the manuscripts from their computed geographic positions and these plotted positions were compared with their graphic location as based on the original plot. The stations and results are as follows:

Reedville Municipal Water Tank, 1955	T-11051	Held
Cranes Creek Channel Daybeacon No. 2, 1955	T-11051	0.4 mm
Cranes Creek Channel Daybeacon No. 4, 1955	T-11051	0.2 mm
Fleet Point Light 2, 1955	T-11053	Held

Azimuths measured from Smith Point Lighthouse, 1898 to the following photo-hydro stations were checked against the original manuscripts:

Got	T-11049	Sig	T-11049	Cue	T-11051
Fox	"	Abe	"	Fog	"
Mop	"	Big	T-11051	Tub	"
Jet	"	Ray	"	Bar	"

Three

Two of the above listed stations did not fall on the azimuth. The azimuth to Fox passed 0.5 mm north of the station and the azimuth to Ray^{and Big} passed 0.5 mm to the south of the station.

Triangulation station Great Wicomico Lighthouse, 1898, listed as held in the original plot, could not be held in this test plot. It was held to a tolerance of 0.9 mm. Water azimuths could cause this *Her*.

The original plot is concluded to be within prescribed accuracy limits inasmuch as the test plot did not reveal any considerable shift in datum of the original plot or any local breaks in the original plot. A very slight eastward shift in datum was indicated at Smith Point, an area adequately controlled. This movement was so small that no changes were required in the position of map detail.

Any further comprehensive verification of this radial plot should be accomplished with a new set of positype photographs and possibly with metal mounted photographs.

Submitted:

K. N. Maki
K. N. Maki

This new radial plot was used to check details and to relocate a number of the hydrographic signals. See Supplement to Compilation Report of work

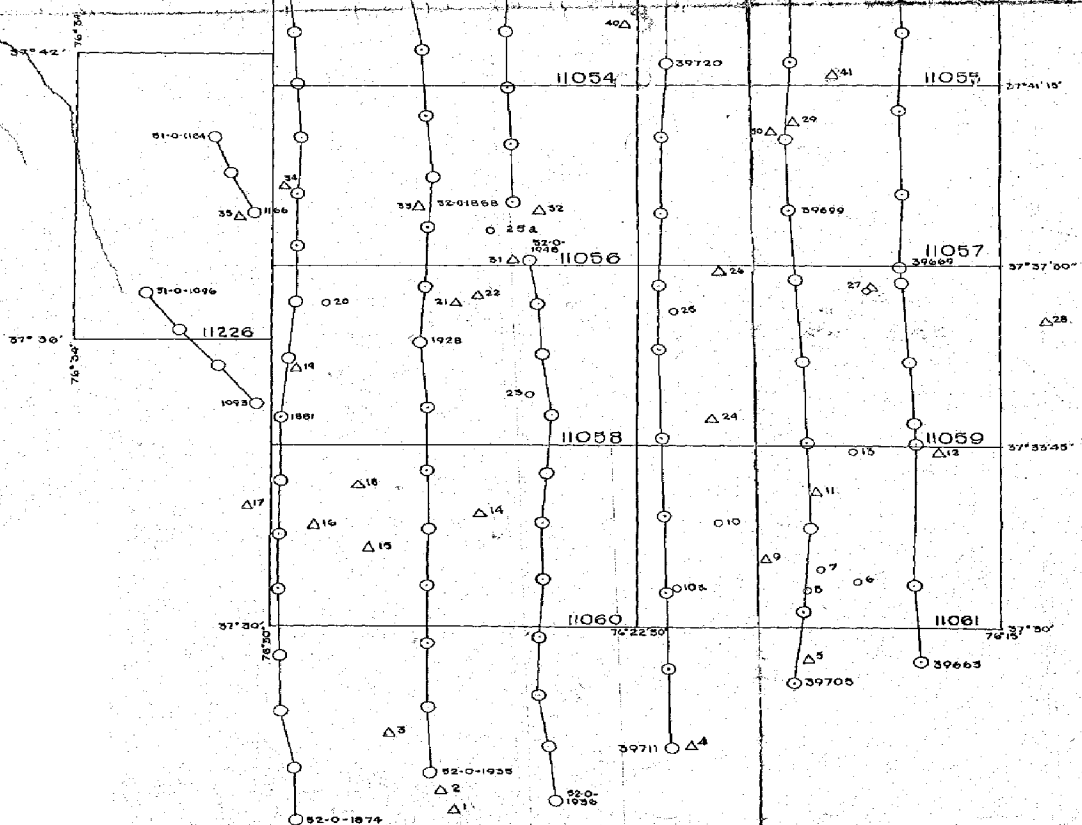
KEY TO NUMBERED CONTROL STATIONS
ON INDEX FOR PH-101(52)

1. Sand (VFC), 1933
2. Darling (VFC), 1933
3. James, 1942
4. Mathews Lookout Tower, 1942
5. Rock (VFC), 1933
6. Schor, 1953
7. Cherry Point Light, 1953
8. Stove Point Light, 1953
9. Stove Pt., 1930, sub.pt.
10. Mon, 1933
11. SSilo, 1953
12. Ross, 1920, sub.pt.
13. Spring Point L.H. 1900
14. SSilo, 1953
15. Stampers, 1942
16. Plankatank 19 (VFC), 1932
17. Plankatank 17 (VFC), 1932
18. P.T.S. No. 1 (USGS), 1918
19. Wm-Norfolk Airway Bn. No. 4, 1942
20. Mar, 1953, sub. pt.
21. Gray 3, 1942
22. Gray Point Light, 1944
23. SMill, 1953
24. Jackson, RM-2, 1941, sub.pt.
25. Moss, 1953
26. Brown, 1953
27. Oyster House South Cable, 1941
28. Windmill RM-3, 1932 and
29. Win, 1953
30. Windmill Point L. H., 1898
31. Old Poms Light, 1941
32. Dime 2, 1941, RM-1
33. Cherry 3, 1944, sub.pt.
34. White Stone, W. E. Church, Spire, 1942
35. Orchard 3, 1942
36. Old House (VFC), 1919
37. Towles 3, 1942
38. Slators RM-1, 1943 and
39. Slators F.T.S., 1941
40. BM 13 (USGS), 1941
41. PP 17E, 1944
42. PP 13E, 1944
43. Kilmarnock Municipal Water Tank, 1942
44. Bluff 3, 1941, sub.pt.
45. Marsh, 1941
46. BM K270, 1944, sub.pt.
47. BM J270, 1944, sub.pt.
48. BM H270, 1944, sub.pt.
49. PP 7E, 1944
50. PP 5E, 1944
51. PP 3E, 1944
52. Miskimon Lookout Tower, 1942
53. Wicomico RM-1, 1942
54. Great Wicomico L. H., 1898
55. Old Man (VFC), 1931, sub.pt.
56. Globe, 1931
57. Cedar Point (VFC), 1931
58. Burgoas Stone, Shiloh Baptist
59. Church, Spire, 1942
60. Smith Point, 1934
61. Miller, 1920, sub.pt. 1 and
62. Miller, 1920, sub.pt. 2
63. Boundary 2, Mon. 1, 1934, sub.pt.
64. S.C., 1941
65. Sigson, RM-2, 1942
66. Boundary Mon. No. 5, 1929
67. Bluff (VFC), 1931
68. Downing, 1931
69. Navy, RM-1, 1942

Needville, Morris
Factory Stack, 1926
65. Goodrella Creek Pt., 1933
66. Goodrella Pt. Lt., 1933
67. Sand Pt. Lt., 1933
68. Hamble Pt. Lt., 1933
69. Bar (VFC), 1931, sub.pt.
70. FRS 7 (USGS), 1918
Stations 1E, 2E, 3E, 4E,
5E, 6E, 7E, 8E, 9E are
transit traverse Δ

PH-101 (52)

Note
All 1963 stations are
1st order transit positions
for photo identification.



Sub. stas. identified in 1955 for
use in verifying plot

Photogrammetry

MAP T. PROJECT NO. 6101 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -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)
RENNIE, 1955	FIELD CAMP (PHOTOGR.)	NA 1927 3rd	37° 57' 20.695 76° 22' 46.464	(T-11046)		638.0 (1211.8)	11047
HACK, 1955	"	3rd	37° 55' 21.487 76° 17' 33.302	(T-11049)		1134.3 (330.5)	
BOUNDARY MONUMENT NO. 3, 1929	VOL. 1 PG. 272		37° 55' 23.062 76° 14' 29.329	(T-11049)		662.5 (1187.4)	
TRAVERSE STA 6-G, 1944	PG. 771	3rd	37° 53' 30.005 76° 22' 58.614	(T-11048)		813.4 (652.1)	
SMITH POINT 1934	PG. 168		37° 52' 51.019 76° 14' 45.725	(T-11049)		711.0 (1138.8)	
Sub. Pt. RENNIE, 1955			37° 57' 76° 22'			716.7 (749.4)	
Sub. Pt. HACK, 1955			37° 55' 76° 17'			925.08 (924.8)	11048
Sub. Pt. BOUNDARY MON. NO. 3, 1929			37° 53' 76° 22'			1432.17 (33.8)	
TRAVERSE STA 6-G, 1944			37° 52' 76° 14'			1573.0 (276.85)	1249.95
Sub. Pt. SMITH POINT, 1934			37° 57' 76° 14'			1117.4 (350.2)	1467.03
			37° 55' 76° 17'			614.5 (1235.4)	11047
			37° 53' 76° 22'			1103.8 (361.0)	
			37° 55' 76° 17'			632.8	
			37° 53' 76° 22'			757.3	
			37° 55' 76° 14'			680.2	
			37° 53' 76° 22'			695.4	
			37° 55' 76° 14'			921.27 (928.6)	11048
			37° 52' 76° 14'			1426.48 (39.5)	
			37° 55' 76° 14'			1489.1	
						1279.1	

1 FT. = 3048006 METER
COMPUTED BY: S.G. B. [signature] DATE: 3-1-56
CHECKED BY: K.N. Marki DATE: 3/27/56
M-2388-1

0.

SCALE OF MAP.....1:10,000

MAP T-:

[illegible]

1 FT. = 3048006 METER

COMPLETED BY: K. N. V. S. K.

DATE 3/16/55

CHECKED BY:...

DATE.

Shoreline Sheet

MAP T-111046

PROJECT NO. Ph-101(52)

SCALE OF MAP 1:10,000

SCALE FACTOR 1.00

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
BOUNDARY MON. 5 1929	272	NA 1927	37 57 53.032 76 24 47.546			1635.0 (214.9) 1160.6 (304.0)	
SISSONS, 1942	453	"	37 56 14.533 76 26 49.693			1448.1 (1401.8) 1213.5 (251.6)	
BLUFF (VFC), 1931	274	"	37 58 38.433 76 27 28.202			1185.0 (664.9) 688.3 (776.1)	
NAVY RMI, 1942		"	38-00 - 76-29	Sheet 11442		1709.8 55.0	
BOUNDARY MON No 2, 1929	272	"	37 53 - 17.624 76-14 - 20.469			543.4 1306.46 (1849.86) 500.2 965.9 (1066.1)	

1 FT. = 3048006 METER

COMPUTED BY: S. J. Hathorn

DATE April 1953

CHECKED BY: S.G.B.

DATE May 4, 1953

M-2368-12

Shoreline

MAP T-...11047...

PROJECT NO. Ph-101(52)

SCALE OF MAP 1:10,000

SCALE FACTOR 1.00

[illegible]

1 ET = 3048006 METER

COMPUTED BY: S. J. Hathorn

DATE April 1953

CHECKED BY: S. G. B.

DATE May 4, 1953

M-2388-12



Shoreline

MAP T-11048	PROJECT NO. Ph-101(52)	SCALE OF MAP	1:10,000	SCALE FACTOR	1.00
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SCALE FACTOR 1.00

SCALE OF MAP 1:10,000

PROJECT NO..... Ph-101(52)

MAP T-11048...

STATION

[illegible]

SCALE FACTOR 1.00

MAP T-17049

PROJECT NO. Ph-101

SCALE OF MAP..... 1:10,000

SCALE FACTOR 1.00

[illegible]

1 FT. = .3048006 METER

COMPUTED BY: S. J. Hathorn

DATE April, 1953

CHECKED BY: S.G.B.

DATE May 3, 1953

M-2388-12

MAP T-11051

PROJECT NO. Ph-101

SCALE OF MAP 1:10,000.

SCALE FACTOR 1.00

1.00

[illegible]

1 FT = 3048006 METER

1 FT. = .3048006 METER
COMPUTED BY: S. J. H. & R. J. F.

DATE May 4, 1953

CHECKED BY: S.G. Blankenbaker

DATE May 11, 1953

M-3988-12

Shoreline

MAP T-11053

PROJECT NO. Ph-101(52)

SCALE OF MAP 1:10,000

SCALE FACTOR 1.00

[illegible]

1 FT. = .3048006 METER

COMPUTED BY: S.J. Hathorn

DATE April, 1953

CHECKED BY: S.G.B.

DATE May 4, 1953

M-2388-12

Shoreline
MAP T-11054

PROJECT N0Ph-101

SCALE OF MAP 1:10,000

SCALE FACTOR 1.00

STATION

SOURCE OF INFORMATION
(INDEX)

DATUM

LATITUDE OR *y*-COORDINATE
LONGITUDE OR *x*-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
FORWARD (BACK)

FACTOR DISTANCE
FROM GRID OR PROJECTION LINE
IN METERS

FORWARD (BACK)

BM 18 (USGS)

1961

NA

622

37 班

26 92

35.669

17000
E7 777

KILMARNOCK

MUN. W.T. 1942

"

197

37 42

76 22

43.995

44.547

P.P. 17F, 1944

Trav.

11

37 43

76 23

P. P. 18F. 1911.

Trav.

11

37 43

76 23

11 FT = 3048006 METER

COMPUTED BY: N.S. Schultz

DATE Feb. 1953

CHECKED BY: S.J. Hathorn

DATE March 1953

M-2388-12

MAP T. 11055.

PROJECT NO. Ph-101(52)

SCALE OF MAP 1:10,000

SCALE FACTOR 1.00

[illegible]

1 FT. = .3048006 METER

S. J. Hathorn
COMPUTED BY.

DATE _____

April 1953

CHECKED BY S.G. Blankenbaker

May 11 1953

M-2388-12

COMPILATION REPORT

Shoreline Surveys T-11049, T-11050, T-11051, T-11053 & T-11055
T-11442, T-11046, T-11047, T-11048---

31. Delineation.-- Features were delineated in accordance with office memorandum, dated 12 November 1952, 73-mk1, except that road changes were omitted. Compilation was accomplished without benefit of field inspection and is subject to errors in office interpretation. Single lens and nine lens photographs taken in October 1952 were used for the compilation.

32. Control.-- (See the Photogrammetric Plot Report). Only those triangulation stations believed to be useful in the radial plot have been plotted on the manuscripts.

Nine 1943 4th-order topographic stations (non-monumented natural objects) were office-identified without the original field photographs and relocated during the radial plot.

T-11049:

MAR (1943) 1952	Not held
TOR (1943) 1952	Held
SAM (1943) 1952	Held
WEN (1943) 1952	Not held

T-11055:

CAM (1944) 1952	Not held
COB (1944) 1952	Not held
FAC (1944) 1952	Not held
HAR (1944) 1952	Not held
MAP (1944) 1952	Not held

New positions for the stations not held have been entered on the original Forms 524. The original descriptions for these stations should be field-checked by the hydrographer.

33 & 34. Inapplicable

35. Shoreline and Alongshore Details.-- Shallow lines represent tone lines on the photographs which may be of possible value to the hydrographic party.

36. Inapplicable

37. Aids to navigation.-- All fixed aids within the sheet limits were office-identified and have been shown on the manuscripts with the following exceptions:

T-11051:

Cranes Creek Channel	Daybeacon	2
"	"	4

T-11053:

Fleet Point Light

~~T-11442 Light (off Travis Pt.)~~

Forms 567 are not submitted for ^{fixed} these aids because they should be field-verified by the hydrographer.

38. Control for future surveys.- Identifiable alongshore details were positioned during compilation for use by the hydrographic party. They are listed under paragraph 49 by sheet and photograph.

39. Junctions.- The mean high water line on these sheets has been junctioned with the contemporary surveys of this series.

40. Horizontal Accuracy.- See the Photogrammetric Plot Report.

41. to 45. Inapplicable

46. Comparison with Registered Topographic Surveys.-

T-8343	1:20,000	1949
T-8353	1:20,000	1949
T-8354	1:31,680	1944
T-8355	1:20,000	1946

The long point east of the mouth of Taskmers Creek ($37^{\circ}50'76''15'$) shown on T-8354 is now non-existent. Other shoreline changes are minor and the surveys are in close agreement with the prior surveys.

47. Comparison with Nautical Charts.-

534	1:40,000	1951	corrected to 53-2/9
557	1:40,000	1946	corrected to 52-3/3

Items to be applied to charts immediately: None

Items to be carried forward. See par. 46 (Chart 534).

Submitted

19 August 1953

Stanley J. Hathorn
Stanley J. Hathorn
Cartographer (Photo.)

APPROVED:

L. C. Lande
L. C. Lande, Chief
Compilation Branch
Division of Photogrammetry

Supplement to Compilation Report
T-11442, T-11046 thru T-11051
T-11053 and T-11055
April 1956

All photo-hydro stations were verified on the subject manuscripts. These stations included those that were established in the field and the office identified stations that were recovered in the field. All photo-hydro stations are shown with the standard 2.5 mm black circle. The identifying name is shown in red. Thus, any photo-hydro station with a three-letter name has been identified and recovered in the field for use by the hydrographic parties.

In conjunction with the photo-hydro station verification any errors noted in shoreline delineation were corrected. The addition and deletion of alongshore cultural features such as piers and jetties were also done. Additions and changes are shown in red. A number of corrections and additions were applied to the manuscript from the notes shown in red on the black line impression for T-11051.

The triangulation stations established or recovered in 1955 are listed on Form M-2388-12.

Submitted: _____

K. N. Maki
K. N. Maki

*See notes for hydrographer
of back*

49. Notes for the Hydrographer.-

See par. 32, 35 and 37

The photo-hydro signals for these sheets are listed on succeeding pages and are itemized by sheet and photograph number.

HYDROGRAPHIC SIGNALS

Project Ph-101
Shoreline Sheet T-11050

Field Photograph 39726

- 427 - Land pt. at HWL
- 428 - Dark spot near point (?)
- 429 - Land pt. at HWL
- 430 - " " "
- 431 - Offshore end of log - downstream of two.
- 432 - Land pt. at HWL
- 433 - " " "
- 434 - Offshore pt. of white object just off HWL (probably boat)
- 435 - Land pt. at HWL
- 436 - Dark spot
- 437 - Dark strip at HWL
- 438 - Corner of dark area
- 438A - SW corner of light area
- 439 - End of pier
- 440 - Mouth of stream
- 441 - Land pt. at HWL
- 442 - Tree
- 443 - Bush on neck of point
- 444 - Land pt. at HWL
- 445 - End of pier
- 446 - " "
- 447 - Bush
- 448 - East gable
- 449 - End of pier
- 450 - White spot
- 451 - Pt. at HWL
- 452 - End of pier
- 453 - Pt. at HWL
- 455 - " "
- 456 - " "
- 457 - " "
- 458 - Recess in HWL

Field Photograph 52-0-1857

- 459 - End of pier
- 460 - Marsh pt. at HWL
- 461 - Marsh pt. at HWL

HYDROGRAPHIC SIGNALS

Project Ph-101
Shoreline Sheet T-11049

Field Photo 39683

- 462 - S end of light strip on point
- 463 - End of pier
- 464 - Lone dark spot (bush)
- 465 - Large dark spot (bush) in row
- 466 - Bush on edge of marsh island
- 467 - Dark spot near point
- 468 - N tip of dark strip along MHW
- 469 - End of pier
- 470 - S gable of house
- 471 - End of pier
- 472 - " " "
- 473 - Tip of point

Field Photo 39679

- 474 - Gap in marsh line
- 475 - End of pier
- 476 - South gable of barn

Field Photo 39683

- 478 - End of pier
- 479 - Tip of marsh at ⁿ HWL
- 480 - End of pier
- 481 - " " "
- 482 - " " "
- 483 - Bush along narrow vegetation strip (?)

Field Photo. 39679

- 484 - Dark spot near point
- 485 - End of pier
- 486 - Object on roof of house
- 487 - Tip of vegetation on point
- 488 - Tip of marsh at HWL
- 489 - End of pier
- 490 - Tip of marsh at HWL
- 491 - SE gable of bldg.
- 492 - Tip of land at HWL
- 493 - End of pier
- 494 - End of pier
- 495 - Tip of marsh at HWL
- 496 - Downstream gable of boathouse
- 497 - End of pier
- 498 - Tip of marsh at HWL
- 499 - Tip of marsh at HWL
- 500 - End of pier
- 501 - End of pier
- 502 - E gable of bldg
- 503 - NE corner of pier
- 504 - Light spot
- 505 - Dark spot along sand line

Field Photo. 39679 (continued)

- 506 - Lone tree
- 507 - Pt. of marsh at HWL
- 508 - Dark spot (?) in sand beach
- 509 - End of pier
- 510 - Tip of marsh at HWL
- 511 - " " " "
- 512 - End of short pier
- 513 - Pt of marsh at HWL
- 514 - Gap in marsh at head of creek
- 515 - Dark spot (?) along HWL
- 516 - Pt of land at HWL
- 517 - West gable of house
- 518 - Pt of marsh at HWL
- 519 - " " " "
- 520 - End of short pier
- 521 - End of pier
- 522 - West gable
- 523 - Tree on point
- 524 - Hump (dark spot) on side of fill
- 525 - Pt of land at HWL
- 526 - End of pier
- 527 - " " "
- 528 - Bush on point
- 528A - Bush along beach
- 529 - Pt of land at HWL
- 530 - End of pier
- 531 - " " "
- 532 - " " "
- 533 - " " "
- 534 - SE gable of bldg
- 535 - West end of small strip at HWL along point
- 536 - End of pier
- 537 - " " "
- 538 - Pt. of land at HWL
- 539 - End of pier
- 540 - " " "
- 541 - " " "
- 542 - " " "
- 543 - Light spot on marsh point
- 544 - End of pier (southerly of two)
- 545 - Vegetation point at HWL
- 546 - End of pier
- 547 - Gap in marsh HWL
- 548 - Vegetation point at HWL
- 549 - " " " "

²
OFFICE
Field Photo. 39688

- 550 - Tip of tiny point in shoreline
- 551 - End of pier
- 552 - " " "
- 553 - " " "
- 554 - SW end of white strip in shape of "A"
- 555 - End of pier

Ph-101

Field Photo 39688 (continued)

- 556 - Light spot on point
- 557 - Vegetation pt at HWL
- 558 - Pier end
- 559 - Vegetation pt at HWL
- 560 - " " " "

Field photo 39679

- 561 - Bush (dk. spot)
- 563 - " " "
- 564 - Bush
- 565 - Dk. spot (bush) near cor. of hedgerow

Field Photo 39680

- 566 - Triangulation station Miller sub pt 3 - Center
of inshore end of detached pier
- 567 - Cor. of fish net
- 568 - Pier end
- 569 - Dk. spot on beach
- 570 - Tree at edge of beach
- 571 - Lone tree - center of small clearing
- 572 - E. Gable of house

Field Photo 39688

- 573 - Bush on beach
- 574 - Edge of brush & path to creek
- 575 E. gable of house

HYDROGRAPHIC SIGNALS

PH-101

Shoreline Sheet T-11047

Field Photo 39688

- ✓576 - Tip of pond
- ✓577 - Small tree at beach edge
- ✓578 - Dk spot on beach

Photo 39730 (no field print)

- 579 - Sub pt Boundary 2 Mon 4 (Bush)
- 580 - Top of steps at bluff line
- 581 - Inshore end of detached pier
- 582 - Bush on beach
- 583 - Bush on beach
- 584 - Pt. of brush
- 585 - E. gable of house

HYDROGRAPHIC SIGNALS

PH-101

Shoreline Sheet T-11046

Field Photo 39730

- 586 - Bush on beach
- 587 - W. Gab. Ho. on point
- 588 - N. cor. "T" pier
- 589 - Pier end
- 590 - Pier end

Field Photo 39729

- 591 - Tip of brush line
- 592 - Small bush at W.L.
- 593 - Opening in vegetation on pt.
- 594 - Bush on pt.
- 595 - Tip of sharp, thin pt.
- 11048 { 596 - Small bush on marshy pt.
- 597 - Bush on pt.
- 598 - Tip of pt.
- 599 - Small bush on pt at river mouth
- 600 - Small bush in clearing
- 601 - NE gable house

Field Photo 1852 (single lens)

- 602 - Bush at edge of pond
- 603 - Cor. of white spot in marsh
- 604 - Large Bush
- 605 - Boundary Mon 5 (triangulation)
- 606 - Lone tree back of beach
- 607 - Tip of marshy pt.

Field Photo 1909

- 608 - Beach end of path to house
- 609 - Pier end
- 610 - Pier or fish stake end
- 611 - Dk spot (Bush) on beach
- 612 - Pier end
- 613 - Pier end
- 614 - Tip of pt.
- 615 - Dk spot on beach
- 616 - Fish stake
- 617 - Bush on beach
- 618 - Top tip of low bank at beach

Ph-101

Field Photo 1909 (continued)

- 619 - E. Gable of barn
- 620 - Dk spot (bush) on beach
- 621 - Pier end
- 622 - Pier end
- 623 - Pier end
- 624 - W. Gab of barn
- 625 - Bush on marshy strip

Photo 1901 (no field photo) single lens

- 626 - Tip of pt.
- 627 - Pier end
- 628 - Tip of pt.
- 629 - Pier end
- 630 - Dk spot (Bush) on pt.
- 631 - Pier end
- 632 - White spot on marshy strip
- 633 - Tip of sandy pt.
- 634 - Pier end

Field Photo 1902 (single lens)

- 635 - Pier end
- 636 - Tree on pt.
- 637 - Pier end
- 638 - Omitted
- 639 - W. Cor. "T" pier
- 640 - Tip of pt.
- 641 - Pier end
- 642 - Pier end
- 643 - Tip of pt
- 644 - Pier end
- 645 - " "
- 646 - " "
- 647 - " "
- 648 - Tip of pt
- 649 - Pier end
- 650 - " "
- 651 - " "
- 652 - Bush at tip of sharp pt.
- 653 - W. cor. "T" pier
- 654 - Pier end

Photo 1904 (no field photo)

- 655 Tip of pt
- 656 - Pier end

Shoreline Sheet T-11142

Photo 1904

- 657 - Tip of small jut in shoreline
- 658 - Pier end
- 659 - N.E. cor of bldg.
- 660 - Pier end
- 661 - Offshore tip of small triangle of vegetation
- 662 - Lt. spot in marsh
- 663 - Tip of thin, sharp point
- 664 - Bush at tip of pt.
- 665 - Dk. spot on inshore beach edge
- 666 - Pier end

NOTES TO HYDROGRAPHER

Project Ph-101

Shoreline Sheet T-11051

Shallow lines are tone lines and may not mark an abrupt change in depth.

The radial plot positions for all the lights in the Great Wicomico River agreed with the 1938 triangulation positions except Rogue Point Light. The office-identified location for this light as shown on the manuscript fell approximately 70 feet north of the triangulation position. This office-identified location should be verified by the hydrographer.

Shoreline buildings were inadvertently compiled along Cockrill Creek. However, no attempt was made by the compiler to select landmarks in the area.

No Forms 567 have been initiated for this sheet.

Office-identified photo-hydro stations have been listed in numerical order under the field photographs on which they were labeled.

Submitted
10 July 1953

Stanley J. Hathorn
Stanley J. Hathorn
Cartographer (Photo)

Approved

L. C. Lande
L. C. Lande, Chief
Graphic Compilation Section
Division of Photogrammetry

HYDROGRAPHIC SIGNALS

Project Ph-101

Shoreline Sheet T-11051

Field Photo 39676:

- 202 - Bush
- 203 - S end - Cupola Gable
- 204 - Grass Point
- 205 - SW Gable
- 206 - NW cor - T-pier
- 207 - SE corner of T-pier
- 208 - End of pier
- 209 - Point of land at HWL
- 210 - S gable
- 211 - Point of land (grass)
- 212 - End of fish trap
- 213 - End of pier
- 214 - Point of land at HWL
- 215 - Point of land at HWL
- 216 - End of pier
- 217 - Corner of fish stakes

(See Field Photo 39685)

- ~~218~~ -
- 232 - S gable of N+S wing of large building
- 233 - End of pier
- 234 - End of pier
- 235 - West gable
- 236 - End of pier
- 237 - End of pier
- 238 - Tip of land at HWL
- 239 - End of pier
- 240 - End of pier
- 241 - South gable
- 242 - End of pier
- 243 - S corner of wharf
- 244 - Chy on W end of bldg

Field Photo 39685:

- 218 - Point of grass
- 219 - SW gable
- 220 - End of pier
- 221 - East gable
- 222 - Offshore gable
- 223 - Tip of grass point
- 224 - Small grass patch
- 225 - Tip of grass point
- 226 - Small patch of grass

(See Field Photo 39684)

- 245 - End of pier - SE corner

HYDROGRAPHIC SIGNALS

Project Ph-101

Shoreline Sheet T-11051 (cont.)

Field Photo 39685 (cont):

- 246 - Offshore gable
- 247 - Pier corner
- 248 - End of pier - north corner
- 249 - End of pier
- 250 - Tip of land at HWL
- 251 - End of pier
- 252 - Shore end of small shack
- 253 - SW gable
- 254 - End of pier
- 255 - End of pier
- 256 - End of pier
- 257 - End of pier
- 258 - End of pier
- 259 - NE corner of pier
- 260 - End of pier
- 261 - South end of T-shaped pier
- 262 - End of pier
- 263 - NE gable
- 264 - S corner of pier
- 265 - SE gable
- 266 - End of pier
- 267 - Gable (South)
- 268 - South corner of pier
- 269 - End of pier
- 270 - End of pier
- 271 - End of pier
- 272 - Tip of land at HWL
- 273 - Tip of pier
- 274 - Small tree
- 275 - End of pier
- 276 - Lone tree
- 276A - End of pier
- 277 - End of pier
- 278 - End of pier
- 279 - Corner of L-shaped pier
- 280 - Offshore gable
- 281 - North gable - most westerly of two
- 282 - Corner of wharf
- 283 - Offshore gable
- 284 - End of pier
- 285 - Offshore gable

HYDROGRAPHIC SIGNALS

Project Ph-101

Shoreline Sheet T-11051 (cont)

Field Photo 39685 (cont):

- 286 - Corner of wharf
- 287 - End of pier
- 288 - Offshore gable
- 289 - End of pier

Field Photo 39684:

- 227 - Point of grass
- 228 - Gable
- 229 - Dark Spot
- 230 - Point of grass
- 231 - Point of grass
- (See Field Photo 39676)
- 290 - End of dock
- 291 - Lone tree
- 292 - Point of land at HWL
- 293 - Bush
- 294 - Point of land at HWL
- 295 - End of dock
- 296 - Point of land at HWL
- 297 - End of jetty
- 298 - End of dock
- 299 - End of dock
- 300 - Point of land at HWL
- 301 - End of dock

~~302~~ FIELD PHOTO 39692:

- 302 - End of fish stakes (groin)
- 303 - End of pier
- 304 - End of fish stakes (groin)
- 305 - End of pier
- 306 - Gable
- 307 - SW corner of square-shaped object
- 308 - End of pier
- 309 - End of pier
- 310 - End of pier
- 311 - Easternmost of two chys
- 312 - Point of land at HWL
- 313 - Point of land at HWL
- 314 - South gable
- 315 - Lone bush

HYDROGRAPHIC SIGNALS

Project Ph-101

Shoreline Sheet T-11051 (cont):

Field Photo 39692 (cont):

- 316 - Offshore gable of boathouse
 - 317 - Offshore end - fringe of marsh
 - 318 - End of pier
 - 319 - Point of land at HWL
 - 320 - End of pier
 - 321 - Pt of land at HWL
 - 322 - Pt of land at HWL
 - 323 - Bush
 - 324 - End of pier
 - 325 - North corner of pier
 - 326 - North gable
 - 327 - End of pier
 - 328 - Point of land at HWL
 - 329 - Point of land at HWL
 - 330 - Point of land at HWL
 - 331 - End of pier
 - 332 - End of pier
 - 333 - Gable
 - 334 - Point of marsh
 - 335 - Gable
 - 336 - Offshore end of groin
 - 337 - Point of grass
 - 338 - NW corner of pier
 - 339 - Dark spot - bush on tip of grass point
 - 340 SW corner of pier
 - 341 - End of pier
 - 342 - SW corner of pier
 - 343 - End of pier
 - 344 - Point of land at HWL
 - 345 - End of pier
 - 346 - Corner of pier
 - 347 - End of pier ~~348 - Point of land at HWL~~
 - 348 - Point of land at HWL
 - 349 - End of pier
 - 350 - Point of land at HWL
 - 351 - End of pier
 - 352 - Point of land at HWL
- (See Field Photo 39691)
- 422 - End of pier
 - 423 - End of pier
 - 424 - End of pier
 - 425 - End of pier
 - 426 - Point of land at HWL

HYDROGRAPHIC SIGNALS

Project Ph-101

Shoreline Sheet T-11051 (Cont)

Field Photo 39691:

- 353 - North gable
- 354 - South gable
- 355 - End of pier
- 356 - Grass point
- 357 - Point of land at HWL
- 358 - Point of land at HWL
- 359 - Point of land at HWL
- 359A - End of pier
- 360 - South corner of pier
- 361 - Bush
- 362 - End of pier
- 363 - Bush
- 364 - South gable
- 365 - SE corner of pier
- 366 - Stack
- 367 - Point of land at HWL
- 368 - Point of marsh
- 369 - Point of land at HWL
- 370 - Point of land at HWL
- 371 - Point of land at HWL
- 372 - Point of land at HWL
- 373 - Corner of grass line
- 374 - Point of grass line
- 375 - Dark spot on edge of grass line
- 376 - Tree
- 377 - NE corner of pier
- 378 - End of pier
- 379 - Point of land at HWL
- 380 - Point of marsh at HWL
- 381 - Point of marsh at HWL
- 382 - Point of marsh at HWL
- 383 - Point of marsh at HWL
- 384 - Point of land at HWL
- 385 - Dark spot
- 386 - SW gable
- 387 - End of pier
- 388 - End of pier

Field Photo 39726:

- 389 - Head - Identification of marsh
- 390 - Elevated white object
- 391 - NW corner of pier

HYDROGRAPHIC SIGNALS

Project Ph-101

Shoreline Sheet T-11051 (cont)

Field Photo 39726 (cont):

- 392 - N corner of pier
- 393 - Pt of marsh at HWL
- 394 - End of pier
- 395 - Pt of land at HWL
- 396 - Pt of land at HWL
- 397 - Chy in center of roof
- 398 - End of pier
- 399 - Gable - boathouse
- 400 - South corner of dock
- 401 - Point of marsh at HWL
- 402 - SE corner of grass patch
- 4023 - End of pier
- 404 - North corner of pier
- 404A - Offshore gable
- 405 - SE corner of dock
- 406 - Piling - end of bridge fender
- 407 - Piling - end of bridge fender
- 408 - SW corner of pier
- 409 - Center of white patch
- 410 - End of pier
- 411 - Point of land at HWL
- 412 - South corner of pier
- 413 - End of pier
- 414 - Gable
- 415 - SE corner of white patch
- 416 - Point of land at HWL
- 417 - Point of land at HWL
- 418 - End of pier
- 419 - Point of land at HWL
- 420 - Point of land at HWL
- 421 - Point of marsh

(See field photo 39692)

Hydrographic Signals
Project Ph-101
Sheet T-11053

original

Field photo 39695:

<u>Hydro No.</u>	<u>Description</u>
128	Point of land
129	Pier end
130	Pt. of land
131	Pier end
132	Pt. of land
133	South Gable of House
135	Center of small island off point
136	Sand Pt.
137	Pier end

Field photo 39694:

138	Pier end
139	White spot at shoreline
140	Pier end
141	Tree
142	E tip of point
143	Center of dark spot
144	Dark spot on beach
145	Dark spot (veg.) on beach
146	Offshore end of fish stake
147	Pt. of marsh
148	Lone tree
149	Veg. spot at point
150	NW corner of dark spot
151	Dark spot at point
152	Lone tall tree
153	End of fish stakes
154	Dark spot
155	Center of small out cropping in shoreline
(156 thru 164	on field photo 39675)
165	Small point of land
166	North tree at point
167	Dark spot
168	Pier end
169	Northernmost of 2 tall trees
170	Small pt. of veg. at Sand shoreline
171	NE corner of pier
172	Tallest tree at vegetation & sand beach line
173	Tree at shoreline
174	SW corner white spot on small neck
175	Pier end
176	Pier end

T-11053 cont.

Field Photo 39675:

<u>Hydro No.</u>	<u>Description</u>
156	Point of marsh
157	Small island off point
158	Small jutting in shoreline
159	Dk. spot on island
160	SE corner of vegetation
161	Dark spot
162	Center of small island off point of larger island
163	Bush at point
164	Dark spot

Field Photo 39693:

177	Pier end
178	Point of vegetation
179	East gable house
180	Dark spot at point
181	Pt. of marsh
182	Pt. of land
183	S. corner pier
184	Pier end
185	Center of white spot at point
186	Tree at point
187	Pier end
188	Bush at Point
189	Dark spot at point
190	SE corner of pier
191	Pier end
192	Bush on neck
193	Largest tree on island
194	Point of small island
194A	Pier end
195	Center end of "T" pier
195A	Pier end
196	Tree at point
197	Northern tree of 3 at shoreline
198	Pb. of marsh
199	Lone small tree
200	Groin end

original

49. Notes for the Hydrographer.- T-11055

Shallow lines are tone lines and may not mark an abrupt change in depth.

Aids to Navigation in Indian Creek were located as photographic detail points and should be checked in the field by sextant cuts (or fix) from hydrographic stations. Forms 567 have not been initiated for this sheet.

Office identified photo-hydro stations have been listed under the field photograph on which they were labeled.

The following 1944 topographic stations were relocated by the 1953 radial plot and the 1953 radial plot position is inked on photostatic copy of the Form 524 that is being furnished you.

Cam (1944) 1952
Cob (1944) 1952
Fac (1944) 1952
Har (1944) 1952
Map (1944) 1952

HYDROGRAPHIC SIGNALS
Project Ph-101
Sheet T-11055

Field Photo 39697:

- 001 - Recess in marsh line
- 002 - End of pier
- 003 - Silo
- 004 - Pt. of marsh
- 005 - Pt. at MHW
- 006 - Jog in shoreline
- 007 - Pt. at MHW
- 008 - End of Pier
- 009 - Extremity (apex) of marsh
- 010 - SE corner of pier
- 011 - End of pier
- 012 - E corner of pier
- 013 - Bow of sunken boat
- 014 - End of pier
- 015 - NE corner of pier
- 016 - End of pier
- 016A - End of Pr.
- 017 - Corner by bulkhead (or retaining structure)
- 018 - End of pier
- 019 - NW corner of pier
- 020 - End of pier
- 020A - Hump in Ma Line
- 021 - End of pier
- 022 - SW corner of point
- 023 - NW corner of light area.
- 024 - Pt. of marsh
- 025 - Pt. of bank
- 027 - End of pier
- 028 - W corner of pier
- 029 - Bush (dark spot)
- 030 - Ma Pt.
- 031 - End of pier
- 032 - End of pier
- 033 - End of pier
- 034 - South gable
- 035 - End of pier
- 036 - E Corner of pier
- 037 - End of pier
- 038 - S corner of pier
- 039 - End of pier
- 040 - End of pier
- 041 - SE corner of pier
- 042 - End of pier
- 043 - End of pier
- 044 - South point of dark area
- 045 - Corner of pond
- 046 - End of pier

T-11055 Cont.

- 047 - Side of bridge at MHWL
- 048 - Pt. of marsh
- 049 - End of pier
- 050 - Ctr. of light of spot.
- 051 - Point of marsh
- 052 - Lone bush
- 053 - Recess in light area
- 054 - Dark Spot
- 055 - Dark Spot

Office Photo 39672:

- 056 - End of log
- 057 - South point of light area
- 058 - East tip of dark spot

Field Photo 39696:

- 059 - Lone bush
- 060 - Dark spot
- 061 - NE corner - light area
- 062 - SW corner of rectangular light area.
- 063 - NW corner of pier
- 064 - Pt. at MHW
- 065 - East point of pond
- 066 - North gable
- 067 - East Gable
- 068 - End of pier
- 069 - South gable
- 071 - End of pier
- 072 - chy. in center of house
- 073 - End of pier
- 074 - East gable - Boat shed
- 075 - End of pier
- 076 - End of pier
- 077 - Pt. at MHW
- 078 - N. Gable - boat house
- 080 - End of pr.
- 081 - South gable
- 082 - South gable
- 083 - SW corner of pier
- 084 - End of hedge
- 085 - Duck blind (?)
- 086 - N. Pt. of light spot
- 087 - Bush (dark spot)
- 088 - Dark spot

T-11055 cont.

Field Photo 39695:

- 089 - Center of white spot
- 090 - Dark spot
- 091 - End of grain
- 092 - SE corner of duck blind
- 093 - End of pier
- 095 - Narrow neck in grass line
- 097 - Center of dark spot
- 098 - SE corner of dark area
- 100 - End of pier
- 101 - SE (high) portion of roof
- 102 - East point of dark spot
- 103 - Point of marsh
- 106 - End of fence
- 107 - Lone tree
- 109 - NW point of marsh island
- 110 - Pier end
- 111 - Pier end
- 112 - White spot on point
- 113 - Dark spot
- 115 - End of pier (ruins)
- 116 - E end of log, east of light spot
- 117 - Marsh point
- 118 - North lump of marsh
- 119 - Bush on south side of small point (?)
- 120 - End of pier
- 121 - Pt. of marsh
- 122 - Bush
- 123 - Dark spot
- 124 - End of pier
- 125 - NW corner of pier

NOTES FOR THE HYDROGRAPHER
April 1956

from photo
to manuscript

The following is a list of photo-hydro stations indicating the difference between the field-located positions on the blackline impressions and the office-located positions on the manuscripts:

T-11047
Station

Position change from field
blackline impression

MUG
LOG
NIL

0.2 mm E
13.2 mm SE
.2 mm NE

T-11048

SIR
WIN
YEA
ROB

0.4 mm W
.9 mm W
.2 mm W
.4 mm N

T-11049

TOY
SOX
PIN
OUT
FOR
NIG
JUG
PUG
FRY
FOX
MOP
LIP
NIP
LAY
KED
FLY
EMO
EEL
SET
CON
EON
AMP
TAX
WAD

0.3 mm NE
0.2 mm N
(See notes)
0.2 mm S
0.4 mm SE
0.6 mm SE
0.3 mm SE
0.4 mm NE
0.3 mm W
0.2 mm SW (See notes)
0.5 mm SE
0.2 mm N
0.6 mm S
1.4 mm SE
0.5 mm E
1.8 mm SE
0.2 mm SE
0.4 mm SW
0.2 mm W
0.5 mm E
0.3 mm SW
0.5 mm SE
0.4 mm E
0.5 mm S

*The new portions for these
reports were turned in for plotting
the smooth hydrographic charts.*

T-11049 (continued)

Station

Position change from
field blackline impression

PET	0.3 mm S
ICE	0.3 mm N
HER	0.3 mm N
NED	0.3 mm N
TAN	0.4 mm NE
USE	0.8 mm NW
DIP	0.6 mm SW
ALP	0.7 mm NE
VET	0.2 mm N
CAR	0.2 mm W
AIM	0.7 mm W
GUY	1.0 mm NE
BAG	0.5 mm SW
GAL	0.4 mm NW
ITS	0.5 mm NE
JAY	(See notes)
KIM	0.6 mm S
LAX	0.2 mm SW
JET (Little Wicomico River Lt. #1)	0.3 mm NE (See notes)

NOTES:

GOT - Position transferred from blackline impression. Apparently the station was not identified on the field photos.

HUM - Position transferred from blackline impression. Apparently the position was obtained from two photo points (a & b). These field-identified points (a & b) were "cut-in" on the manuscript. Points a & b are not shown on the blackline impression indicating the position of HUM may have been established by other means.

SIG - Photo pts. "a", "b" and "c" apparently used in locating the position of station SIG were "cut in" and circled on the manuscript. The positions of the points are the same as the positions of the points "cut in" in the field on the blackline impressions. The position of station HUM is not circled in ink on the blackline impression. The pencil-circled point on the blackline impression was transferred to the manuscript.

JAY - The name JAY is shown near photo-hydro station 462 on the blackline impression. The field identified point for JAY on the field photograph falls approximately 0.7 m N of office identified photo-hydro station No. 462. The manuscript position for station JAY falls approximately 0.7 mm north of station 462.

T-11049 (continued)

- PIN - The pricking card for HACK sub pt. notes: "Hydro station 570 same as sub. pt. HACK should not be confused with hydro station PIN." Although a position is indicated by a red circle on the blackline impression for photo-hydro station PIN (falls N of sub. pt. HACK or Hydro 570) the photo image was not pricked. The radial plot position of photo hydro station PIN falls 0.2 mm W of the plotted position of sub. pt. HACK or hydro 570. PIN was not pricked through on the manuscript.
- FOX - Fox is the photo-point - the sub station being the actual photo-hydro. Station FOX was cut in - the new position on the manuscript fall 0.2 mm SW of the point on the blackline impression. The sub station (or photo-hydro station was not transferred to the manuscript.
- JET - The radial plot position for hydro station JET (Little Wicomico River LT. #1, 1955) falls 0.3 mm NE of its 1955 triangulation position. The 1955 triangulation position is plotted on the manuscript.
- WHO - Shown with blue circle on blackline impression - not transferred to manuscript.
- EGO - DAYBEACONS #4, #6, #8 same as WHO above.
- MAR - Topo station (1943) 1953, MOVED 0.3 MM N - NEW POSITION SCALED AND RECORDED ON TOPO RECOVERY CARD.

T-11050

Station

Position change from field
blackline impression

JIM	0.3 mm E
BIB	.4 mm E
JAY	.3 mm S
EVA	.3 mm E
FOE	.3 mm S
DOG	.3 mm S
JOE	.3 mm E
GAS	.3 mm NE
HEX	.3 mm NE

T-11051

AIM	0.3 mm W
BIG	.4 mm W
PET	.3 mm W
ANN (408)	.2 mm SW
CAB (406)	.3 mm SW
ICE	.2 mm S
HAG	.6 mm S
KIL (Pricked from blackline)	NONE

T-11051 (continued)

Station

Position change from field
blackline impression

LAD	Pricked from blackline	NONE
USE	Not on blackline	
TAN	" " "	
KEL	Pricked from blackline	NONE
YAK	Transfer questionable - within 0.5 mm	0.3 mm E
361		.4 mm S
Photo Pt. AGE		.3 mm S
TIN	Building cut back in compilation	.3 mm N
BED (356)		.3 mm SW
ELF		.3 mm SE
HID		.2 mm SW
KEY		.3 mm SW
IVY		.2 mm NW
GOO		.2 mm N
SAG		.3 mm E
ZIG		.3 mm NE
CAW		.2 mm W
JUG		.2 mm NE
VAN		
CAR		0.2 mm NE
RUB	Not on blackline	
TAN		.2 mm N
GEE		1.0 mm E
SIC		.2 mm SW
MAS		.4 mm NE
HEX		.3 mm S
IRK		.2 mm NW
FEZ		.5 mm SW
EAT	Pricked from blackline	NONE
CAP	Questionable identification - W gable pricked	.2 mm NW
DOT	Questionable identification - within 0.2 mm	.2 mm N
FUN		.2 mm NE
GAD		.2 mm E
BUT		.3 mm N
ERG		.3 mm SW
BOA		.2 mm W
AMY		.3 mm W
FAR		.3 mm NE
AVE		.3 mm N
OWL		.4 mm W
TAP		.2 mm SE
MAC		.4 mm SE

T-11051 (continued)

Station

Position change from field
blackline impression

PAD	Blackline position pricked - Identity not clear. Attempted pricking falls 0.3 mm N.	
DIM		0.4 mm N
HUB		.2 mm S
LAD		.3 mm S
MID		.2 mm S
NIP		.2 mm SW
REV	Pricked from blackline	NONE
EAR		.2 mm S
Photo Pt B		.4 mm NW
SIS		.4 mm NW
BIG		.4 mm NE
LAM		.4 mm NE
PEG		.5 mm E
RAT		.3 mm NE
SAL	Pricked from blackline	NONE
ZOO	Not on blackline	
ERA	Not on blackline	
DAW		.2 mm S
NIL		.2 mm E
OUT		.3 mm NE
YAM		.2 mm W
SAL		.4 mm E
JIB		.2 mm SE
DIX		.4 mm N
BON		.3 mm NW
PIN	Pricked from blackline - photo pts. check	NONE
SET		.6 mm N
AMP		.2 mm NW
CAN		.2 mm SW

T-11053

Position change on manuscript.
No field blackline furnished

VET		0.2 mm NE
TAX		.6 mm SW
MUG		.3 mm NW
QUO		.3 mm S
NOD		.4 mm SE
HEX		.3 mm NW
KIM	Photo point	.3 mm W
JOE		.4 mm NW
GOT	Photo point	.7 mm E
FEW		.4 mm NE
BUS		.3 mm NW

T-11053
Station

Position change on manuscript.
No field blackline furnished

UKE					.3 mm S
SAL					.3 mm S
JAP					.6 mm NW
RAT	No photo position				
DUN	" "	"			
MOO	" "	"			

*Photo points A and B north of hydro station DOG

A	.5 mm NE
B	.3 mm SE

*The 2.5 mm red circle west of photo points A and B was not moved in position as no data referencing it to A and B was available. It is presumed to be a hydro station although no name was submitted for it by the field.

T-11055

USE						0.2 mm W
DOL	Field position only - not relocated					
AMY	"	"	"	"	"	
WHY	"	"	"	"	"	
BOO	"	"	"	"	"	
GUY	"	"	"	"	"	
ROY						0.2 mm W
EMO						.3 mm E
NEO						.9 mm S
CRA						.5 mm S
RAT						.3 mm SW

GEOGRAPHIC NAMES

Survey No.

T-11046

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	
POTOMAC RIVER				T-11442					1
HULL CREEK				POTOMAC RIVER					2
CORBIN POND				TRAVIS POINT					3
PRESLEY CREEK				KINGSCOTE CREEK					4
COD CREEK				JUDITH SOUND					5
GREAT POINT				HOG ISLAND					6
BALLS CREEK				GARNER CREEK					7
WALNUT POINT									8
COAN RIVER									9
HAWK NEST POINT									10
PIPES POINT									11
BOATHOUSE POND									12
STEVENS POINT									13
KILLNECK CREEK									14
HONEST POINT									15
THE GLEBE									16
GLEBE CREEK									17
WRIGHT COVE									18
KINGSCOT CREEK									19
TRAVIS POINT									20
<u>T-11048</u>									21
POTOMAC RIVER									22
HULL CREEK									23
GREAT WICOMICO RIVER									24
CRAWLEY CREEK									25
COAN RIVER									26
									27

GEOGRAPHIC NAMES

T-11049	T-11050	T-11051
T-11046	T-11047	T-11048
T-11053	T-11055	T-11442

These names were verified by the Geographic Names Section at the time of review.

Chesapeake Bay	Horn Harbor	Harveys Creek
Smith Point	Ferry Point	Bluff Point Neck
Rock Hole	Coles Creek	Bluff Point
Tabb Creek	Glebe Point	Barnes Creek
Sharps Creek	Betts Mill Creek	Henrys Creek
Bridge Creek	Balls Creek	Bells Creek
Little Wicomico River	Tipers Creek	Longs Creek
Back Creek	Barrett Creek	Pitmans Cove
Cod Creek	Rogue Point	Grace Point
King Point	Penny Creek	Indian Creek
Flood Point	Gougher Creek	Waverly Cove
Spring Cove	Shell Creek	Kilmarnock Landing
Ellyson Creek	Bailey Prong	Arthur Cove
Ginny Beach	Hull Creek	Warehouse Point
Virmare Beach	Corbin Pond	Jarvis Point
Flag Pond	Presley Creek	Jarvis Creek
Hack Creek	Cod Creek	Kent Point
Black Pond	Great Point	Prentice Creek
Condit Pond	Walnut Point	Dividing Creek
Potomac River	Coan River	Lawrence Cove
Cubitt Creek	Boathouse Pond	Highland Landing
Blackwell Creek	Hawk Nest Point	Ingram Cove
Great Wicomico River	Stevens Point	Hughlett Point
Cedar Point	Killneck Creek	Cape Henry
Coopers Landing	Honest Point	Garner Creek
Sampsons Wharf	The Glebe	Judith Sound
Indian Point	Kingscote Creek	Hog Island
Crawley Creek	Travis Point	
Balls Creek	Popes Point	
Owens Pond	Glebe Creek	
Taskmers Creek	Wrights Cove	
Bull Neck	Condit Pond	
Fleet Point	Ingram Bay	
Cockrell Creek	Harveys Neck	
Cockrell Point	Towles Creek	
Reason Creek	Mill Creek	
Sandy Point	Dameron Marsh	
Whays Creek	Cloverdale Creek	
Bussel Point	Ball Neck	
Cranes Creek	Ball Creek	
Little Sandy Point	Salt Pond	
Collins Point	Natty Point Cove	
Warehouse Creek	Dividing Creek	

Names approved 11 April 1957
A.J.W.

711-aal

Cartographic Branch

4 March 1957

Chief, Photogrammetry Division

Review of Shoreline maps, Project 27130 (Va. & Md.,
Mobjack Bay to Potomac River)

It is my understanding that the project instructions call for the compilation of any new roads or road realignments in the project area, but that compilation has actually been limited to shoreline and signals for hydrographic support and has not covered any interior details.

In view of the press of work now on hand, I do not think that we should compile additional information on these maps. If such is needed for a chart revision, Mr. Brooks' Unit can take care of it as a chart correction job.

In reviewing the project, please be concerned only with the shoreline and information for hydrography and ignore the omission of interior details.

L. V. Swenson, Chief,
Photogrammetry Division

REVIEW REPORT
T-11046 T-11047 T-11048
T-11049 T-11050 T-11051
T-11053 T-11055 T-11442
Shoreline Surveys
15 April 1957

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

T-310	1:20,000	1850
T-458	"	1849-50
T-500	"	1850-56
T-1102	"	1868
T-2809	"	1906
T-2821	"	1906-07
T-2956	"	1908-09
T-2957	"	1908-09
T-8147	"	1942
T-8343	"	1945
T-8353	"	1944
T-8354	"	1942
T-8355	"	1942
T-8356	"	1942

The manuscripts delineate shoreline only and were prepared to establish signals for hydrography. Inshore revision of nautical charts is not possible.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

AMS Heathville, Va., Md. quadrangle 1:24,000	1944
AMS Sunnybank, Va., Md. quadrangle 1:24,000	1944
USGS Lancaster, Va. quadrangle 1:24,000	1945
(This quadrangle based on T-8353)	
AMS Reedville, Va. quadrangle 1:25,000	1943
USGS Fleets Bay, Va. quadrangle 1:24,000	1946
(This quadrangle based on T-8343)	
AMS St. George Island quadrangle 1:25,000	1942

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

There is no contemporary hydrographic survey covering T-11046, T-11442, and the northern portion of T-11048.

T-11047 was compared to boat sheet blueprint #53051 (HO-8278, 1955). No hydrographic report is available.

The southern portion of T-11048 was compared to boat sheet blueprint #53048 (HO-8276, 1955). No hydrographic report is available.

The northern portion of T-11049 was compared to boat sheet blueprint #53051 (HO-8278, 1955). The blueprints covering the Little Wicomico River are missing from the files so no comparison could be made in this area. No hydrographic report is available.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS continued.

T-11050 was compared to boat sheet blueprint #53048 (HO-8276, 1955). No hydrographic report is available.

T-11051 was compared to boat sheet blueprints #53048 (HO-8276, 1955) and # 53043 (HO-8190, 1954). The Northeast corner of the manuscript could not be checked as the blueprint is missing from the file. No hydrographic report is available.

T-11053 was compared to boat sheet blueprints #53043 (HO-8190, 1954) and #53788 (HO-8189, 1954). No hydrographic report is available.

T-11055 was compared to the boat sheet blueprint #53788 (HO-8189, 1954) and the smooth sheet of HO-8188, 1954. There is a hydrographic report for HO-8188.

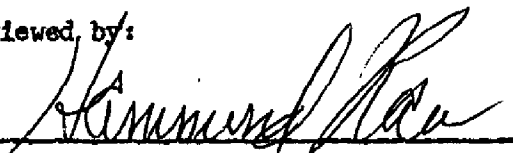
65. COMPARISON WITH NAUTICAL CHARTS

# 557	1:40,000	6th ed. 8/10/46 revised 6/11/56
# 534	1:40,000	3rd ed. 7/2/51 revised 10/31/55
# 1223	1:80,000	5th ed. 8/22/55 revised 8/27/56
# 1224	1:80,000	6th ed. 5/10/54 revised 1/21/57

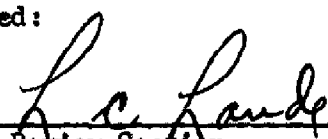
66. MAP ACCURACY

The manuscripts conform with the National Standards of Map Accuracy and the project instructions as amended.

Reviewed by:



Approved:



Chief, Review Section
Photogrammetry Division



Chief, Nautical Chart Branch
Division of Charts



Chief, Photogrammetry Division



Chief, Division of Coastal Surveys

MARINE CHART BRANCH
RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-11046 to T-11442

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]