

11232

Diag. Cht. No. 78-4 and 1221-2.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Ph-119 Office No. T-11232

LOCALITY

State Virginia

General locality Pocomoke Sound

Locality Gaillford Cr.

19 53-55

CHIEF OF PARTY

E.H.Kirsch, Chief of Field Party

E.H.Kirsch, Baltimore District Office

LIBRARY & ARCHIVES

DATE September 1961

USCOMM-DC 5087

11232

DATA RECORD

T -11,232

Project No. (II): ~~6119~~ PH-119 Quadrangle Name (IV):

Field Office (II): Exmore, Virginia

Chief of Party: E. H. Kirsch

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: E. H. Kirsch

Instructions dated (II) (III): 2 July 1953
15 February 1956

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.000

Date received in Washington Office (IV): ~~3-21-56~~ Date reported to Nautical Chart Branch (IV): ~~3-21-56~~

Applied to Chart No.

Date:

Date registered (IV): 11/22/60

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III): MHW

~~Mean sea level except as follows:~~
~~Elevations shown as (25) refer to mean high water~~
~~Elevations shown as (5) refer to sounding datum~~
~~i.e., mean low water or mean lower low water~~

Reference Station (III): WESSELS, 1942

Lat.: 37° 51' 43.545" (1342.5 m) Long.: 75° 38' 08.333" (203.7 m)

Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

State: Virginia

Zone: South

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.

[illegible]

COMM-DC-57842

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): James E. Hundley

Date: November 1953

Planetable contouring by (II):

Date:

Completion Surveys by (II): C.H. DAVIES

Date: 1956 (AUG.)

Mean High Water Location (III) (State date and method of location): 1953 and 1955 dates of photography;
(field inspection on 1953 photos). ~~SEE ITEM 35 COMPILATION REPORT~~

SIMPSON POINT
SECTION OF HALFMOON ISLAND } FIELD EDIT - 1956

Projection and Grids ruled by (IV): A. Riley

Date: 1/28/54

Projection and Grids checked by (IV): A. Riley

Date: 2/2/54

Control plotted by (III): J. J. Schleupner

Date: 3/18/55

Control checked by (III): J. Steinberg

Date: 3/18/55

Radial Plot ~~or Stereoscopic~~

~~Control extension~~ by (III): H. R. Rudolph

Date: 9/9/55

Planimetry
Stereoscopic Instrument compilation (III):
Contours

Date:

Date:

Manuscript delineated by (III): J. Y. Councill

Date: 10/6/55

Photogrammetric Office Review by (III): R. Glaser

Date: 10/28/55

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): USC&GS nine-lens and single lens "W"

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Time			
55-W-4364 - 7	March 10, 1955	1420	1:10,000	1.5' above MLW	
55-W-4440 - 3	"	1500	"	1.2' above MLW	
40491 - 3	5/30/53	1258	"	1.5' above MLW	
40516 - 8	"	1336	"	1.4' above MLW	
42593 - 6	11/26/53	1253	"	1.0' above MLW	
42673 - 4	11/29/53	1054	"	0.5' above MLW	

Tide (III)
from predicted tide tablesReference Station: Hampton Roads, Virginia
Subordinate Station: Watts Island
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	2.5	3.0
0.7	1.7	2.0

Washington Office Review by (IV): S.G. BLANKENBAKER

Date: SEPT. 1960

Final Drafting by (IV): BALTIMORE OFFICE

Date: 1956

Drafting verified for reproduction by (IV): S.G. BLANKENBAKER

Date: SEPT., 1960

Proof Edit by (IV): S.G. BLANKENBAKER

Date: DEC. 1960

Land Area (Sq. Statute Miles) (III): 18.5
Shoreline (More than 200 meters to opposite shore) (III): 25 mi
Shoreline (Less than 200 meters to opposite shore) (III): 31 mi
Control Leveling - Miles (II): none
Number of Triangulation Stations searched for (II): 12
Number of BMs searched for (II): none
Number of Recoverable Photo Stations established (III): 6
Number of Temporary Photo Hydro Stations established (III): none
No. of Topographic Stations searched for: 10Recovered: 9
Recovered:Identified: 9*
Identified:

Recovered: 1

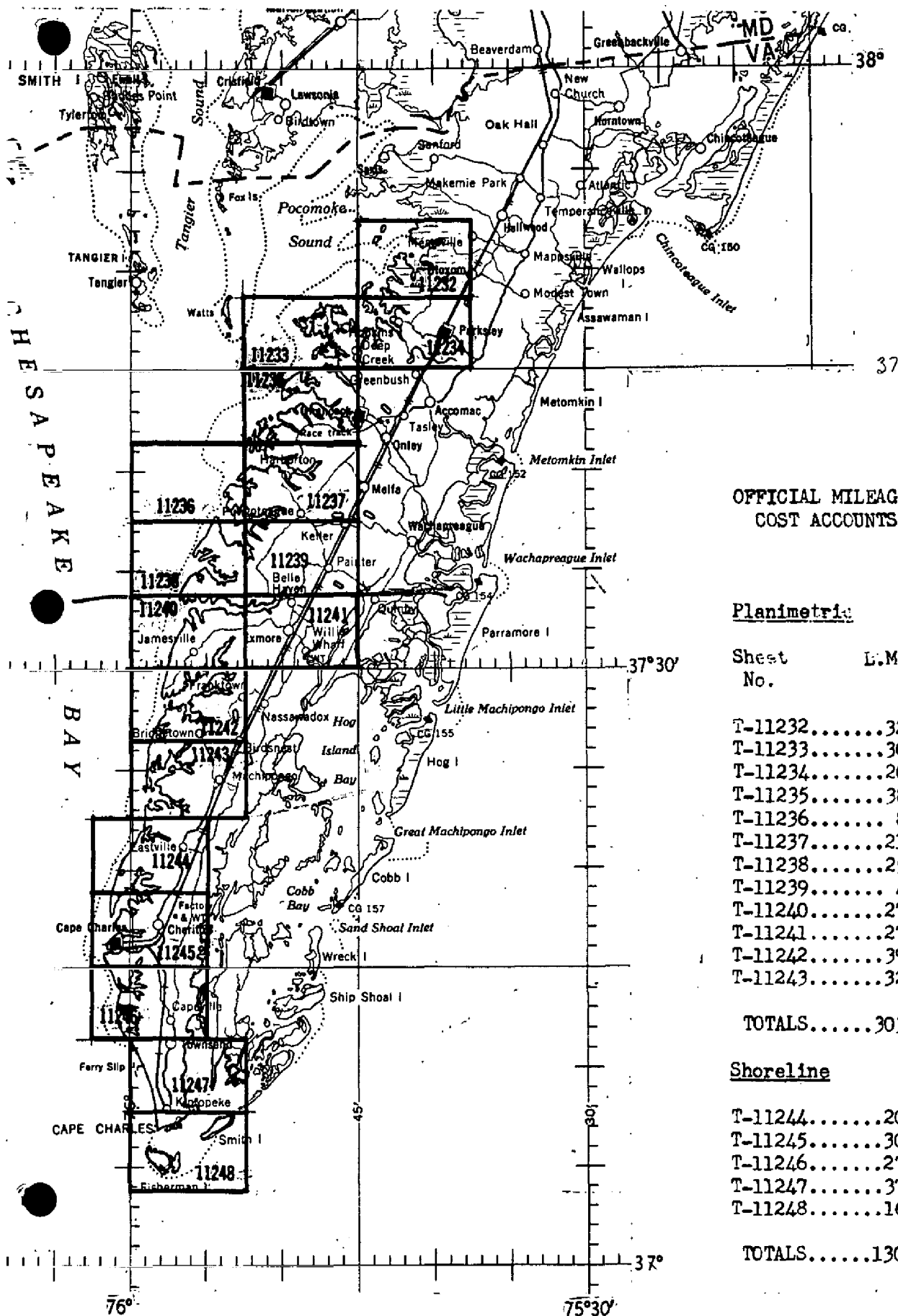
Remarks:

8 triangulations recovered and identified north of project limits.
2 additional stations were established and identified in T-11232; making a total of 8 triangulation stations identified north of project limits, and 3 identified inside T-11232.

PLANIMETRIC and SHORELINE MAPPING PROJECT PH-119

CAPE CHARLES TO POCOMOKE SOUND, VIRGINIA

(5)



OFFICIAL MILEAGE FOR COST ACCOUNTS

Planimetric

Sheet No.	L.M.S.	Sq. Miles
T-11232.....	32.....	18
T-11233.....	30.....	7
T-11234.....	20.....	26
T-11235.....	38.....	17
T-11236.....	8.....	2
T-11237.....	21.....	25
T-11238.....	25.....	9
T-11239.....	4.....	27
T-11240.....	27.....	15
T-11241.....	27.....	26
T-11242.....	39.....	19
T-11243.....	32.....	22

TOTALS.....303....213

Shoreline

T-11244.....	20.....	8
T-11245.....	30.....	5
T-11246.....	27.....	5
T-11247.....	37.....	10
T-11248.....	16.....	4

TOTALS.....130....32

(6)

Summary To Accompany Descriptive Report
T-11232

T-11232 is one of seventeen 1:10,000 scale maps in Project 119. The project covers the eastern shore of the Chesapeake Bay from Beasley Bay southerly to Cape Charles. T-11232 is the northermost map in the project.

The Project is subdivided into two sections. Section "A" comprised of planimetric surveys 11232 to 11243 covers the northern part of the project. Section "B" is comprised of shoreline surveys 11244 to 11248.

The principal purpose of the project was to provide shoreline and control for hydrographic surveys. In addition, contour revisions were required in Section "A" for the purpose of revising Bureau War Mapping Quadrangles. Contours on the quadrangles in the area covered by Section "A" were checked during field inspection. Several changes were indicated by the field inspector on the Parksley quadrangle (T-8166). The changes were minor and were not applied to T-8166. No additional changes in contours were found that warranted changing the original contours in the revision area. (Section "A")

Radial plotting and ^{graphic} compilation were accomplished in the Baltimore Office. An advance copy of T-11232 was furnished the hydrographic survey party prior to sounding. T-11232 was field edited in 1956. Field edit corrections were applied to the manuscript in the Baltimore Office.

Items registered under T-11232 will include a Descriptive Report and a positive impression on cronar of the scribed copy of the manuscript.

FIELD INSPECTION REPORT

Project Ph-119 (Va.)

Section "A"

Quadrangles 11,232 - 11,233 - 11,234 - 11,235

The field work in these quadrangles was accomplished in compliance with Washington office Instruction, for the project, dated 2 July 1953.

All phases of field work was done by James E. Hundley, during the period July 1, 1953 - December 9, 1953.

2. AREAL FIELD INSPECTION

These quadrangles lie in the northern portion of Accomack County and east of Pocomoke Sound.

There are several small unincorporated villages, one incorporated town Parksley, Va., and parts of two other incorporated towns, Bloxom and Onancock, Va., that lie within these areas.

These areas are adequately served with primary and secondary roads.

The Pennsylvania Railroad runs through the extreme southeast corner of 11,232 and the eastern portion of 11,234, serving the town of Bloxom and Parksley.

Pocomoke Sound bounds these areas on the west.

There are five large creeks leading in an easterly direction, generally, from Pocomoke Sound: i.e., Guilford, Hunting, Deep, Chesconessex and Onancock Creeks.

The shoreline along the creeks and Pocomoke Sound is very irregular, consisting mainly of marshland and is subject to extensive erosion.

The land area is about 40% cultivated, 40% woodland and 20% marshland.

Elevations range from 00 ft. to 43 ft. The highest land lies near the eastern limits of these areas.

Farming is the major industry, fishing and crabbing being secondary.

The quality of the photographs is good. Some field inspection in 11,232 and 11,234 was done on an old T-sheet, T-8166 - due to not having photograph coverage of this area.

It is believed that sufficient field inspection notes have been shown on the photographs to aid the compiler in interpretation of the various tones.

3. HORIZONTAL CONTROL

In addition, to the previously established horizontal control, eight triangulation stations of 3rd order accuracy (3 monumented and 5 intersection), four monumented Traverse stations and 9 non-monumented (P. PT's) Traverse stations were established in these areas.

a. BERNARD, 1953	-T 11,232	Monumented
HUNTING CREEK LT., 4, 1953	-T 11,232	Intersection
BEACH ISLAND SHOAL LT., 1953	-T 11,233	Intersection
BEACH-2, 1953	-T 11,233	Monumented
CHIMNEY, 1953	-T 11,233	Intersection
POINT 2, 1953	-T 11,235	Monumented
ONANCOCK CREEK LT., 1953	-T 11,235	Intersection
TOWER, 1953	-T 11,235	Intersection

Six of the above triangulation stations were identified on the photographs: i.e., Bernard, 1953, Hunting Creek Lt. 4, 1953, Beach 2, 1953, Point 2, 1953, Onancock Creek Lt., 1953, and Tower, 1953. Form 28B (Geographic Positions) is submitted.

A traverse, of 3rd order accuracy, was run from LEEMONT, 1932 to EVANS, 1942. Four monumented stations and nine non-monumented (P.PT's) stations were established along this line, also identified on the photographs. They are as follows:

GRIFFIN, 1953; RAYFIELD, 1953; HALE, 1953; CROSSROADS, 1953: P.PT's 1 thru 9. Forms 709 (Plane Coordinates) and 738 are submitted.

b. None.

c. None.

d. None.

e. All previously existing stations were searched for and reported on Form 526.

GLENN'S OYSTER HOUSE, 1904	-T 11,232 - North of
HALL'S STORE WINDMILL, 1904	-T 11,232 - North of
STARLING, 1904	-T 11,232 - North of
OLD HOUSE, SOUTH CHIMNEY, 1904	-T 11,233
POINT, 1914	-T 11,235
BIG, 1914	-T 11,235

4. VERTICAL CONTROL

The following bench marks were searched for and recovered.

1. TIDAL BENCH MARK 1, 1914 - U.S.C. & G. S. - 3rd (?)
2. TIDAL BENCH MARK 3, 1914 - " " " " "

No additional vertical control was established.

5. CONTOURS AND DRAINAGE

Project instructions required contour revision of the 1942 survey, if any large areas had undergone changes since that time. No large, or small areas were found in conflict with present day topography. A few minor changes were made in the contours in 11,234, these corrections are shown on sheet T-8166.

All drainage runs westerwardly or northwesterly into the creeks that empty into Pocomoke Sound (NOTE TO COMPILER: There are no major drainage ditches in these areas; only narrow feeder ditches into the heads of natural streams.)

6. WOODLAND COVER

The major portion of the woodland cover consists of pine trees. Some notes on the photographs indicate water bushes, but, do not show these as "Scrub" as they are growing in marshland. They were noted only to distinguish the tone, as the tone is similar to trees.

It is believed that a sufficient amount of notes appear on the photographs to aid in interpretation of the woodland cover.

7. SHORELINE AND ALONGSHORE FEATURES

The major portion of all shoreline, that lies within these areas, is apparent. All shoreline has been indicated on the photographs in its respective category.

(a) The mean high-water line has been shown, where it is evident, on the photographs. This line was placed on the photographs by visual inspection.

(b) No attempt was made to indicate the low-water line.

(c) Some areas of the foreshore have been indicated on the photographs. (NOTE: These areas are distinct on the photographs.)

(d) Not applicable.

(e) All existing docks, wharves, piers and landing have been indicated on the photographs.

(f) There are no submarine cables in these areas.

(g) None.

8. OFFSHORE FEATURES

The only offshore features appearing in these areas are duck blinds, and a few crab houses. The crab houses have been indicated on the photographs, but, the duck blinds were not located or indicated, due to the fact that they are subject to removal from year to year and since they are constructed in shallow water they are neither an aid or obstruction to navigation.

9. LANDMARKS AND AIDS

(a) Four prominent structures have been listed on Form 567 as Landmarks for Nautical Charts.

(b) No interior landmarks recommended.

(c) TOWER, 1953 (Radio Tower, 300 ft. high) is recommended as an Aeronautical Aid.

(d) Twenty-three fixed aids to navigation were located and listed on Form 567. Three of these aids (lights) were located by 3rd order triangulation methods, the remaining twenty aids (Day beacons) were located by theodolite cuts from Topographic Station and picture points.

Some of the theodolite cuts to beacons 11, 12, 12A, 14, and 16 are doubtful due to the fact that from one of the instrument stations (P. Pt. 4) it was impossible to detect the numbers of the beacons, therefore it is possible that the cuts are numbered erroneously.

Hunting Creek Light 4, 1953 has been indicated, but not pricked on photograph 40518 and noted doubtful on Form M-2226-12. Onancock Creek Light, 1953 has also been indicated, but not pricked, on photograph 40336 and noted doubtful on Form M-2226-12. Beach Island Shoal Light, 1953 was erected in October, 1953, to replace Beach Island Shoal Light - that was destroyed in August 1953.

(e) No attempt was made to locate floating aids to navigation.

10. BOUNDARIES, MONUMENTS AND LINES

A check was made, information from local officials, of all existing civil boundaries in these areas. It was confirmed that no changes had been made in any civil boundaries, since date of last survey, 1942, except the Towns of Parksley and Bloxom, Va.

A copy of the legal descriptions of the boundaries of the incorporated Town of Bloxom, Va. (T-11232), Parksley, Va. (T-11234), and Onancock, Va. (T-11235) are submitted.

Town of Bloxom, Va. - That portion of Bloxom, Va. lying within T-11232 has been shown on sheet T-8166.

Town of Parksley, Va. - The entire boundary of this area has been shown on sheet T-8166, for T-11234.

Town of Onancock, Va. - The entire boundary of this area has been shown on photograph 40487 for T-11235.

11. OTHER CONTROL

T-11232

Nine previously established recoverable topographic stations were searched for, in this area. One was recovered. Five additional recoverable topographic stations were established. One photo-hydro station was searched for but not recovered.

BURNT, 1942; BOOT, 1953; COLD, 1953; COVE, 1953; MOON, 1953 and TREE, 1953.

11. OTHER CONTROL (cont'd)

T-11,233

Ten previously established recoverable topographic stations were searched for in this area, seven were recovered. One additional recoverable topographic station was established. One Photo-hydro station was recovered, and one additional identified.

Topo Stations

BAY, 1942
BEACH, 1942
BEN, 1942
BOAT, 1942

CAMP, 1953
CRAB, 1942

POINT, 1942

TOBACCO, 1942

Photo-Hydro Stations

CHESSE, 1942 - Photo. 40,521
CHIMNEY, 1953 - Photo. 40,583

TOPO →

T-11,234

Four previously established recoverable topographic stations were searched for in this area, two were recovered. One additional recoverable topographic station was established. Five photo-hydro stations were searched for, three recovered, two additional identified.

Topo Stations

ANN, (1942) 1953
COW, 1942 (Destroyed - F.E. 1954)
DONE, 1953
REW (1942) 1953
HEARN (1942) 1953

Photo-Hydro Stations

(TOPO) HEARN, 1942 - Photo. 40,520
(TOPO) HUNT, 1942 - " 40,490
N.W. GABLE " 40,490
N.W. CORNER "L" PIER - Photo. 40,490
(TOPO) REW, 1942 - Photo. 40,520

T-11,235

Ten previously established recoverable topographic stations were searched for in this area. Four were recovered. Five additional recoverable topographic stations were established. Five photo-hydro stations have been identified.

Topo Stations

CLAM, 1953
DOCK, 1942
FAIR, 1953
FINNEY, 1942
GALEA, 1953
JUT, 1942
POND, 1953
RILL, 1942
WIND, 1953

Photo-Hydro Stations

CHIMNEY, 1953 - Photo. 40,584
PIER, 1953 - Photo. 40,522
SPIRE, 1953 - " "
N. GABLE, 1953 - " "
BOAT, 1953 - " "

12. OTHER INTERIOR FEATURES

All roads have been classified, in accordance with paragraph 5441 of the Topographic Manual, and noted on the photographs. All primary and secondary roads in these areas have established (by Va. Highway Dept.) route numbers. These have also been noted on the photographs.

All buildings have been noted on either the photographs or on sheet T-8166. All class 2 buildings have been indicated as such. All other buildings are class 1.

The only bridges in these areas over navigable streams are the two wooden fixed bridges at Onancock, Va., (T-11,235) and they are of skiff clearance only.

The only cables over navigable waters are at the westernmost bridge at Onancock, Va. Clearance was not taken due to fact bridge limits its navigation.

A cross-country power line is shown on the photographs and sheet T-8166.

There are no airports or landing fields in these areas.

13. GEOGRAPHIC NAMES

An extensive check was made on the accuracy of geographic names in these areas, using U.S.E., Parksley Quadrangle, U.S.E. Chesconessex Quadrangle and U.S.E. Pungoteague Quadrangle as base maps. Names appearing on these quadrangle sheets were in excellent agreement with present day local usage and are recommended for mapping with the following exceptions:

1. PARKSLEY Quadrangle, U.S.E.

Add: "METHODIST" to GUILFORD CHURCH
"METHODIST" to ST. THOMAS CHURCH
"BAPTIST" to CALVARY CHURCH

Add: CHASE SIDING

Delete: MASON MILL, HIGH WOODS, PARKSLEY AIRPORT, STEAMBOAT WHARF,
THE OAKS, SHIPYARD LANDING, BLACKSTONE CROSSING.

Change location of Parker Landing as indicated on the photograph and Parksley Quadrangle.

2. CHESCONESSEX Quadrangle, U.S.E.

Add: "METHODIST" to LEATHERBURY CHURCH
CRYSTAL BEACH

3. PUNGOTEAGUE Quadrangle, U.S.E.

Add: SOUTH CHESCONESSEX, PROSPECT HEIGHTS
EAST POINT
PROSPECT NECK

Delete: CASHVILLE SCHOOL and THE SANDHILL and SLUITKILL NECK.

13. GEOGRAPHIC NAMES (cont'd)

The preceding U. S. E. Quadrangles, contain all information listed, and are being submitted.

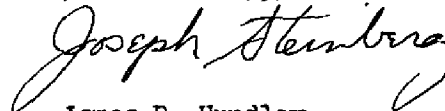
14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

1. Coast Pilot Report (T-8166)
2. PONGOTEAGUE Quadrangle, U.S.E. - Scale 1:31,680
3. CHESCONESSEX Quadrangle, U.S.E. - Scale 1:31,680
4. PARKSLEY " " " "
5. ACCOMACK COUNTY ROAD MAP
6. PARKSLEY Quadrangle, U.S.E. - T-8166) - Scale 1:20,000

Approved and forwarded

E. H. Kirsch,
Comdr. U.S.C. & G. S.
Officer in Charge
Balto. Photo. Office

Respectfully submitted:
9 December 1953



James E. Hundley
Cartographer

PHOTOGRAMMETRIC PLOT REPORT
Project 6119
Surveys Nos. T-11232 thru T-11237

21. AREA COVERED

This photogrammetric plot covers the areas of planimetric surveys Nos. T-11232 thru T-11237. These surveys are located along the eastern shore of Chesapeake Bay between Nandua Creek and Guilford Creek.

22. METHOD - RADIAL PLOT

Map Manuscripts:

Vinylite sheets with polyconic projections in black and Virginia, South, State Grids in red, at a scale of 1:10,000 were furnished by the Washington Office. Base sheets were prepared in this office.

All control stations and substitute stations were plotted using the meter bar and beam compass.

A sketch, showing the layout of surveys in this plot and the distribution of control and photograph centers, is attached to this report. A list of control station names is also attached to this report.

Photographs:

All photographs used in this plot are nine-lens unmounted prints at a scale of 1:10,000. Fifty-four (54) photographs were used in the plot, numbered as follows:

40331 thru 40338
40483 thru 40494
40515 thru 40526
40528
40581 thru 40588
42590 thru 42596
42670 thru 42675

Photograph number 40527 was available but was not used because its center is very close to the center of photograph number 40526 and there was sufficient overlap of photographs numbered 40326 and 40328.

Templets:

Vinylite templets were made for all photographs. The master templet was used to correct errors due to film and paper distortion and chamber displacement.

Closure and Adjustment of Control:

Vinylite base sheets were prepared in this office.

All identified control was transferred to the base sheets by matching common grid lines.

22. METHOD - RADIAL PLOT (cont'd)

Closure and Adjustment of Control: (cont'd)

In addition to the control contained within these surveys, some control contained in Survey numbered T-11239 was also transferred to the base sheets to form a tie-in with the plot to the south which will be constructed at a later date.

The radial plot was constructed on the base sheets. The templets for photographs numbered 40494 and 40515 were laid first - followed by 40493 and 40516. The plot was continued southward to the south end of the plot using the templets in these two flights. The templets for 42590 thru 42596 were then added - followed by the most easterly flight. The two westerly flights were added last. A satisfactory plot was constructed. Only two control stations, LE-23, 1953 and ONLEY BAPTIST CHURCH SPIRE, USGS, 1930 could not be held in the radial plot. See item 23, ADEQUACY OF CONTROL, for a discussion of these stations.

Transfer of Points:

The positions of all pass points and photograph centers were pricked directly on the map manuscripts by superimposing the manuscripts on the completed plot and matching common grid lines.

23. ADEQUACY OF CONTROL

Additional control in the central and southeast portions of survey T-11232, and in survey T-11237 would have aided considerably in the construction of this plot. However, this plot is considered to be within the limits of accuracy.

As previously stated, two control stations could not be held in the plot.

LE-23, 1953 - The radially plotted position of the station falls 11.7 mm southeast of its computed position. The field party states that control station LE-23, 1953 and picture point No. 6 are identical. All of the other control points established on this traverse line were held in the plot and the computed position of LE-23, 1953 falls in an open field. It is believed that picture point No. 6 is actually a substitute station for LE-23, 1953 and that picture point No. 6 was identified correctly but no field data was furnished to compute its position. There was sufficient other control so that it was not needed for the plot.

ONLEY BAPTIST CHURCH SPIRE, USGS, 1930 - The radially plotted position of the station falls approximately 1.4 mm west southwest of its geographic position. The geographic position for this station was taken from USGS, Traverse, Accomac County. This station is not shown on triangulation Diagram dated November 1949 on chart 1221. The position as listed by USGS may be based on NA Datum. This station is outside of the limits of this project.

24. SUPPLEMENTAL DATA

No supplemental data was used. All of the old recoverable topographic and hydrographic signals that were identified were located by the radial plot.

25. PHOTOGRAPHY

The overlap in line of flight and between flights was very good. Photographic coverage was adequate.

Photograph number 40333 is considerably tilted. However, no tilt determination was made - as all of the other templates were laid first and by using the center as located by flightline intersections this template was adjusted last.

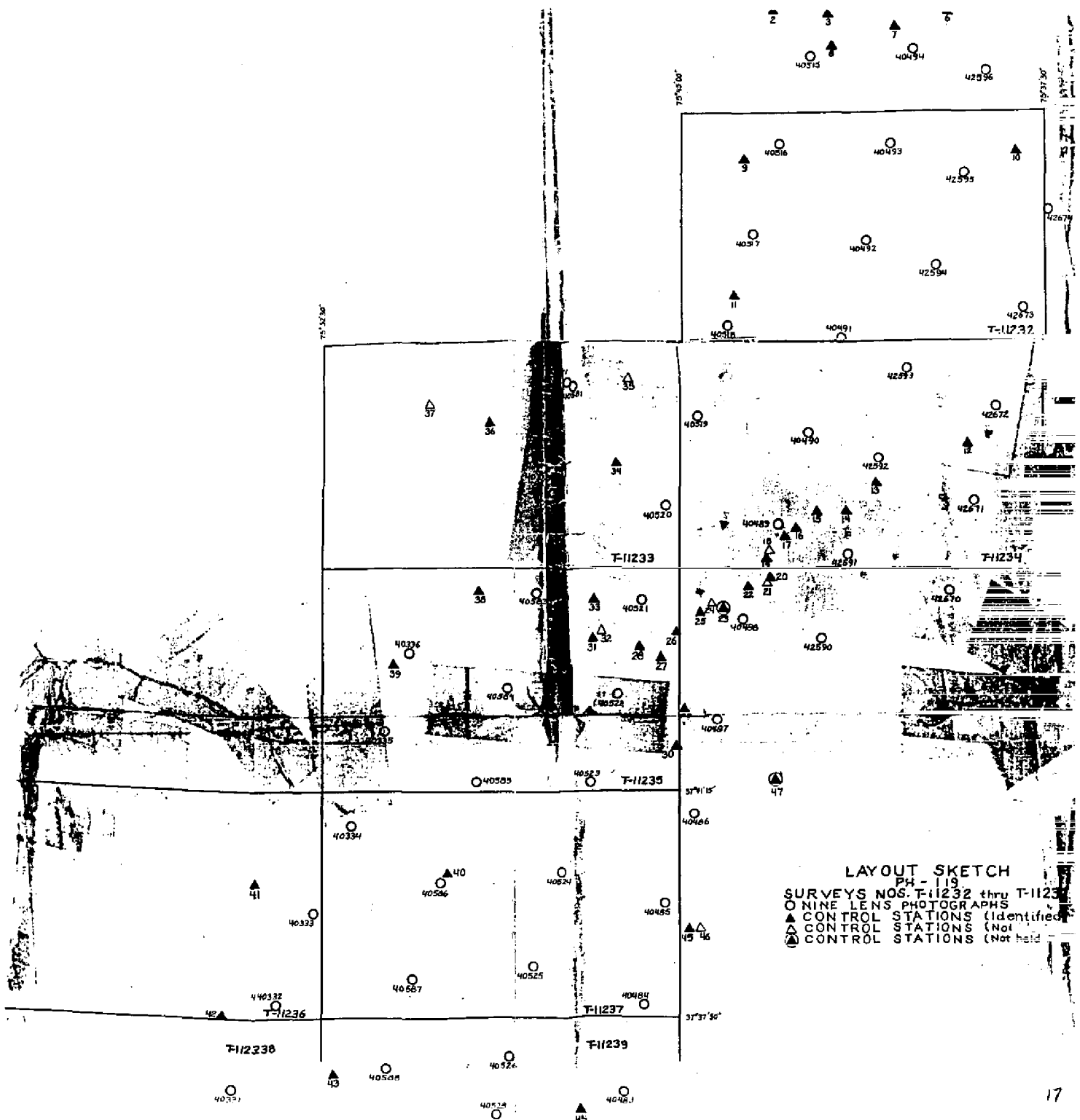
Respectfully submitted
9 September 1955

Harry R. Rudolph

Harry R. Rudolph
Carto. Photo. Aid

LIST OF CONTROL

No.	NAME OF STATION	Identification
1.	SAXIS CHURCH SPIRE, 1942	Direct
2.	BACK (VFC), 1936	Sub. Pt.
3.	NORTH POINT (VFC), 1936	Sub. Pt.
4.	HAMMOCK (VFC), 1936	Sub. Pt.
5.	DEEP HOLE (VFC), 1936	Sub. Pt.
6.	TIM (VFC), 1936	Sub. Pt.
7.	WIDOW (VFC), 1936	Sub. Pt.
8.	SOUTH POINT (VFC), 1936	Sub. Pt.
9.	BERNARD, 1953	Sub. Pt.
10.	WESSELS, 1942	Sub. Pt.
11.	HUNTING CREEK LIGHT NO. 4, 1953.	Direct
12.	PARKSLEY TANK, 1942	Direct (office)
13.	LEE MONT, 1932	Sub. Pt.
14.	LE-04, 1953 (P. PT. NO. 1)	Direct
15.	P. POINT NO. 2, 1953	Direct
16.	GRIFFIN, 1953	Direct
17.	RAYFIELD, 1953	Direct
18.	LE-13, 1953	None
19.	P. POINT NO. 3, 1953	Direct
20.	P. POINT NO. 4, 1953	Direct
21.	LE-17, 1953	None
22.	P. POINT NO. 5, 1953	Direct
23.	LE-23, 1953 (P. POINT NO. 6)	Direct
24.	LE-25, 1953	None
25.	P. POINT NO. 7, 1953	Direct
26.	HALE, 1953	Direct
27.	CROSSROADS, 1953	Sub. Pt.
28.	P. POINT NO. 8, 1953	Direct
29.	ONANCOCK SOUTHERN METHODIST CH. SP., 1942	Direct
30.	TOWER, 1953	Direct
31.	LE-35, 1953 (P. POINT NO. 9)	Direct
32.	LE-34, 1953	None
33.	EVANS, 1942	Sub. Pt.
34.	CAMP, 1942	Sub. Pt.
35.	CHIMNEY, 1953	None
36.	BEACH 2, 1953	Direct
37.	BEACH ISLAND SHOAL LIGHT, 1953	None
38.	POINT 2, 1953	Sub. Pt.
39.	ONANCOCK CREEK LIGHT, 1953	Direct
40.	HARBORTON RM NO. 2, 1932	Sub. Pt.
41.	PUNCOOTEAGUE CREEK BEACON, 1911	Direct
42.	NAN, 1914 RM	Sub. Pt.
43.	MASON, 1942	Sub. Pt.
44.	PAINTER, 1942	Sub. Pt.
45.	MELFA, 1942	Sub. Pt.
46.	T T STATION NO. 23 (USGS) 1942	None
47.	ONLEY BAPTIST CHURCH SPIRE, USGS, 1930	Direct



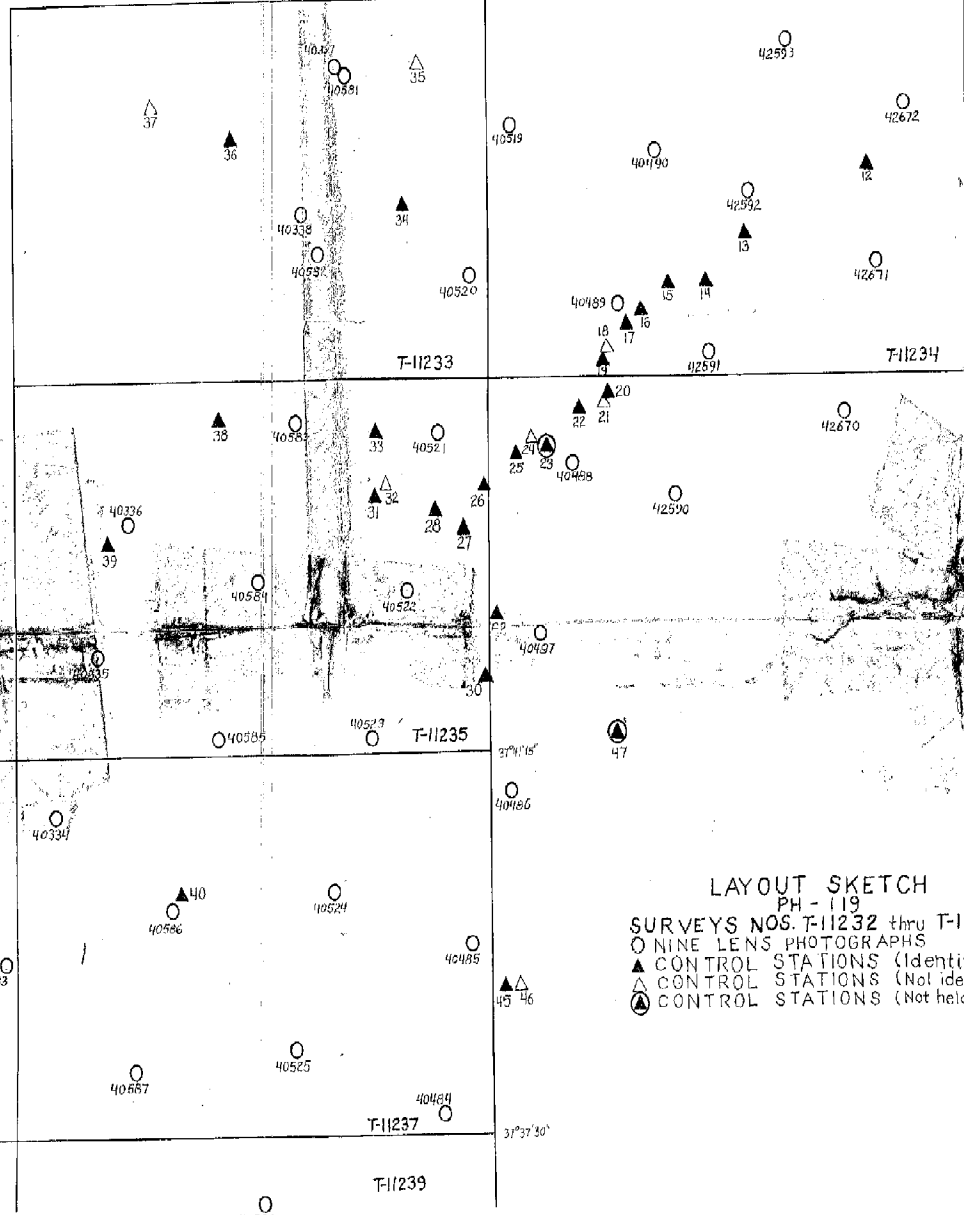
File Copy

81

75° 52' 30"

75° 15' 00"

75° 37' 30"



LAYOUT SKETCH

PH - 119

SURVEYS NOS. T-11232 thru T-11237

○ NINE LENS PHOTOGRAPHS

▲ CONTROL STATIONS (Identified)

△ CONTROL STATIONS (Not identified)

⊙ CONTROL STATIONS (Not held in place)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T 11232

PROJECT NO. 6119

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR λ -COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
			°	'	FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
WESSELS, 1942	G-5462 p. 486	N.A. 1927	37	51	43.545			1342.5	(507.3)		
			75	38	08.333			203.7	(1263.0)		
Sub. Point WESSELS, 1942		"	37	51				1341.4	(508.4)		
			75	38				220.8	(1245.9)		
BACK (V.F.C.), 1936	p. 513	"	37	54	06.229			192.0	(1657.8)		
			75	43	08.435			206.1	(1259.8)		
Sub. Point BACK (V.F.C.), 1936		"	37	54				165.3	(1684.5)		
			75	43				220.6	(1245.3)		
NORTH POINT (V.F.C.), 1936	p. 514	"	37	54	01.545			47.6	(1802.2)		
			75	41	58.044			1418.1	(47.8)		
Sub. Point NORTH POINT (V.F.C.) 1936		"	37	54				96.4	(1753.4)		
			75	41				1399.9	(66.0)		
SOUTH POINT (V.F.C.) 1936	p. 513	"	37	53	31.350			966.6	(883.3)		
			75	41	54.760			1338.0	(128.0)		
Sub. Point SOUTH POINT (V.F.C.) 1936		"	37	53				1015.4	(834.5)		
			75	41				1273.0	(193.0)		
HAMMOCK (V.F.C.) 1936	p. 514	"	37	54	13.202			407.0	(1442.8)		
			75	41	00.803			19.6	(1446.2)		
Sub. Point HAMMOCK (V.F.C.) 1936		"	37	54				489.6	(1360.2)		
			75	41				98.0	(1367.8)		
WIDOW (V.F.C.) 1936	p. 514	"	37	53	46.542			1434.9	(414.9)		
			75	40	38.562			942.2	(523.8)		
Sub. Point WIDOW (V.F.C.), 1936		"	37	53				1410.3	(439.5)		
			75	40				904.6	(561.4)		

1 FT. = 3048006 METER

COMPUTED BY: J. Steinberg

DATE April 14, 1954

CHECKED BY: H. R. Rudolph

DATE February 24, 1955

RIGHT NO. 4, 1953

98

37

37	49	28.486
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— 100 —

10

DATE February 24, 1955

COMPILATION REPORT

T-11232

31. DELINEATION

This manuscript was delineated by graphic methods in accordance with method (1) of the general instructions dated 11 January 1956. The nine-lens photographs were used. When the single lens photographs became available, appropriate changes were made where necessary.

32. CONTROL

Refer to Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

The A.M.S. Parksley quadrangle, as annotated by the field party, was used for geographic names.

The Virginia highway map, Accomack County, was used for primary highways and numbers.

34. CONTOURS AND DRAINAGE

Contours: Inapplicable.

Drainage: In accordance with present practice, several ditches were delineated which were considered minor by the field party (paragraph 5, field report).

35. SHORELINE AND ALONGSHORE DETAILS

The quality of the shoreline inspection was limited by poor definition of the nine-lens photography. The quality of the single lens photographs was better than that of the nine-lens field photographs and office interpretation of the shoreline resulted in slight deviations from the field inspection at several places. See paragraph 31.

Where narrow strips of sand on the edge of marsh appeared to be inconsequential from the standpoint of the navigator and too narrow to show without exaggeration, they were omitted.

The low water lines and shallow lines were delineated by office interpretation.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Form 567 has been submitted for Hunting Creek Light 4.

38. CONTROL FOR FUTURE SURVEYS

No photo-hydro stations were located in this area.

Forms 524 are being submitted for six recoverable topographic stations established, one recovered, and nine lost. See paragraph 49. In the field report, paragraph 11, one old station is treated as a photo-hydro station and WESSELS AZ MK (1942) 1953 is not listed.

It was noted that the position of BURNT (1942) 1953, as located on this manuscript differed from the 1942 position by 16 meters in latitude. This station is a reference mark for station BERNARD, 1953 and the position computed from data in the description of the latter verifies the manuscript position.

39. JUNCTIONS

Junction has been made with survey T-11234 to the south. To the west is an all water area. There are no contemporary surveys to the north and east.

Junctions with Bureau survey T-8160 (1942) scale 1:20,000 (published as the A.M.S. Saxis quadrangle) to the north and survey T-8167 (1942) scale 1:20,000 (published as the A.M.S. Mappsville quadrangle) to the east, are considered to be fair. For the reasons stated in paragraph 46, this manuscript was compiled beyond the neat lines in accordance with paragraph 5414 of the Topographic Manual.

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to the Photogrammetric Plot Report.

41 - 45

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with the A.M.S. Parksley quadrangle, scale 1:25,000, edition of 1949, which was based on Bureau survey T-8166 (1942) scale 1:20,000.

Differences in position of details (see also paragraph 38) were noted over the area of this manuscript, which may be due to the better quality of present photography and the larger scale of the manuscript and photography. The shoreline being subject to extensive erosion (paragraph 2, field report) may account for some of the discrepancies.

SEE REVIEW REPORT ITEMS G2 & G7

The previous survey will be superseded by this survey after completion of field edit.

47. COMPARISON WITH NAUTICAL CHARTS

Chart 568, scale 1:40,000, published August 1954, corrected to 7/23/55.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
6 October 1955

Judson Y. Council
Judson Y. Council
Carto. Photo. Aid

Approved and forwarded

E. H. Kirsch
E. H. Kirsch,
Capt. C&GS
Baltimore District Officer

Field Edit Report
T-11232, Project 25050
E. H. Kirsch, Chief of Party

51. Methods.- This planimetric map was field edited by riding over all roads to check their classifications, to classify buildings and to examine areas questioned by the compiler. The shoreline was checked by skiff.

All additions, corrections and deletions were made either on the field edit sheet or discrepancy print and cross referenced to the photographs. The road classifications are shown by various colors; a legend of the color scheme used is shown on the field edit sheet.

Field edit information is shown on nine-lens office photographs 42673, 42674 and single-lens ratio photographs 55-W-4365, 4367, 4441, and 4442. These photographs should be considered part of the field photography for this project.

52. Adequacy of compilation.- There is complete evidence that the Bloxom town limits follow the legal description, but only one boundary marker was recovered (see photograph 42673).

Number one buildings, with no access roads, are houses which are unoccupied and the fields surrounding them are in cultivation. These houses are used by tenant farmers and occupancy varies from year to year.

53. Map Accuracy.- No horizontal or vertical accuracy test was made on this map.

54. Recommendations.- None

55. Examination of proof copy.- Several fishermen examined a field edit copy of T-11232. There are no additions or changes in the geographic names.

Respectfully submitted.

Charles H. Davies

Charles H. Davies

Approved and Forwarded:

E. H. Kirsch

E. H. Kirsch, CAPTAIN, O&GS
Chief of Party

10-28-55

Form T-2

(25)

PHOTOGRAMMETRIC OFFICE REVIEW

T- 11232

1. Projection and grids ☒ 2. Title ☒ 3. Manuscript numbers ☒ 4. Manuscript size ☒5a. Classification label ☒

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy ☒ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) ☒ 7. ~~Photo hydro stations~~ ☒ 8. Bench marks ☒
9. ~~Plotting of sextant fixes~~ ☒ 10. Photogrammetric plot report ☒ 11. Detail points ☒

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines ☒ 32. Public land lines ☒

MISCELLANEOUS

33. Geographic names ☒ 34. Junctions ☒ 35. Legibility of the manuscript ☒ 36. Discrepancy overlay ☒ 37. Descriptive Report ☒ 38. Field inspection photographs ☒ 39. Forms ☒40. R. J. Glaser
ReviewerJoseph Stenberg
Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

BALTIMORE OFFICE
F. M. WISIECKI
CompilerF. TARCZA
Supervisor43. Remarks: NAUTICAL AIDS HAVE BEEN ESTABLISHED IN GULLFORD CREEK AND MUDDY CREEK 1957

M-2623-12

28

REVIEW REPORT
PLANIMETRIC SURVEY T-11232
September, 1960

62. Comparison with Registered Topographic Surveys:

529	1:20,000	1851
2647	1:20,000	1904
8166	1:20,000	1942

T-11232 supersedes the prior bureau surveys for nautical charting purposes. T-8166 and T-11232 are in overall agreement in horizontal position. There are some local area differences in position of details. There are differences of approximately 2.0 m.m. between the maps in the horizontal positions of Halfmoon and Lower Bernard Islands. Field identified triangulation station Bernard, 1953 (check station) controlled the position of Lower Bernard Island on T-11232. The position of the island is approximately the same on T-11232 and T-2647 (1904 survey). The radial plot is controlled on Halfmoon Island by a nearby field identified triangulation station (Hunting Creek Light No. 4, 1953 - Check station). The position of the island is approximately the same on T-11232 and T-2647 (1904 survey). The plotted geographic positions of the triangulation stations were used with photo-hydro points located by the radial plot for T-11232 in sounding the area. ^{controlled} Sounding lines were run close to shore with no difficulty, thus eliminating the possibility of mis-identification ^{in plotting} of control used in the plot for T-11232. The only apparent possibility of 2.0 m.m. errors in the positions of the islands on T-11232 is contingent upon errors in the ^{field determined} positions of the triangulation stations.

63. Comparison with Maps of Other Agencies:

Parksley, Va. (AMS) 1:25,000 1942

The Parksley Quadrangle was produced by the Coast and Geodetic Survey for the War Department. PH-119 instructions required contour corrections in addition to planimetric field inspection requirements to provide for revision of the topographic map. The field inspector found no

- 2 -

evidence of change in topography affecting contours. T-11232 supersedes the quadrangle in the common area (north of Lat. $37^{\circ}48'45''$). T-8166 is the number of the Coast and Geodetic Survey vault copy of the survey. A more detailed comparison was made with T-8166, in the preceding section of this report.

And discussed

64. Comparison with Contemporary Hydrographic Surveys:

H-8347	1:10,000	1956
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T-11232 was compared with the un-verified smooth sheet. The sources of the shoreline on the smooth sheet are advance manuscripts T-11232, T-11233 and T-11234. A page was inserted in the Hydrographic Survey Report listing final review and field edit shoreline corrections.

Fixes plotting outside the High Water Line in guts are mentioned in the Hydrographic Survey Report. In some instances in the area of the hydrographic survey common to T-11232 a few soundings were plotted beyond the end of topographic survey double line stream representation. Apparently the discrepancies were considered minor. The shoreline from T-11232 was accepted and inked on the smooth sheet.

The final shoreline on T-11232 was compared with the hydrographic survey. There are no conflicts between shoreline and soundings except for the disagreements mentioned in the preceding paragraph.

65. Comparison with Nautical Charts:

78	1:200,000	1959 (revised 9/26/60)
568	1:40,000	1954 (revised 7/1/60)

The position of Hunting Creek Light No. 4 was corrected on Chart 568 (1953 triangulation position established by the photogrammetric field party). No additional data from the topographic survey was applied to the revised chart. Cultural changes effecting the chart are few. There are numerous small piers located by the topographic survey that are not shown on the Nautical Chart. The errors (approximately 50 feet) in the positions of Lower Bernard and Halfmoon Islands discussed in item 62 of this report are the largest shoreline changes.

- 3 -

66. Adequacy of Results and Future Surveys:

This map complies with National Standards of Map Accuracy and Bureau requirements.

67. Junctions:

Junctions to the north and to the east with 1942 Bureau surveys are mentioned in Item No. 39 of the Compilation Report and considered "fair". The junctions were checked during final review. The accuracy of junction of details varies considerably. Local area compilation errors on the prior surveys are probably the cause of some of the differences in detail, due to the fact that overall the surveys agree in horizontal position of details. No compilation errors were found on T-11232 in areas of disagreement. Additional factors which may cause the differences are mentioned in Item No. 46 of the Compilation Report.

Reviewed by:

S. G. Blankenbaker
S. G. Blankenbaker

Approved by:

H. C. Lande
Chief, Review & Drafting Sec.
Photogrammetry Division

J. E. Waugh
Chief, Nautical Chart
Chart Division 10/5/61

L. F. Woodcock
Asst. Chief, Photogrammetry Div.

J. P. Bowie
Chief, Coastal Surveys

GEOGRAPHIC NAMES LIST

Accomack County
Annis Point

Bagwell Cove
Bailey Ridge
Beasley Bay
*Bernard Flats
*Bernard Islands
Bethel Branch
Bloxom
Brewer Gut
Bridge Gut
Byrds Marsh

Cals Hammock
Cattail Channel
Cattail Creek
Cedar Cove
Cedar Cove Gut
Cedar Island
Clam

*Ebb Point

*Flood Point
*France Creek

Graven Point
Great Gut
Guard Shore
*Guilford
*Guilford Church Branch
*Guilford Creek
*Guilford Flats

Halfmoon Island
Halfmoon Point

Island Field Cove

Jacks Island
Justis Gut
*Jobes Island

Little Back Creek
Lower Bernard Island

Mearsville
Marks Island
Mill Branch
Muddy Creek

GEOGRAPHIC NAME LIST (cont)

Old Cove
Old Tree Island

Peters Hammock
Peters Point
Peters Point
Peters Tump
Pettigrew Bend
Pocomoke Sound
Poulson
Poulson Point

Rock Gut

Sandy Point
Simpson Bend
Simpson Point

The Ridge
The Thorofare

Upper Bernard Island

Winterville

Young Creek

*Zare Point

* B.G.N. Decision

George M. Bree
GEOGRAPHIC NAMES SECTION
14 SEPTEMBER 1960

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TO BE CHARTED
TQ/PB/PEN/VED

STRIKE OUT ONE

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Exmore, Virginia

Nov. 17

1953

I recommend that the following objects which have *(4464/461)* been inspected from seaward to determine their value as landmarks be charted on *(4464/461)* the charts indicated.

The positions given have been checked after listing by James E. Hurdley

E. H. Kirsch

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. 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.

CORPORATE LIMITS

OF

TOWN OF BLOXOM, VIRGINIA

Authority: Common Law Order Book, 1950 - Circuit Court Clerk's office of Accomack County, Virginia

Beginning on the southeastern side of what is known as Pannell's railroad crossing on the public road leading from Gargatha to Guilford and running N 35° 30' E parallel with eastern side of Pennsylvania R. R. right of way for a distance of 664.3 ft. to the center of a certain branch; thence running S 05° 37' E in the center of said branch for a distance of 149.3 ft. to a certain survey point; thence continuing in center of said branch S 50° 15' E for a distance of 246.6 ft. to a certain survey point; thence continuing along center of said branch S 73° 54' E for a distance of 317.9 ft. to a certain survey point; and continuing along center of said branch S 49° 03' E for a distance of 286.2 ft. thence turning on the survey point in the center of said branch running N 32° 54' E for a distance of 143 ft. to a certain concrete marker; thence running along the center of a certain ditch N 30° 40' E for a distance of 817.5 ft. to a certain concrete marker, and continuing N 28° 38' E for a distance of 336.5 ft. to a certain large pine, and continuing N 32° 10' E for a distance of 98.7 ft. from said pine to a certain iron pipe; thence turning S 59° 54' E and running for a distance of 131.4 ft. to a certain concrete marker (said marker designating the approximate S.E. corner of the line between the land of Nora T. Silverthorne and John R. Brown); thence turning and running through the land of John R. Brown and wife N 88° 21' E for a distance of 667.5 ft. to a certain steel corner post; thence running N 55° 17' E for a distance of 918.5 ft. over the cleared land of John R. Brown and wife to a certain survey point, not marked; thence turning and running S 59° 00' E for a distance of 531.1 ft. to another survey point (not worked) in the field of the said John R. Brown and wife's land; thence turning and running in a N. E. direction for a distance of 200 ft. to a certain concrete marker on the south side of the public road leading from Bloxom to Nelsonia; thence crossing said public road and beginning at a certain iron stob on the north side of aforesaid public road and running N 31° 00' E for a distance of 688.8 ft. to a certain concrete marker; thence turning and running along the center of a certain branch N 31° 37' W for a distance of 309.7 ft. to a certain concrete marker, located six ft. north of center of the said branch; thence turning and running N 33° 45' E for a distance of 498.2 ft. to a certain survey point, not marked in the field of Alma Hinman; thence turning and running N 48° 34' W for a distance of 275.0 ft. to a certain concrete marker on the eastern side of the public road leading from Bloxom to Mears; then crossing said road and beginning at a certain concrete marker on western side of said public road and running N 48° 34' W for a distance of 255 ft. to a certain concrete marker, buried one ft. below surface of land; thence turning and running S 39° 53' W for a distance of 717.5 ft. to center of certain branch or ditch; thence turning and

CORPORATE LIMITS OF TOWN OF BLOXOM, VIRGINIA (cont'd)

running along the center of said branch or ditch N 28° 22' W for a distance of 440.4 ft. to a certain survey point; thence continuing N 05° 27' W for a distance of 348.9 ft. to the intersection of another ditch running in a northeasterly direction; thence turning and running along the center of said ditch S 33° 00' W for a distance of 544.2 ft. to a certain concrete marker; thence turning and running N 46° 07' W across the land of R. L. Somers and over the Pennsylvania R. R. right of way and cross the public road on the western side of said Pennsylvania R. R. right of way for a distance of 793.7 ft. to a certain concrete marker; thence turning and running S 35° 30' W parallel with said road for a distance of 191.5 ft. to the center of a certain ditch located on north side of the bayside public road; thence turning and running along said ditch N 42° 30' W for a distance of 214.7 ft. to a certain survey point, and continuing along center of said ditch N 43° 29' W for a distance of 200 ft. to a certain concrete marker, located 3 ft. from center of said ditch; thence turning and running S 36° 48' W for a distance of 1574.7 ft. along the eastern line of the Bunting and Littleton land to a certain concrete marker, located in a certain ditch north of Gladding property; thence turning and running N 55° 23' W for a distance of 61.1 ft. to a certain concrete marker, located in said ditch; thence leaving said ditch and running N 75° 23' W for a distance of 137.1 ft. to a certain concrete marker, located in the N. E. corner of the Bloxom Methodist Church property; thence running N 57° 54' W for a distance of 427.7 ft. to a certain concrete marker; thence turning and running along the line between the land of Minnie Bloxom and Alvin Martin, through the land of Lee W. Young and across the Guilford public road S 33° 34' W for a distance of 1660.6 ft. to a certain concrete marker, located on the south side of the aforesaid Guilford road, and continuing for a distance of 120.5 ft. to the center of a certain ditch; thence turning and running along the center of said ditch S 64° 27' E for a distance of 464.6 ft. to a survey point on the south side of public road leading from Gargatha to Guilford; thence turning and continuing along the said ditch located on south side of aforesaid road S 06° 48' W for a distance of 240.1 ft. to a survey point; thence continuing along said ditch and road and crossing the public road leading from Bloxom to Hopeton and to the aforesaid Pannell's railroad crossing located on the eastern side of the Pennsylvania R. R. right of way S 20° 15' E for a distance of 627.7 ft. to the point of beginning.

NAUTICAL CHARTS BRANCH

SURVEY NO. **ET-11232**

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.