

11235

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Diag. Cht. Nos. 78-4 and 1221-2.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey PlanimetricField No. Ph-119 Office No. T-11235

LOCALITY

State VirginiaGeneral locality Chesapeake BayLocality Onancock Creek1953-55

CHIEF OF PARTY

E.H.Kirsch, Chief of Field Party

E.H.Kirsch, Balto. District Officer

LIBRARY & ARCHIVES

DATE September 1961

USCOMM-OC 5087

11235

DATA RECORD

T - 11235

Project No. (II): 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 1956Copy 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): May 10 1953

Date reported to Nautical Chart Branch (IV): 5-23-56

Applied to Chart No.

Date:

Date registered (IV): 12/16/60

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): EVANS, 1942

Lat.: 37° 44' 30.562" (942.2m) Long.: 75° 46' 47.676" (1167.3m)

Adjusted

~~horizontal~~

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.

Not Applicable

Areas contoured by various personnel
(Show name within area)
(II) (III)

3

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: SEPT. 1956

Mean High Water Location (III) (State date and method of location): 1955 date of photography;
field inspection on 1953 photographs. THERE WERE NO FIELD EDIT
SHORELINE CORRECTIONS

Projection and Grids ruled by (IV): J. Thuma

Date: 1/28/54

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

Date: 2/2/54

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

Date: 3/15/55

Control checked by (III): J. Steinberg

Date: 3/17/55

Radial Plot or Stereoscopic

Date: 9/9/55

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

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

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

Date: 1/18/56

Photogrammetric Office Review by (III): R. Glaser

Date: 4/20/56

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): USC&GS nine-lens and single lens camera "W" (4)

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
55-W-4356 - 4359	3/10/55	1418	1:10,000	1.2' above MLW
55-W-4385 - 4388	"	1433	"	1.1' " "
55-W-4432 - 4435	"	1457	"	0.9' " "
40,335 - 40,336	5/29/53	0922	"	1.1' " "
40,486 - 40,488	5/30/53	1256	"	1.5' " "
40,521 - 40,523	5/30/53	1340	"	1.4' " "
40,583 - 40,585	"	1435	"	1.3' " "

Tide (III)
From predicted tables

Reference 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: Nov. 1960

Final Drafting by (IV): Baltimore office

Date:

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

Date: Nov. 1960

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

Date: Dec. 1960

Land Area (Sq. Statute Miles) (III): 19

Shoreline (More than 200 meters to opposite shore) (III): 29 mi.

Shoreline (Less than 200 meters to opposite shore) (III): 19 mi.

Control Leveling - Miles (II): none

Number of Triangulation Stations searched for (II): 5

Recovered: 3

Identified: 6*

Number of BMs searched for (II): 2

Recovered: 2

Identified: 1

Number of Recoverable Photo Stations established (III): 9**

Number of Temporary Photo Hydro Stations established (III): 5

Number of Topographic Stations searched for: 10 Recovered: 4

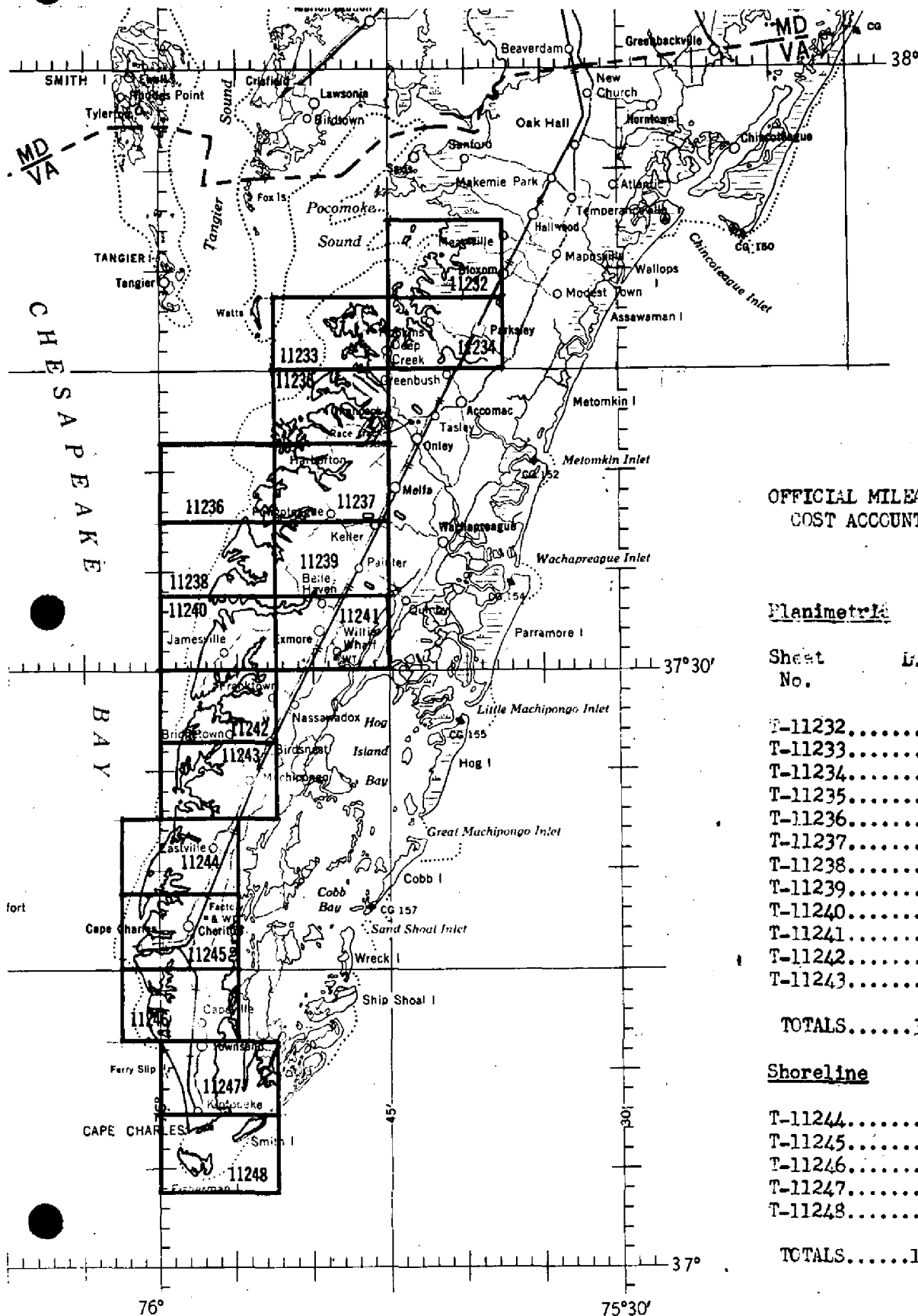
Remarks:

*Three additional stations were established in this area.

Two of the stations identified fall east of project limits.

** This total includes one recovered AZ. Mk. and one recovered TBM.

PLANIMETRIC and SHORELINE MAPPING PROJECT PH-119 CAPE CHARLES TO POCOMOKE SOUND, VIRGINIA



OFFICIAL MILEAGE FOR COST ACCOUNTS

Planimetric

Sheet No.	L.M.S.	Sq. Miles
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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

Summary To Accompany Descriptive Report

T-11235

T-11235 is one of seventeen 1:10,000 scale maps in Project PH-119. The project covers the eastern shore of the Chesapeake Bay in Virginia from Beasley Bay (Lat. 37° 52'45") southerly to Cape Charles (Lat. 37° 03'45").

The Project is subdivided into two sections. Section "A" comprised of planimetric surveys T-11232 to T-11243 covers the northern part of the project. Section "B" is comprised of shoreline surveys T-11244 to T-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. No changes in contours were found over the entire area that warranted changing the original contours.

Field work was accomplished in 1953. Radial plotting and graphic compilation were accomplished in the Baltimore Office in 1955. Nine-lens photographs taken in 1953 were used in radial plotting. Single lens photographs taken in 1955 and the 1953 field inspected nine-lens photographs were used in compilation (1955). This advance copy of T-11235 was furnished the hydrographic survey party prior to sounding. T-11235 was field edited in 1956. Field edit corrections were applied in the Baltimore Office.

Items registered under T-11235 will include a Descriptive Report and a positive impression on cronar of the scribed copy of the manuscript.

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

MAP T. 11235 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)	
P. PT. No. 8, 1953	Field Comp. Form 709	N.A. 1927	520,129.25	129.25	(4,870.75)		39.4	(1484.6)	
LE-35, 1953 (P. PT. No. 8, 1953)	"	"	2,790,964.05 48.14	964.05	(4,035.25)		293.8	(1230.2)	
	"	"	520,439.92	439.92	(4,560.08)		134.1	(1389.9)	
	"	"	2,786,456.5345	1456.53	(3,543.47)		444.0	(1080.0)	
P. PT. No. 7, 1953	"	"	522,569.09	2569.09	(2,430.91)		783.1	(740.9)	
	"	"	2,797,210.74	2210.74	(2,789.26)		673.8	(850.2)	
LE-25, 1953	"	"	523,425.44 52	3425.44	(1574.56)		1044.1	(479.9)	
	"	"	2,798,200.7667	3200.76	(1799.24)		975.6	(548.4)	
HALE, 1953	"	"	520,819.62 80	819.62	(4180.38)		249.8	(1274.2)	
	"	"	2,795,143.2707	143.27	(4856.73)		43.7	(1480.3)	
CROSSROADS, 1953	"	"	518,427.02 27	3427.02	(1572.98)		1044.6	(479.4)	
	"	"	2,793,458.05	3458.05	(1541.95)		1054.0	(470.0)	
Sub. Point CROSSROADS, 1953	"	"	518,482.84	3482.84	(1517.16)		1061.6	(462.4)	
ONANCOCK, RADIO STATION KIA 96, TOWER, 1953	"	"	2,793,587.10	3587.10	(1412.90)		1093.3	(430.7)	
	"	"	37° 42' 04.692"				144.6	(1705.2)	
	"	"	75 45 01.921				47.1	(1422.8)	
POINT 2, 1953	Field Comp. Form 709	"	37 44' 39.953	3747	26.954		1231.8	(618.0)	
	"	"	75 49 13.533	7549	05.738		331.3	(1137.6)	
Sub. Point POINT 2, 1953	"	"	37 44				1212.4	(637.4)	
	"	"	75 49				353.2	(1115.7)	
ONANCOCK CREEK LT., 1952	"	"	37 43 28.513				879.1	(970.7)	
	"	"	75 51 03.458				84.7	(1384.7)	
EVANS, 1942	G-5462 p. 486	"	37 44 30.562				942.2	(907.6)	
	"	"	75 46 47.676				1167.3	(301.7)	

1 FT. = 3048006 METER

COMPUTED BY: J. Steinberg

DATE 4/14/54

CHECKED BY: H. R. Rudolph

DATE 2/25/55

COMM-DC-57843

SCALE FACTOR

1 FT. = .3048006 METER
COMPUTED BY: J. Steinberg
DATE: 4/14/54
CHECKED BY: H. R. Rudolph
DATE: 2/25/55
COMM. DC. 578

COMPILATION REPORT

T-11235

The Field Inspection Report and the Photogrammetric Plot Report are part of the Descriptive Report for survey T-11232.

31. DELINEATION

This manuscript was delineated by graphic methods in accordance with method one of the general instructions dated 11 January 1956.

The delineation was done using the 1955 single lens ratioed photographs, which were in better scale, supplemented by the field inspection on the 1953 nine-lens photographs.

Changes in shoreline since field inspection, due to storms and hurricanes, were made by office interpretation on 1955 photographs.

32. CONTROL

Refer to the Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

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

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

34. CONTOURS AND DRAINAGE

Contours: Inapplicable.

Drainage: Several drains were shown as "unsurveyed" in wooded areas where the stream was not visible.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate in a broad sense, but many refinements were made after stereoscopic study of the 1955 single lens photographs which had much better definition.

See paragraph 31 regarding delineation of the shoreline. The interpretation of the low water line was not attempted and was delineated in only a few small areas.

The limits of shallow areas were delineated by office interpretation.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Form 567 has been submitted for 21 non-floating aids, three landmarks and one aeronautical landmark. The position of TANK, 1953 is off the east margin of this manuscript in an area of no contemporary survey and is reported with this survey.

38. CONTROL FOR FUTURE SURVEYS

Five photo-hydro stations were located on this manuscript.

Forms 524 are being submitted for nine recoverable topographic stations established, four recovered, and six lost. Four new stations were not listed in paragraph 11 of the field report. See paragraph 49.

Discrepancies of as much as 13 meters were noted in the positions of the recovered stations compared with the previous positions.

Station TANK, 1953 is east of this manuscript in an area of no contemporary survey and is being submitted with this survey.

39. JUNCTIONS

Junctions have been made with surveys T-11233 to the north and T-11237 to the south. To the west is an all water area and no contemporary survey. Junction to the east with Bureau survey T-8441 (1942) is considered 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. Pungoteatue quadrangle, scale 1:25,000, edition of 1948, which was based on Bureau survey T-8166 (1942) scale 1:20,000.

Small differences in position of details (see also paragraph 38) were noted over the area of this manuscript. This probably is 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.

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

47. COMPARISON WITH NAUTICAL CHARTS

<u>Chart</u>	<u>Scale</u>	<u>Published</u>	<u>Corrected to:</u>
568	1:40,000	August 1954	7/23/55
1223	1:80,000	August 1955	11/12/55

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
18 January 1956

Judson Y. Council

Judson Y. Council
Carto. Photo. Aid

Approved and Forwarded

E. H. Kirsch

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

49. NOTES FOR THE HYDROGRAPHER

The following are the photo-hydro stations located on this manuscript:

BOAT	photograph	40522,	SW corner of boat house.
CHIMNEY	"	40584,	Center, 2-story white frame building.
N. GABLE	"	40522,	Chimney at N. gable of large 2-story house.
PIER	"	40522,	NW corner of pier.
SPIRE	"	40522,	Spire atop belfry, S. gable of barn.

The following are the recoverable topographic stations located on this manuscript:

- CLAM, 1953
- DOCK, (1942) 1953
- *EVANS AZ. MK, (1942) 1953
- FAIR, 1953
- FINNEY, (1942) 1953
- GALE, 1953
- JUT, (1942) 1953
- POND, 1953
- RILL, (1942) 1953
- *SPIRE, 1953
- *TANK, 1953 *destroyed*
- *TBM 3, (1914) 1953
- WIND, 1953

*These were not listed in paragraph 11 of the field report.

The position of Onancock Creek Channel Daybeacon 9 requires verification. It is weak in east-west direction. A check cut from WIND and CLAM would be sufficient. *Daybeacon removed from the manuscript. See the final review report*

The position of Onancock Creek Channel Daybeacon 5, requires verification. A poor intersection was obtained using the four directions observed. *Daybeacon has been moved - removed from manuscript during application of field edit corrections.*

Woody Island, to the west of this survey, appears on Chart 1223 but no evidence of an island can be seen on the photographs. (see also notes to hydrographer for survey T-11236). There is no survey to the west and the Island as shown on the chart would fall outside of the limits of this survey

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CORPORATE LIMITS

OF

TOWN OF ONANCOCK, VIRGINIA

Authority: Legislative Acts of General Assembly of Virginia, 1882.
Chapter 127-page 127.

The boundaries of the said town shall be as follows:

Beginning at the northwest corner of the wharf belonging to Hopkins and Brothers, known as the steamboat wharf; thence up the south fork of Onancock Creek, by and with the outer edge of the several wharves, and then by and with the ordinary low water mark, to the head of said fork; then, by and with the run of the branch emptying in to said fork, between the land known as the College property and the land of Isaiah W. Bagwell; then by the said branch, with the run thereof, to a point between the land of said I. W. Bagwell and Thomas Johnson; then in a right line, through the land of the said Thomas Johnson and of George W. Powell, until it strikes the southeast side of road, or street, north of the main county road, between the lands of Thomas Johnson and Henry Hall - the last named line being a prolongation southwesterly of the line of the southeast side of said road or street; then, by and with the southeast side of said road, or street, to the run of the branch between the lands of said Thomas Johnson and William S. Mills; then, by and with the run of said last named branch, to the head of the north fork of Onancock Creek; then, by and with the ordinary low water mark, along said north fork of the outer edge of the several wharves, to the point of beginning.

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PHOTOGRAMMETRIC OFFICE REVIEW

T. 11235

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

CONTROL STATIONS

4a. Classification label ☒

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 ^{Theod. cuts} ~~extent lines~~ ☒ 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. Glaser
Reviewer

Joseph Steinberg
Supervisor, Review Section of 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.

F.M. Wisiecki
Compiler

F.J. TARCZA
Supervisor

43. Remarks:

Field Edit Report
T-11235, Project 25050
E. H. Kirsch, Chief of Party

51. Methods.- This planimetric map was field edited by riding over all roads to check their classification, 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 notes on the nine-lens photographs are in purple to distinguish them from the original field inspection.

Field edit information is shown on nine-lens photograph No. 40486 and single-lens ratio photographs Nos. 55-W-4355 through 4359, 4433 through 4435. These ratio photographs will be considered part of the field photographs for this project.

52. Adequacy of compilation.- 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.

There is very little swamp on T-11235. All ground other than marsh is well drained.

Several cable crossings on Chart 1223 are erroneously placed (see section of chart attached). Several crossings have had additional cables added lower on the poles and, therefore, a lower clearance has been obtained. Forms 183 are submitted of the crossing observations.

Detail of the docking area at East Point has been sketched on the back of photograph No. 55-W-4357.

Several boat slips have been dredged since the 1955 photography. These slips have been mapped by planetable on the single-lens ratio photographs.

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

54. Recommendations.- None

55. Examination of proof copy.- Father McNulty, a priest living near Onancock, Virginia, examined a field edit copy of T-11235. He stated he had traversed the area named Dahl Swamp a number of times on foot and reports no standing water or wet land. The building that was in the middle has totally collapsed.

Dahl Swamp is a locality or geographic name, not a physical swamp.

Respectfully submitted:

Charles H. Davies

C. H. Davies

Approved and Forwarded:

E. H. Kirsch

E. H. Kirsch, CAPTAIN, CGS
Chief of Party.

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REVIEW REPORT
PLANIMETRIC SURVEY T-11235
November 1956

62. Comparison with Registered Topographic Surveys:

308	1:20,000	1850
868	1:20,000	1862
2654	1:20,000	1903-04
8169	1:20,000	1942

T-11235 supersedes the prior Bureau surveys for nautical charting purposes in common areas.

The Compilation Report (Paragraph 46) mentions small differences in the position of details noted in comparing T-11235 with the AMS Pungoteague Quadrangle (based on Coast and Geodetic Survey T-8169). These errors are no larger than to be expected if the factors (scale etc.) mentioned in the comparison are taken into consideration.

With the exception of one area, T-11235 and T-8169 are in good overall agreement in horizontal position of details. There is a difference in position (or shift) of details of approximately 3.0 mm (measured on T-11235 - 1:10,000 scale) in the Finneys and Parkers Islands area. This is apparently due to error in the radial plot for T-8169. The radial plot for T-11235 in the area was controlled by two field identified triangulation stations. The plotted positions of these stations were used with photo-hydro and photo-topo stations located by the radial plot as control for hydrography (H-8445). No difficulties in plotting sounding lines are mentioned in the hydrographic survey report.

63. Comparison with Maps of Other Agencies:

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

The comparison is discussed in the preceding paragraph.

64. Comparison with Contemporary Hydrographic Surveys:

H-8406	1:10,000	1957
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This comparison was made prior to completion of verification of the hydrographic survey smooth sheet. Inking of the shoreline and soundings had been completed.

The sources of the shoreline on the smooth sheet are advance manuscripts T-11233, T-11234, and T-11235. No field edit or final review changes in the MHW line were applied to the final copy of T-11235. Field edit corrections and additions applied to the final copy of T-11235 were discussed with the Chief of the Hydrographic Verification Section at the time of final review. These changes will be applied to H-8406 (smooth sheet) during completion of verification. Soundings and shoreline are in agreement.

H-8445

1:10,000

1957-58

Shoreline for the hydrographic survey was provided by topographic surveys T-11235, T-11236, and T-11237. The subject comparison was made subsequent to verification of the hydrographic survey smooth sheet. Field edit corrections were included on the advance copy of T-11235 used during verification of the smooth sheet. No corrections affecting the hydrographic survey were made on T-11235 during final review. Shoreline and soundings are in agreement.

The topographic survey compiler requested a check by the hydrographer of the position of Onancock Creek, Channel Daybeacon 9. A new position was established. The daybeacon was removed from T-11235 during final review.

The surveys differ in the location of Onancock^{Creek,} Channel Daybeacons 13 and 14. The Hydrographic Survey Report credits survey T-11235 with the location of the aids. The topographic survey positions of these aids were not used as control for soundings. New positions were determined by the hydrographic survey, however there is no record of the method used. Satisfactory intersections were obtained in plotting the theodolite cuts used for determining the topographic survey positions. The daybeacons were probably moved during the elapsed time between the surveys.

65. Comparison with Nautical Charts:

568

1:40,000

1954 Revised 7-11-60

1223

1:80,000

6th Edition 7-25-60

This map was not applied to the charts. There are numerous differences (piers, cables, etc.) between the topographic survey and the charts.

66. Adequacy of Results and Future Surveys:

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

Reviewed by:

S. G. Blankenbaker
S. G. Blankenbaker

Approved by:

L. C. Lunde
Chief, Review & Drafting Sec.
Photogrammetry Division

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

for L. F. Woodcock
Chief, Photogrammetry Division

J. Bowie
Chief, Coastal Surveys Division

T-11235.

Geographic Names.

NO. 1

Andrew Chapel

Back Creek

Bailey Neck

Bailey Point

Broadway Church

Broadway Landing

Broadway Neck

Cashville

Cashville School

Cedar Creek

Chandler Marsh

Chesconessex Creek

Coffin Point

Cokesbury Church

Crystal Beach

Chesapeake Bay

Dahl Swamp

East Point

(village)

Finneys Creek

Finneys Island

Finneys Neck

Finneys Wharf

Indian Point

Joynes Branch

Lares Gut

Leatherberry Creek

Matchotank Creek

North Branch

(arm of Onancock Cr. at Onancock)

Onancock

Onancock Creek

Onley Point

Parkers Creek

Parkers Island

Parkers Marsh

Poplar Cove

Poplar Cove Wharf

Prospect Heights

T-11235, sheet No. 2.

Riverside Church

Sluitkill Neck

(1943 BGN decision, which rejected Prospect Neck)

Scarborough Island

Scott Store

Sound Beach

South Chesconessex

Tarkill Creek

Thicket Creek

Thicket Point

Titlow Creek

Wards Church

Ware Point

State No. 178

Names approved 10-31-58
L. Heck L.H.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEYNONFLOATING AIDS ~~ON/NAVYMANARAS~~ FOR CHARTS~~TO BE CHARTED~~
~~TO BE DELETED~~

STRIKE OUT ONE

Baltimore, Maryland 27 March 1956

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

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

E. H. Kitchin
Chief of Party

STATE	VIRGINIA			SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	NEARBY CHART	OFFSHORE CHART	CHARTS AFFECTED
	CHARTING NAME	DESCRIPTION	LATITUDE *		LONGITUDE *											
					D.M. METERS											
					°	'	"									
		Onancock Creek Channel Lt.		37	43	28.513	75	51	03.458	N.A.	1927		X	X	568	
5	✓	MOVING - SP. 201 1956 p.m. 4.12		37	43	879.1	75	51	84.7				X	X	1223	
		" " " " " Daybeacon		37	43	14.76	75	50	22.46				X	X	"	
		" " " " " "		37	43	455	75	50	550				X	X	"	
7	✓	" " " " " "		37	43	11.09	75	50	11.92				X	X	"	
		" " " " " "		37	43	342	75	50	292				X	X	"	
9	✓	NEW POSITION H-8445		37	43	23.74	75	49	42.51				X	X	"	
		" " " " " "		37	43	732	75	49	1041				X	X	"	
11		" " " " " "		37	43	40.25	75	48	24.75				X	X	"	
		" " " " " "		37	43	1241	75	48	606				X	X	"	
12		" " " " " "		37	43	39.09	75	48	16.17				X	X	"	
		" " " " " "		37	43	1205	75	48	396				X	X	"	
12A		" " " " " "		37	43	38.92	75	48	09.07				X	X	"	
		" " " " " "		37	43	1200	75	48	222				X	X	"	
13	✓	NEW POSITION H-1445		37	43	35.94	75	47	59.17				X	X	"	
		" " " " " "		37	43	1108	75	47	1449				X	X	"	
14	✓	NEW POSITION H-8445		37	43	34.51	75	48	04.08				X	X	"	
		" " " " " "		37	43	1064	75	48	100				X	X	"	
16		" " " " " "		37	43	30.75	75	47	49.86				X	X	"	
		" " " " " "		37	43	948	75	47	1221				X	X	"	
18		" " " " " "		37	43	20.86	75	47	33.89				X	X	"	
		" " " " " "		37	43	643	75	47	830				X	X	"	
20		" " " " " "		37	43	09.21	75	47	17.35				X	X	"	
		" " " " " "		37	43	284	75	47	425				X	X	"	
21		" " " " " "		37	42	58.25	75	46	51.73				X	X	"	
		" " " " " "		37	42	1796	75	46	1267				X	X	"	
22		" " " " " "		37	43	00.03	75	46	51.77				X	X	"	
		" " " " " "		37	43	1	75	46	1415				X	X	"	

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.

DEPARTMENT OF COMMERCE
U. S. COAST-AND-GEODETTIC SURVEY

TO BE CHARTED } STRIKE OUT ONE

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

STRIKE OUT ONE

Baltimore, Maryland **27 March** **1956**

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

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

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.

STRIKE OUT ONE

NON-FLUATING AIDS/OR LANDMARKS FOR CHARTS

Baltimore, Maryland

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

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

E. H. Kirsch

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.

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

- U. S. COAST AND GEODETIC SURVEY

AERONAUTICAL

NONEXPLAINING/AMBS/OR LANDMARKS FOR CHARTS

STRIKE OUT ONE

TO BE CHARTED
TOP/DEL/ET/ED/

Baltimore, Maryland 29 March 1956

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

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

Chief of Party:

E. H. KIRSCH
E. H. Kirsch.

[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.

Duncock Creek

TIDE COMPUTATION

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

PROJECT NO. Ph. T

Time and date of exposure 4 Sept 1956

Reference station

Hampton Roads, Va

Mean range 1.7

Date of field inspection

Subordinate station

Pungoteague Creek

Ratio of ranges

High -0.8
Low 0.0

Cable Clearance Data from field edit observations show on the manuscript

	Time	
	h.	m.
High tide	10	28
Low tide	04	19
Duration of rise or fall	6	09

	Height		Height x Ratio of ranges
	feet		
High tide	3.3	-0.8	2.5
Low tide	-0.1	-0.0	-0.1
Range of tide			2.6

	Time	
	h.	m.
High tide at Ref. Sta.	08	23
Time difference	+2	05
Corrected time at Subordinate station	10	28

	Time	
	h.	m.
Low tide at Ref. Sta.	02	14
Time difference	+2	05
Corrected time at Subordinate station	04	19

	h.	m.	Ht. H. T. or L. T.	Tabular correction	Stage of tide above MLW	feet	Photo. No.
Time H. T. or L. T.	10	28				26.6	Cable Crossing
Required time	9	15				2.3	No 1 at Duncock
Interval	1	13				28.9	27.2 above MHW
Time H. T. or L. T.	10	28				21.3	Cable Crossing
Required time	9	40				2.4	No 2 at Duncock
Interval	0	48				23.7	22.0 above MHW
Time H. T. or L. T.	10	28				57.5	Cable Crossing
Required time	10	00				2.5	No 3 at Duncock
Interval		28				60.0	58.3 above MHW
Time H. T. or L. T.	10	28				60.0	Cable Crossing
Required time	10	30				2.5	No 4 at Duncock
Interval	00	02				62.5	60.6 above MHW
Time H. T. or L. T.							
Required time							
Interval							
Time H. T. or L. T.							
Required time							
Interval							

COMM. DC-57848

Computed by T. M. M. S.

Checked by J. W. J.

TIDE COMPUTATION

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Matchotank Creek

PROJECT NO. PH- T

Time and date of exposure 31 Aug 1956

Reference station

Hampton Roads, Va.

Date of field inspection

Subordinate station

Pungoteague Creek

Mean range

1.7'

Ratio of ranges

High - 0.8

Low 0.9

	Time	
	h.	m.
High tide	6	23
Low tide	12	32
Duration of rise or fall	6	09

	Height		Height x Ratio of ranges
	feet		
High tide	2.4	0.8	1.6
Low tide	0.3		0.3
Range of tide			1.3

	Time	
	h.	m.
High tide at Ref. Sta.	4	18
Time difference	+ 3	05
Corrected time at Subordinate station	6	23

	Time	
	h.	m.
Low tide at Ref. Sta.	10	27
Time difference	+ 2	05
Corrected time at Subordinate station	12	32

	h.	m.		feet		feet	Photo. No.
Time H. T. or L. T.	12	32	Ht. H. T. or L. T.	0.3	Feature bares	27.5	Cable crossing at lower part of Matchotank Cr.
Required time	12	00	Tabular correction	0.0	Stage of tide above MLW	0.3	26.1' above MLW
Interval	0	32	Stage of tide above MLW	0.3	Feature above MLW	27.8	Cable crossing at upper part of Matchotank Cr.
Time H. T. or L. T.	12	32	Ht. H. T. or L. T.	0.3	Feature bares	12.0	10.6' above MLW
Required time	12	15	Tabular correction	0.0	Stage of tide above MLW	0.3	
Interval	0	17	Stage of tide above MLW	0.3	Feature above MLW	12.3	
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		

COMM. DC-57848

Computed by

F. M. M.

Checked by

J. W. J.

Finney's Creek

TIDE COMPUTATION

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

PROJECT NO. Ph. T

Time and date of exposure 4 Sept 1956

Reference station

Hampton Roads, Va

Mean range

1.7

Date of field inspection

Subordinate station

Pungoteague Creek

HEIGHT DIFF.

HEIGHT SUB. STA.

Ratio of ranges

High 0.8
Low 0.0

	Time	
	h.	m.
High tide	10	28
Low tide	16	42
Duration of rise or fall	6	14

	Height		Ratio of ranges
	feet	ft.	
High tide	3.3	0.8	2.5
Low tide	-0.2	0.0	-0.2
Range of tide			2.7

	Time	
	h.	m.
High tide at Ref. Sta.	8	23
Time difference	+ 2. 25	
Corrected time at Subordinate station	10	28

	Time	
	h.	m.
Low tide at Ref. Sta.	14	37
Time difference	+ 2. 05	
Corrected time at Subordinate station	16	42

	h.	m.		feet	Photo. No.
Time H. T. or L. T.	10	28	Ht. H. T. or L. T.	2.5	Cable crossing #5 at Finney's Cr 29.5' above MLW
Required time	11	40	Tabular correction	0.2	
Interval	1	12	Stage of tide above MLW	2.3	
Time H. T. or L. T.			Ht. H. T. or L. T.		
Required time			Tabular correction		
Interval			Stage of tide above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		
Required time			Tabular correction		
Interval			Stage of tide above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		
Required time			Tabular correction		
Interval			Stage of tide above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		
Required time			Tabular correction		
Interval			Stage of tide above MLW		

COMM-DC-57848

Computed by

F. M. M.

Checked by

J. M.

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

[illegible]

Comm-DC-61180

Form 183
(8-20-54)

PLANETABLE ELEVATION RECORD

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Party	Date		Quad No.		Photo No.			
Point	Distance	Angle	Product	Rod	Diff. Elev.	H.I.	Elevation	Remarks
Cable Cross at Onancock								
#1	32.5	+6	19.50'	7.1	26.6'		450.156	9:15 A.S.T. Temp. 80° F
#2	380	3.6	13.7'	7.6	21.3'		4 Sept 56	9:40 A.S.T. Temp. 80° F
#3	920	5.5	50.6'	6.9	57.5'		4 Sept 56	10:00 A.S.T. Temp. 82° F

Comm-DC-61180

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Photo No.

Remarks

COMM-DC-61180



NAUTICAL CHARTS BRANCH

SURVEY NO. T-11235

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.