

T-11666

Original

T-11666

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-11666
Field edited map	
LOCALITY	
State	VIRGINIA
General locality	ACCOMACK COUNTY
Locality	ASSAWAMAN CREEK
19 59-62	
CHIEF OF PARTY	
J. K. Wilson, Chief of Field Party	
V.R. Sobieralski, Tampa District Officer	
Alfred C. Holmes, Director, AMC	
LIBRARY & ARCHIVES	
DATE	JUL 1975

USCOM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T-11666

PROJECT NO. (II):

PH-5907

FIELD OFFICE (III):

ACCOMAC, VIRGINIA

CHIEF OF PARTY

Joseph K. Wilson

PHOTOGRAMMETRIC OFFICE (III):

Tampa, Florida

OFFICER-IN-CHARGE

V. Ralph Sobieralski

INSTRUCTIONS DATED (II) (III): Field: October 20, 1959

Field Amendment 1 : April 26, 1960

Office: Dec. 28, 1960

Office " " Aug. 10, 1961

" " 2 Sept. 29, 1961

METHOD OF COMPILATION (III): Graphic

MANUSCRIPT SCALE (III):

1:10,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

Inapplicable

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (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):

ARBUCKLE, 1949

LAT.: ✓✓✓

37°51'57.718"(1779.5m)

LONG.: ✓✓✓

75°30'44.534"(1088.5m)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

y = 571,689.96 FT. ✓

x = 2,862,353.07 FT. ✓

Virginia

South

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.

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (II): W. M. Reynolds M. A. Stewart		DATE: Oct. 1961
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air photo compilation Date of photographs: Oct. 13, 1959 Apr. 28, 1962		
PROJECTION AND GRIDS RULED BY (IV): A.R. (W.O.)		DATE Apr. 1962
PROJECTION AND GRIDS CHECKED BY (IV): A.R. (W.O.)		DATE " "
CONTROL PLOTTED BY (III): V. P. Cackowski		DATE " "
CONTROL CHECKED BY (III): V. P. Cackowski		DATE " "
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): R. R. Wagner		DATE May 1962
STEREOSCOPIC INSTRUMENT COMPILATION (III): Inapplicable	PLANIMETRY	DATE
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): V. P. Cackowski " " Reviewed by: I. I. Saperstein		DATE July 1962 Aug. 1962
SCRIBING BY (III): V. P. Cackowski " Reviewed by: W. H. Shearouse		DATE Sept. 1962 " "
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. R. Wagner		DATE Nov. 1962
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

9 lens C&GS and Wild Single lens "W" camera

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60480	Oct. 13, 1959	10:37	1:10,000	0.0 FT above MLW
60481	" "	" "	" "	" " "
60482	" "	10:38	" "	" " "
60524	" "	11:12	" "	" " "
62-W-3838	Apr. 28, 1962	10:20*	1:20,000	0.7 " "
62-W-3839	" "	" "	" "	" " "

Predicted TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Sandy Hook, New Jersey	-	4.6	5.6
SUBORDINATE STATION: Metomkin Inlet	H.W. -0.9 L.W. 0.0	3.7	4.5
SUBORDINATE STATION:			

Atlantic Marine Center
~~WASHINGTON FIELD~~ REVIEW BY (IV):

C. H. Bishop

DATE: July 1973

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (III): 8

RECOVERED: 5

IDENTIFIED: 3

NUMBER OF BM(S) SEARCHED FOR (II): 0

RECOVERED: 0

IDENTIFIED 0

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 2

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): 0

REMARKS: * Time not received from Washington
Estimating from adjoining flight.

COMPILATION RECORD

COMPLETION DATE

REMARKS

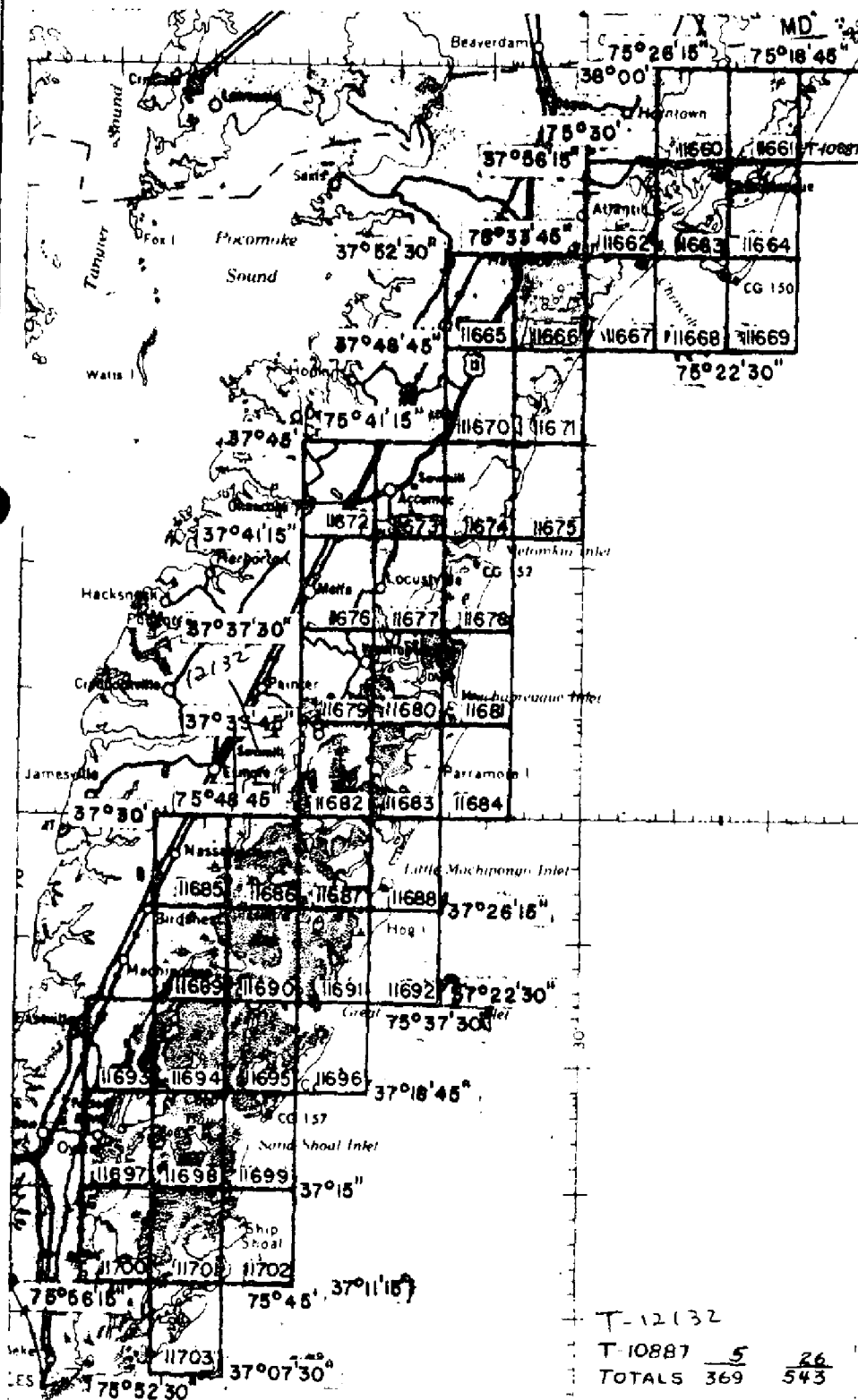
Incomplete Manuscript Compiled	May 1962	Superseded
Alongshore area revised from field edit	July 1962	Superseded
Interior details added; manuscript complete	August 1962	Superseded
Final Review	July 1973	

PH-5907

CAPE CHARLES TO ASSATEAGUE, VA

Planimetric Mapping Scale 1:10,000

OFFICIAL MILEAGE
FOR COST ACCOUNTS



Sheet No.	Area Sq. Ml.	Lin. Shor
11660	6	10
11661	6	15
11662	13	19
11663	7	23
11664	8	16
11665	17	0
11666	16	8
11667	7	8
11668	1	1
11669	1	4
11670	16	1
11671	8	15
11672	17	0
11673	16	5
11674	8	16
11675	1	4
11676	16	0
11677	13	10
11678	8	16
11679	16	8
11680	11	32
11681	4	10
11682	8	15
11683	11	15
11684	2	3
11685	16	4
11686	4	15
11687	6	20
11688	6	15
11689	13	11
11690	4	11
11691	4	16
11692	2	3
11693	11	11
11694	6	16
11695	4	17
11696	4	9
11697	11	20
11698	6	16
11699	4	13
11700	8	16
11701	8	11
11702	4	11
11703	6	25

T-12132

T-10887 5

TOTALS 369 543

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-11666

This 1:10,000 scale shoreline manuscript is one of 43 maps that comprise Project PH-5907, Cape Charles to Assateague, Virginia. The project diagram indicates the location of this map in the project.

Field inspection prior to compilation was done on 9-lens photographs in September, 1961.

Compilation was based on control established by a radial plot using 9-lens photography of October 13, 1959. The Photogrammetric Plot Report was not available at the time of final review and is not bound with this Descriptive Report.

Single-lens photographs, taken after a hurricane which occurred in March 1962, were used in conjunction with the 9-lens photographs for compilation of this map.

Field edit was done in June 1962. One shoreline correction was made at Lat. $37^{\circ}49.2'$, Long. $75^{\circ}30.2'$. One fixed aid, Daybeacon 22, was located by sextant fix.

Final review was done at the Atlantic Marine Center in July 1973. Geographic names were corrected to agree with the Final Names List dated June 22, 1972.

The compilation manuscript was a vinylite sheet 3 minutes 45 seconds in latitude by 3 minutes 45 seconds in longitude.

A cronaflex copy of the final reviewed manuscript and a negative were forwarded for record and registry.

FIELD INSPECTION REPORT
MAPS ~~11665~~, 11666, 11670 and 11671
PROJECT PH-5907

2. Areal Field Inspection.

These maps are located along the eastern shore of Virginia, in Accomac County. The area is primarily rural and the principal industry is truck farming. Maps 11665 and 11670 are located along the mainland. Maps 11666 and 11671 are partially mainland and partially areas of marsh, water and islands separating the mainland from the Atlantic Ocean. Parts of Metomkin Island and all of Assawaman Island are located in maps 11666 and 11671. These islands are uninhabited and consist of low stretches of sand and marsh. The area is served by U.S. Highway 13 and numerous secondary state and county roads. The Pennsylvania Railroad crosses map 11665 and is just west of map 11670. The Intracoastal Waterway crosses maps 11666 and 11671. The waterway is shallow and usable by shallow draft boats only. The only urban areas are the settlements of Bloxom, Hallwood, Nelsonia and Mappsville located in map 11665. The settlements of Assawaman and Conquest Corners are located in map 11666 and the settlements of Gargatha and Modest Town are located in map 11670. All of the settlements are small farming communities and have no other industry.

The photography was taken in October of 1959 and was of good quality. No difficulty was encountered in their interpretation in the field. The tone changes ranged from white, in the sand areas, to grey, in the areas of grass, to black, in the areas covered by marsh or trees.

Field inspection is believed complete and was performed on 1:10000 scale nine-lens photographs. The photographs containing field inspection information are; 60447 through 60451, 60456 through 60462, 60476 through 60482 and 60524 through 60527. No items were deliberately left for field edit.

3. Horizontal Control.

All Coast and Geodetic Survey Control Stations were searched for. One station, BAIL 1961, was established by closing two triangles from previously established stations. The closures of the triangles were satisfactory. The position of the new station was computed but no adjustment was made.

The identification of control, as indicated by a copy of the project diagram, was adequately met for these maps.

Item 3, Horizontal Control Cont'd.

The following stations were reported lost;

11665	11670
none	none
11666	11671
ASSAWAMAN 4 1934	Chincoteague to Hog Island,
ASSAWAMAN CREEK SHACK, EAST GABLE	Kegotank Bay, Beacon No. 4, Red
CHIMNEY 1934	1934
WATCH HOUSE 1902	Chincoteague to Hog Island,
11671	Kegotank Bay, Beacon No. 6, Red
KEGOTANK 1909	1934
Kegotank Bay Shack on Piles 1934	Drums Farmhouse South Chimney
Kegotank House Boat East End 1934	1909
Old House With Six Windows, Center Chimney 1909	

4. Vertical Control.

There are no tidal bench marks within these maps.

5. Contours and Drainage.

Contours are inapplicable.

The tidal streams are visible on the photographs. The drainage along the mainland areas of these maps has been indicated on the photographs.

6. Woodland Cover.

All woodland cover was inspected and has been classified on the photographs.

7. Shoreline and Alongshore Features.

The mean high water line along the Atlantic Ocean was located by measurement from identifiable photo. points. Identifiable points around the inlets could not be found due to the water having swept across the low sand areas. The mean high water line around the inlets has been indicated as photographed. All maps with inlets located therein should carry the notation "Shoreline Subject To Frequent Change".

The apparent shoreline in the marsh areas was inspected by skiff running close to shore and has been indicated on the photographs.

The foreshore along the ocean is sand. There are no bluffs or cliffs.

All docks, wharves, piers or landings have been indicated on the photographs.

There are no submarine cables within these maps. The cable area across Gargathy Inlet, chart 1221, has been removed. This cable was a Coast Guard Telephone Line. The line now enters Metomkin Inlet Coast Guard Station, map 11678, from the mainland to the west.

All other shoreline structures have been clarified.

8. Offshore Features.

The shoal areas around Gargathy Inlet and the spoil areas in Kegotank Bay were visited during high water. Appropriate notes concerning these areas have been made on the photographs.

9. Landmarks and Aids.

Landmarks for nautical charts and fixed aids to navigation are adequately covered by Form 567. This form is submitted with this data.

There are no aeronautical aids within these maps.

10. Boundaries, Monuments and Lines.

The entire area is within Accomac County, Virginia. The only boundaries affecting these maps are the corporate limits of Bloxom in the southwest corner of map 11665 and the limits of the mainland portion of Wallops Island National Aeronautics And Space Administration Reservation in the northeast corner of map 11666. The corporate limits of Bloxom has been indicated on photograph 60449 and a print of the official map is enclosed. The limits of the mainland area of Wallops Island National Aeronautics And Space Administration Reservation has been indicated on photograph 60482. The agency did not have a map showing the overall limits. Copies of prints showing the limits across four individual pieces of property are enclosed. The limits as indicated on photo. 60482 were made with the aid of personnel of NASA and by the fence around the northwesterly side of the property.

11. Other Control.

The following recoverable topographic stations were identified for location by the plot;

11665

none

11670

none

11666

BULL 1961

North Gable, Two Story

House with Twin Chimneys

11671

DINE 1961

MUST 1961

WILD 1961

12. Other Interior Features.

All roads were inspected and have been classified in accordance with Photogrammetry Instruction No. 54.

All buildings were inspected and have been indicated in accordance with Photogrammetry Instruction No. 56.

There are no airports or landing fields within the area.

13. Geographic Names.

A systematic investigation of names was not required.
There are no new names recommended for mapping.

14. Special Reports and Supplemental Data.

1 print, town of Bloxom, submitted with this report
4 prints, limits of mainland portion of NASA Reservation
across 4 individual pieces of property, submitted with
this report
Form 567, submitted with this report
Letter of Transmittal, submitted with this report

Submitted,

William M. Reynolds
William M. Reynolds
Sub-unit Photo. Party 720

MAP T-11666..... PROJECT NO. Ph 5907..... SCALE OF MAP 1:10,000.....

SCALE FACTOR

[illegible]

1 FT. = 3048006 METER
COMPUTED BY:

DATE Feb 1962

CHECKED BY:

DATE:

COMM-DC-57843

3/20/62

COMPILATION REPORT
T-11666

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11680

31. DELINEATION

The graphic method was used.

The manuscript was delineated from both 1959 9-lens photography and 1962 single-lens photography. The single-lens photographs cover the eastern portion of the manuscript and were used as far as coverage permitted. The 9-lens photographs were used beyond the 1962 photography coverage. The scale of the photographs ranged from fair to good.

Field inspection was generally adequate.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

Four maps of the National Aeronautics and Space Administration's Installation were submitted by the field party. However, because the classification of the manuscript has been changed from planimetric to shoreline, this reservation boundary has been omitted.

34. CONTOURS AND DRAINAGE

Inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

A few piers and a ferry slip which is now abandoned were indicated by the field inspection in Assawaman Creek. These have been delineated and labelled accordingly. Low water lines were generally delineated from office interpretation of the photographs. The mean high water line of the outer shore has been corrected according to June 1962 field edit. The shoreline inspection was adequate.

36. OFFSHORE DETAILS

Several oyster bars in Woman's Bay have been delineated according to field inspection and office interpretation of the photographs.

37. LANDMARKS AND AIDS

No landmarks were recommended for charting.

All aids have been reported on forms 567 submitted under the dates of May 29, 1962 and July 2, 1962.

38. CONTROL FOR FUTURE SURVEYS

See Item 49 for two topographic stations which are listed therein. A form 524 has been submitted for one of these. The other is a natural object.

39. JUNCTIONS

A satisfactory junction has been made with T-11667 on the east and T-11671 on the south. No contemporary survey exists on the north or west.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement required.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with AMS MAPPSVILLE quadrangle, scale 1:25,000 copied ^{in 1947} from USC&GS map of 1942. The most outstanding discrepancies noted are as follows: Considerable change has occurred at Assawaman Inlet. Minor construction and dredging of a boat basin in Assawaman Creek have made minor changes there. A large boat slip has been dredged for the National Aeronautics and Space Administration reservation off Hog Creek. A marsh island has built up between Oyster Bay and Woman's Bay. Assawaman Creek Cutoff has been dredged through the marsh. Numerous other small changes have occurred in the marsh.

11.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart No. 1221, scale 1:80,000, 9th Edition, March 12, 1962.

The map listed under Item 46 is probably the source of topography for the chart and the same differences exist. The cable crossing at Assawaman Inlet no longer exists.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

V. P. Cackowski

V. P. Cackowski
Carto Technician (Photo)

APPROVED AND FORWARDED 21 JAN 1963

V. Ralph Sobierlaski

V. Ralph Sobierlaski
Tampa District Officer

June 22, 1972

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH- 5907 (Virginia)

T-11666

Arbuckle Creek
Arbuckle Neck
Assawoman Creek
Assawoman Inlet
Assawoman Island
Atlantic Ocean
Egg Marsh
Hog Creek
Hog Neck Creek
Houseboat Creek
Mud Narrows
Northam Narrows
Oyster Bay
Womans Bay

Approved:

A. J. Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

T-11666

49. NOTES FOR THE HYDROGRAPHER

Two recoverable topographic stations are within the limits of this manuscript. The are:

BULL 1961

N. GABLE, WHITE 2 STORY HOUSE WITH TWIN CHIMNEYS, 1961.

There are no landmarks. The Assawaman Creek Cutoff Lights 2, 4 and 6 were verified on the April 1962 photography. The other aids to navigation were located from the 1961 field inspection.

FORM 182 (3-61)		PHOTOGRAMMETRIC OFFICE REVIEW		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
		T-11666			
1. PROJECTION AND GRIDS RRW		2. TITLE RRW 4a Classification label <u>Unclassified</u>		3. MANUSCRIPT NUMBERS RRW	4. MANUSCRIPT SIZE RRW
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY RRW		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) RRW		
	7. PHOTO HYDRO STATIONS XX	8. BENCH MARKS XX	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC PLOT REPORT MMS	
	11. DETAIL POINTS XX				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE RRW	13. LOW-WATER LINE RRW	14. ROCKS, SHOALS, ETC. RRW	15. BRIDGES XXX	
	16. AIDS TO NAVIGATION RRW	17. LANDMARKS XX	18. OTHER ALONGSHORE PHYSICAL FEATURES RRW		
	19. OTHER ALONGSHORE CULTURAL FEATURES RRW				
PHYSICAL FEATURES	20. WATER FEATURES RRW		21. NATURAL GROUND COVER RRW		
	22. PLANETABLE CONTOURS XX		23. STEREOSCOPIC INSTRUMENT CONTOURS XX		
	24. CONTOURS IN GENERAL XX		25. SPOT ELEVATIONS XX		
	26. OTHER PHYSICAL FEATURES RRW				
CULTURAL FEATURES	27. ROADS RRW	28. BUILDINGS RRW	29. RAILROADS XX		
	30. OTHER CULTURAL FEATURES RRW				
BOUNDARIES	31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX		
MISCEL- LANEOUS	33. GEOGRAPHIC NAMES RRW			34. JUNCTIONS RRW	
	35. LEGIBILITY OF THE MANUSCRIPT RRW	36. DISCREPANCY OVERLAY XX		37. DESCRIPTIVE REPORT RRW	
	38. FIELD INSPECTION PHOTOGRAPHS RRW		39. FORMS RRW		
	SIGNATURE OF REVIEWER <i>Robert R. Wagner</i> Robert R. Wagner		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>Milton M. Slavney</i> Milton M. Slavney		
40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT - Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.					
SIGNATURE OF COMPILER <i>V. P. Cackowski</i> V. P. Cackowski		SIGNATURE OF SUPERVISOR <i>Milton M. Slavney</i> Milton M. Slavney			

FIELD EDIT REPORT

The field edit was done by Wm. M. Reynolds in June 1962. Revisions, consisting of shoreline changes made by the storm of March 1962, additions and deletions were shown on the Field Edit ozalid "Discrepancy Print".

No Field Edit Report has been received.

U. S. COAST AND GEODETIC SURVEY

STRIKE OUT ONE

Accomac, Virginia

18 Oct. 1961

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

The positions given have been checked after listing by

	POSITION
Waiter for final position.	For

Joseph K. Wilson
William M. Reynolds
Chief of Party.

[illegible]

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

STRIKE OUT TWO

Tampa District Office July 2, 1962

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

The positions given have been checked after listing by

V. P. Cackowski

fev-	V. Ralph Sobieralski	Chief of Party.
------	----------------------	-----------------

for - V. Ralph Sobieralski

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. 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.

◆ TABULATE SECONDS AND METERS

Nautical Chart Branch

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

5 of 7

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REMOVED
TO BE DELETED

STRIKE OUT TWO

19 62

Tampa District Office

I recommend that the following objects which have *(date/1962)* been inspected from seaward to determine their value as landmarks be charted on *(date/1962)* the charts indicated.

The positions given have been checked after listing by

M. M. Slavney
M. M. Slavney

V. Ralph Sobieralski
V. Ralph Sobieralski
Chief of Party

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE		LONGITUDE									
				D. M. METERS	D. P. METERS	D. M. METERS	D. P. METERS	D. M. METERS	D. P. METERS						
VIRGINIA		VIRGINIA INSIDE PASSAGE													
		CHINCOTEAGUE INLET TO METOMKIN BAY													
DAYBN 21		"		37 50	13.20 407	75 30	33.78 826	N.A. Rad. Plot 1927 T-11888	10/10/61	X			1221 -		
DAYBN 22		"		37 49	59.26 1827	75 30	31.12 761	"	"	X			"		
DAYBN 24		"		37 49	18.88 1507	75 30	35.08 858	"	"	X			" -		
DAYBN 25		"		37 49	12.59 1313	75 30	11.54 1016	"	"	X			" -		
DAYBN 27		"		37 49	26.78 1134	75 30	53.69 1313	"	"	X			"		
		ASSAWAMAN INLET													
		ASSAWAMAN CREEK CUTOFF													
LIGHT 2		CHANNEL		37 50	12.97 100	75 30	02.82 89	"	4/28/62	X			" - OK		
LIGHT 4		"		37 50	11.40 1114	75 30	26.91 698	"	"	X			" -		
LIGHT 6		"		37 50	15.86 189	75 30	51.41 1257	"	"	X			" -		
		ASSAWAMAN CREEK													
DAYBN 9		"		37 50	19.23 593	75 31	17.95 439	"	10/10/61	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. Revisions shall show both the old and new positions. 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.

REVIEW REPORT T-11666

SHORELINE

July 26, 1973

61. GENERAL STATEMENT

See Summary on page 6 of this Descriptive Report.

An ozalid comparison print, showing differences noted in Items 62 and 65, is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

A comparison was made with Survey T-8167, scale 1:20,000, dated 1942. Shoreline compared was mostly in marsh areas. Numerous changes noted in the shoreline--differences in stream widths and also shifts in location--were shown in blue on the comparison print. These differences were attributed to storm action and better mapping techniques.

T-11666 supersedes previous topographic surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with AMS SHEET 5859 I SE, MAPPSVILLE, VIRGINIA, scale 1:25,000, printed in 1948. This map is a copy of C&GS Map T-8167; therefore, differences are the same as noted in Item 62.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

No contemporary hydrographic surveys were available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS

A visual comparison was made with Chart 1221, scale 1:80,000, 16th edition, dated September 11, 1971. The chart scale was not adequate for a meaningful shoreline comparison. The fixed aids to navigation on T-11666 do not agree with aids on Chart 1221 in name and in some cases, in position. Names and positions of aids on T-11666 are as they were at the time of field edit in 1962.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

The Photogrammetric Plot Report, which usually states the accuracy of control used for compilation, was not available for final review and no accuracy statement was made in the Compilation Report. No accuracy test was run in the field. However, there is no reason to believe that accuracy was sub-standard. It is believed that this map is adequate for photo-hydro support and construction of nautical charts.

Reviewed by:

Charles H. Bishop

Charles H. Bishop
Cartographer

Approved for forwarding:

Melvin J. Umbach
Melvin J. Umbach, CDR, NOAA
Chief, Coastal Mapping Division, AMC

Approved:

Alfred C. Holmes
Alfred C. Holmes, RADM, NOAA
Director, Atlantic Marine Center

Approved:

W. R. ... *J. ...*
Chief, Photogrammetric Branch Chief, Coastal Mapping Division

COMPARISON PRINT

Blue = T-8167 and AMS
MAPPSVILLE, VA.

32'30"

x=2,855,000 FT.

32'

75° 31'30"

37°52'30"

52'

mud

T-11666
1:10,000

COMPARISON PRINT


Blue = T-8167 and AMS
MAPPSVILLE, VA.

 $x = 2,860,000$ FT. 31'

30'30"

 $x = 2,865,000$ FT.

75°30'00"

37°52'30"
 $y = 575,000$ F ARBUCKLE 1949

52'

 $y = 570,000$ F

T-11666
1:10,000

75° 31' 30"

24

37° 51' 30"

60482

51'

50' 30"

COMPARISON PRINT.

Blue = T-8167 and AMS
MAPPSVILLE, VA.

ASSAWAMAN CREEK
DAYBN 9 1961

T-11666
1:10,000

75° 32'



Fy slip
80 (Aband)
50 Piling

ASSAWAMAN

COMPARISON PRINT

Blue = T-8167 and AMS
 MAPPSVILLE, VA.
 Red = Chart 1221

NORTH GABLE, WHITE 2 STORY HOUSE
 WITH TWIN CHIMNEYS, 1961

51'

y = 565.00

Oyster Bay

mud flats

50'30"

Womans Bay

mud flats

oyster bars

ASSAWAMAN CREEK CUTOFF

LT 4 1962

ASSAWAMAN CREEK

CUTOFF LT 2 1962

T-11666

1:10,000

oyster bars

CHINCOTEAGUE INLET TO
 METOMKIN BAY DAYBN 21 1961

CREEK

ASSAWAMAN CREEK
 CUTOFF LT 6 1962

Spoil

27

26

24

4-29

4

COMPARISON PRINT

Blue = T-8167 and AMS
MAPPSVILLE, VA.
Red = Chart 1221

60481

37° 50'

Floods at extra

BARNES 1909

BLOXAIS HOUSE
SOUTH CHIMNEY
1909

Hog Neck Creek

CHINCOTEAGUE INLET
TO METOMKIN BAY
DAYBN 29 1961

37

KEGOTANK BAY HOUSE WITH GALLERIES
EAST OF BAY SOUTH CHIMNEY. 1909

Northam Narrows

37° 49'

Δ40

Δ38

Egg
Marsh

T-11666
1:10000

27

y=560.00

50'

mud flats

Mud Narrows

DAYBN 22 1962

30

32

DAYBN 24 1961

M

COMPARISON PRINT

Blue = T-8167 and AMS
MAPPSVILLE, VA.
Red = Chart 1221

DAYBN 25 1961

mud

Δ35

Δ33

Spoil

Spoil

Spoil

DAYBN 28 1961

62-W-3839

49°30"

mud

ASSAWOMAN INLET

shallow

Hog Creek

Shoreline subject to frequent changes

BULL (1961) 1962

FLAT 1962

49'

Houseboat Creek

ASSAWOMAN ISLAND

60524

ATLANTIC OCEAN

T-11666
1:10000

37°48'

62-W-3838

0.000 FT.

31'

30°30"

x=2.865,000 FT.

75°30'00"