

T-11686

T-11686

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No. <u>CLASS II</u>	Office No. <u>T-11686</u>
LOCALITY	
State	VIRGINIA
General locality	HOG ISLAND BAY
Locality	UPSHUR NECK TO
FOWLING POINT	
<u>1959-61</u>	
CHIEF OF PARTY	
Elgan T. Jenkins, Field Party 726	
V. Ralph Sobieralski, Tampa District Office	
<del>Alfred O. Holmes, Director, AMO</del>	
LIBRARY & ARCHIVES	
DATE	JUL 1975

## DESCRIPTIVE REPORT - DATA RECORD

T- 11686

PROJECT NO. (II):

PH-5907 (21021)

FIELD OFFICE (II):

Accomac, Virginia

CHIEF OF PARTY

Elgan T. Jenkins

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: December 28, 1960  
Office Amendment 1: August 10, 1961  
Office Amendment 2: September 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):

OCT 9 1961

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):

FOWLING 2, 1910

LAT.:

37°26'36.212" (1116.4m.)

LONG.:

75°48'36.888" (906.8m)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

= 415,276.40 Ft.

x = 2,780,782.38 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): <b>E. T. Jenkins</b>		DATE: <b>Apr. 1961</b>
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): <b>Air photo compilation</b> <b>Date of photography: Oct. 13, 1959</b>		
PROJECTION AND GRIDS RULED BY (IV): <b>A. Riley</b>		DATE <b>Jan. 1962</b>
PROJECTION AND GRIDS CHECKED BY (IV): <b>I. Y. Fitzgerald</b>		DATE <b>Jan. 1962</b>
CONTROL PLOTTED BY (III): <b>V. P. Cackowski</b>		DATE <b>Jan. 1962</b>
CONTROL CHECKED BY (III): <b>R. R. Wagner</b>		DATE <b>Jan. 1962</b>
RADIAL PLOT OR STEREOSCOPE CONTROL EXTENSION BY (III): <b>R. R. Wagner</b>		DATE <b>Apr. 1962</b>
STEREOSCOPIC INSTRUMENT COMPILATION (III): <b>Inapplicable</b>	PLANIMETRY	DATE
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): <b>R. Dossett</b> " " <b>Reviewed by: W. H. Shearouse</b>		DATE <b>May 1962</b> <b>May 1962</b>
SCRIBING BY (III): <b>R. J. Pate</b> " <b>Reviewed by : W. H. Shearouse</b>		DATE <b>Feb. 1963</b> <b>Mar. 1963</b>
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): <b>W. H. Shearouse</b>		DATE <b>Apr. 1963</b>
REMARKS:		

FORM C&GS-181c  
(12-61)U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

C&amp;GS Nine-lens

## PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60566	10-13-59	1137	1:10,000	0.1 ft above MLW
60567	"	1138	"	" " "
60578	"	1145	"	" " "
60579	"	1146	"	" " "

Predicted TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Sandy Hook		4.6	5.6
SUBORDINATE STATION: Upshur Neck, south end	HW -0.2 LW 0.0	4.4	5.3
SUBORDINATE STATION:			

Atlantic Marine Center  
REVIEW BY (IV):

C. H. Bishop

DATE:

Nov. 1973

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

5

RECOVERED:

2

IDENTIFIED:

1

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

1

RECOVERED:

1

IDENTIFIED:

1

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

3

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

0

REMARKS:



COMPILATION RECORD

COMPLETION DATE

REMARKS

Manuscript complete pending field edit	July 1962	Superseded
Final review	Nov. 1973	

PH-5907

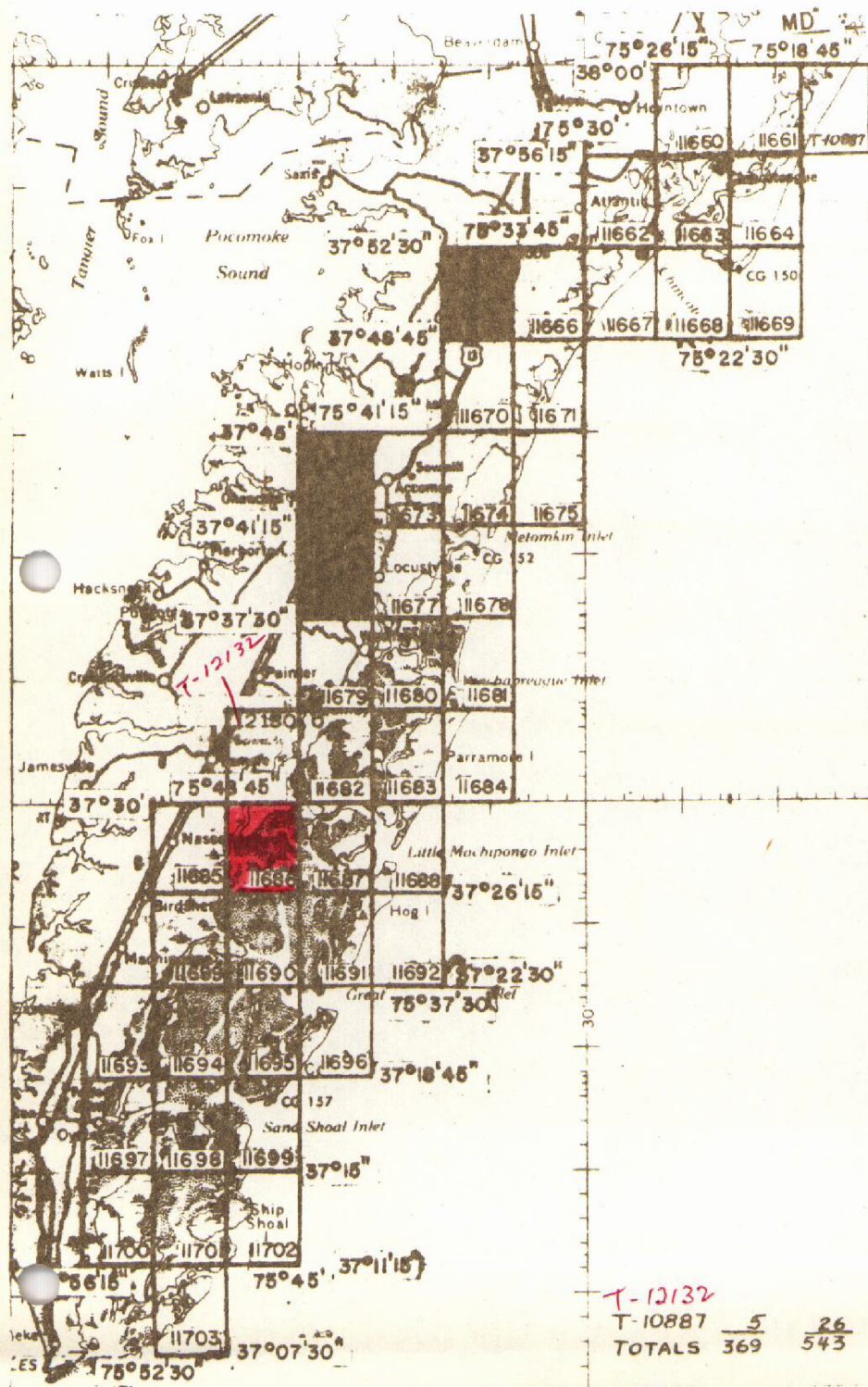
5

## CAPE CHARLES TO ASSATEAGUE, VA

Planimetric Mapping Scale 1:10,000

OFFICIAL MILEAGE  
FOR COST ACCOUNTS

Sheet No.	Area Sq. Mi.	Lin. Mi. Shoreline
11660	6	10
11661	6	15
11662	13	19
11663	7	23
11664	8	16
<del>11665</del>	<del>17</del>	<del>0</del>
11666	16	8
11667	7	8
11668	1	1
11669	1	4
11670	16	1
11671	8	15
<del>11672</del>	<del>17</del>	<del>0</del>
11673	16	5
11674	8	16
11675	1	4
<del>11676</del>	<del>16</del>	<del>0</del>
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	19
11696	4	9
11697	11	20
11698	6	16
11699	4	13
11700	8	16
11701	8	14
11702	4	11
11703	6	23
TOTALS		369 543



11-9-61

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-11686

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 on page 5 indicates the location of this map in the project.

Field inspection prior to compilation was done in April, 1961.

Compilation was from 9-lens photographs taken in October, 1959. Control was based on a radial plot, using the 9-lens photographs. The Photogrammetric Plot Report was not available at the time of final review and is not bound with this Descriptive Report.

Field edit of this map was not accomplished.

Final review was done at the Atlantic Marine Center in November, 1973.

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 have been forwarded for record and registry.

7

FIELD INSPECTION REPORT  
FOR MAPS 11682 THROUGH 11688  
PROJECT 5907, VIRGINIA

2. AREAL FIELD INSPECTION-

The area covered by the seven maps, with the exception of map 11685, is composed mostly of mud flats that are bare or nearly so at mean low water. This mud area is very soft and will not afford footing for any type of travel at low water. Some of these mud areas have insufficient water, even at high tide, to support skiffs drawing more than two feet of water.

At high water these areas are large shallow areas of water that can become very choppy with strong winds. There are scattered shell piles throughout the areas that makes small boat travel very hazardous to anyone crossing these areas at high water.

The outer shore of Hog and Parramore Islands is sand that held its position well during hurricane Donna of September, 1960. Numerous measurements were made from fixed objects to the present shoreline to determine the shoreline delineation on the photographs.

The quality of the photography is good. Most single pile structures can be identified on the nine lens photographs. It is believed that enough photographic tones have been labeled to clarify all tones for the compilers.

3. HORIZONTAL CONTROL-

All stations, indicated on the Project Diagram, have been searched for. Those that were desired to be identified were all recovered and identified except CHIMNEY, NORTHEAST GABLE OF SHACK, 1934. This station is destroyed and was replaced with topographic station CUTE, 1961. CUTE, 1961 will furnish control if desired as a fix was observed from it as well as it was referenced to a photograph point.

The following stations are lost or destroyed and reported on Form 526;

DRAW, 1933

Great Machipongo River Bl. Beacon No. 3, 1934

Great Machipongo River Red Beacon No. 2, 1934

Great Machipongo River Channel Lt., 1933

CUNJER CHANNEL LIGHT, 1937

SLOOP, 1910

Little Machipongo Inlet, North Inlet Light, 1933

PONGO, 1934

SOUTHWEST GABLE OF OLD TWO STORY HOUSE, 1934

Revels Island, West Gable Chimney, 1934

LITTLE MACHIPONGO INLET, COAST GUARD TOWER, 1937

CHIMNEY, NORTHEAST GABLE OF SHACK, 1934

4. VERTICAL CONTROL-

Tidal bench mark 1, map 11686 was recovered and identified.

The following bench marks are lost;

Tidal bench marks 1, 2 and 3 all of 1947, Revel Creek, Little Machipongo Inlet, Lat. 37-29.8 and Long. 75-41.0

Tidal bench mark 3, 1914, Little Beach Cove, Little Powder Tub Creek, Parramore Island, Lat. 37-31.9 and Long. 75-39.8

5. CONTOURS AND DRAINAGE-

Drainage consists of small streams and ditches. Those that were considered of sufficient size have been delineated. There are some few flat areas that will occasionally flood but there is no real swamp of importance.

6. WOODLAND COVER-

The tree areas are mostly pine with some few areas interspersed with hardwoods.

7. SHORELINE AND ALONGSHORE FEATURES.

The shoreline is mostly apparent. Very often there is a fringe of Sea Oars or Sea Oats sometimes fifty or more feet in width at the offshore edge of the marsh. This type of grass may reach a height of three to four feet during the summer and fall months and then be killed out during the winter season.

This can cause the apparent shoreline to change with the seasons. However as the grass is growing in these areas most of the year, the apparent shoreline was delineated along the outer edges of it.

There is a submerged telephone cable between the islands of Parramore and Hog. The approximate underwater position of this cable has been delineated on the photographs. This position could be several hundred feet in error as the position was determined by verbal information from the Hog Island Coast Guard Personnel.

### 8. OFFSHORE FEATURES-

There are no offshore features of any size. There are thousands of small stakes scattered over the mud flats that mark either some small channel or beds of oysters.

### 9. LANDMARKS AND AIDS-

Landmarks and aids are reported on Form 567. The black and white prints of the color photography were field inspected to verify or correct the office identification of the aids to navigation. Fixed aids not identified on the photographs have been located using ground survey methods.

### 10. BOUNDARIES, MONUMENTS AND LINES-

The corporate limits of Nassawadox, Virginia have been delineated on single lens ratio print 59W 9297 as far as possible to do so. Some of the southern boundary will need to be projected from an enclosed plat.

An enclosed map of Accomac County will show the mapped position of the line between Accomac and Northampton Counties. Information from the County Court Clerks of these two counties failed to reveal any information concerning a legal description. The division line was established in 1663 and any legal action concerning it has probably been lost in the files of three hundred years. The county court clerks advise that the best place to obtain such information is with the Virginia Department of Highways.



A branch office of this department was visited at Accomac, Virginia. Information obtained from this branch office indicates that their maps are compiled from old federal maps and records. It appears as no one is positive as to just where this line is. The Virginia Highway Department position their highway county line markers by a scaled distance from a map, of the enclosed type. There is a possibility that there is a description of this line somewhere in the files of the Northampton Court House, but no more investigations will be made unless instructed to do so.

#### 11. OTHER CONTROL-

Three previously marked topographic stations were searched for but not found. This information is reported on Forms 524.

The following is a list of new topographic stations established.

BOSS	HANG	GABE
BOOM	GONE	GOUT
BUNT	MORE	WIND
DUNE	GRAY	HELP
HAND	CUTE	HURT
CUPOLA	RUIN	SHED

#### 12. OTHER INTERIOR FEATURES-

All roads and buildings have been inspected and classified according to current instructions.

There are no bridges or cable clearances required.

#### 13. GEOGRAPHIC NAMES-

No systematic investigation was made and no errors found in the geographic names.

#### 14. SPECIAL REPORTS AND SUPPLEMENTAL DATA-

The following map and plat is enclosed;

Accomac County Map

Nassawadox Corporate Limits.

No changes are recommended for the Coast Pilot.

11  
(5)

It is not believed that notes to the compiler would be of any aid in the compilation.

The field photographs and all other data for the compilation of these maps are being transmitted by transmittal letter 62-1J dated 28th July, 1961

Respectfully submitted,  
July 28, 1961

*Elgan T. Jenkins*  
Elgan T. Jenkins  
Chief of Party 726





COMPILATION REPORT T-11686

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11688

31. DELINEATION

The graphic method was used.

The photographs were of reasonably good scale, 60579 having the best scale. Field inspection was adequate.

32. CONTROL

See photogrammetric plot report

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage has been delineated as shown on the photographs and consists principally of marsh streams to the river and bay.

35. SHORELINE AND ALONGSHORE DETAILS

Mean high-water line and alongshore structures have been shown in accordance with field inspection notes. Low-water and shoal lines were delineated from office interpretation of the photographs with the assistance of scattered field notes. The inspection was satisfactory.

36. OFFSHORE DETAILS

No offshore structures were indicated by the field inspection. There are, however, numerous mud flats and shell reefs in Hog Island Bay.

37. LANDMARKS AND AIDS

No landmarks were recommended.

Form 567 for Nonfloating Aids was submitted to the Washington Office under date of July 24, 1962.

38. CONTROL FOR FUTURE SURVEYS

Three topographic stations are being submitted on forms 524. These are listed under item 49.

39. JUNCTIONS

A junction has been made with T-11685 on the west, T-11687 on the east, T-11690 on the south and T-12130 on the north.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with Army Map Service quadrangle NASSAWADOX, scale 1:25,000, compiled in 1947.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with nautical chart 1221, scale 1:80,000, 8th edition, revised to October 28, 1961. Comparison was favorable.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

*Rudolph Dossett by*  
Rudolph Dossett *RPW*  
Carto Photo Aid

APPROVED AND FORWARDED - 4 OCT 1963

*V. Ralph Sobieralski*  
V. Ralph Sobieralski  
Tampa District Officer

June 22, 1972

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-5907 (Virginia)

T-11686

Cedar Point

Fowling Point

Great Machipongo Channel

Greens Creek

Hog Island Bay

Machipongo River

North Channel

Upshur Neck

Approved:

A. J. Wraight  
A. Joseph Wraight  
Chief Geographer

Prepared by:

Frank W. Pickett  
Frank W. Pickett  
Cartographic Technician

49. NOTES FOR THE HYDROGRAPHER

The following is a list of topographic stations that may be of use to the hydrographer:

GRAY 1961

WIND 1961 (S.E.Gable)

HELP 1961

FORM 182 (3-61)		PHOTOGRAMMETRIC OFFICE REVIEW T- 11686		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
50.					
1. PROJECTION AND GRIDS WHS	2. TITLE WHS			3. MANUSCRIPT NUMBERS WHS	4. MANUSCRIPT SIZE WHS
		4a. Classification <u>Unclassified</u>			
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY WHS		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) WHS		
	7. PHOTO HYDRO STATIONS XX	8. BENCH MARKS WHS	9. PLOTTING OF SEXTANT FIXES WHS	10. PHOTOGRAMMETRIC PLOT REPORT MMS	
	11. DETAIL POINTS WHS				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE WHS	13. LOW-WATER LINE WHS	14. ROCKS, SHOALS, ETC. WHS	15. BRIDGES XX	
	16. AIDS TO NAVIGATION WHS	17. LANDMARKS XX	18. OTHER ALONGSHORE PHYSICAL FEATURES WHS		
	19. OTHER ALONGSHORE CULTURAL FEATURES WHS				
PHYSICAL FEATURES	20. WATER FEATURES WHS		21. NATURAL GROUND COVER WHS		
	22. PLANETABLE CONTOURS XX		23. STEREOSCOPIC INSTRUMENT CONTOURS XX		
	24. CONTOURS IN GENERAL XX		25. SPOT ELEVATIONS XX		
	26. OTHER PHYSICAL FEATURES WHS				
CULTURAL FEATURES	27. ROADS WHS	28. BUILDINGS WHS	29. RAILROADS XX		
	30. OTHER CULTURAL FEATURES WHS				
BOUNDARIES	31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX		
MISCEL- LANEOUS	33. GEOGRAPHIC NAMES WHS		34. JUNCTIONS WHS		
	35. LEGIBILITY OF THE MANUSCRIPT WHS	36. DISCREPANCY OVERLAY XX		37. DESCRIPTIVE REPORT WHS	
	38. FIELD INSPECTION PHOTOGRAPHS WHS		39. FORMS WHS		
	SIGNATURE OF REVIEWER <i>William H. Shearouse</i> William H. Shearouse		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>Milton M. Slattery</i> Milton M. Slattery, WHS		
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			SIGNATURE OF SUPERVISOR		

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 25353-P61

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

STRIKE OUT TWO

## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Tampa District Office July 24 19 62

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

The positions given have been checked after listing by W. H. ShearouseV. Ralph Sobieralski  
V. Ralph Sobieralski Chief of Party

STATE			VIRGINIA			POSITION										METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	MESSAGE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE		LONGITUDE		DATUM														
			°	'	°	'															
	LITTLE MACHIPONGO INLET																				
LIGHT	- ENTRANCE		37	27	18.819	75	40	N.A. 15.170	1927					Triang. T-11688	July 25 1961**	X		1221 - OK			
	(Hog Island Lt. Bn. 1959)																				
LIGHT	- NORTH ENTRANCE		37	28	12.806	75	40	01.305	"					"	Apr. 28 1961***	X		1221 - OK			
	(Parramore Island Lt. Bn. 1959)																				
LIGHT 1	LITTLE MACHIPONGO CHANNEL		37	29	09.498	75	40	54.391	"					"	"	X		" - Moved			
	(Sandy Island Channel Lt. Bn. 1, 1959)																				
LIGHT	NORTH INLET		37	27	02.11	75	42	41.09	"					Photo Plot T-11687	Apr. * 1961	X		" - Moved			
	GREAT MACHIPONGO INLET																				
	GREAT MACHIPONGO CHANNEL																				
LIGHT 3	" " "		37	26	16.80	75	46	06.26	"					Photo Plot T-11686	"	X		" - OK			
	" " "																				
LIGHT 6	" " "		37	27	18.26	75	46	34.42	"					"	"	X		" - Moved			
	" " "																				
LIGHT 7	" " "		37	27	15.12	75	47	11.39	"					"	"	X		" - Moved			
	" " "																				
LIGHT 10	" " "		37	27	1391	75	48	23.97	"					"	"	X		" - Moved			
	" " "																				
	" " "		37	27	50.00	75	48	589	"					"	"	X		" - OK			
	" " "																				

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

C. G. 10/1/62



## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

**STRIKE OUT TWO**

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

I recommend that the following objects which have ~~(22453-3163)~~ been inspected from seaward to determine their value as landmarks be ~~(22453-3163)~~ reported on ~~(22453-3163)~~ the charts indicated.

The positions given have been checked after listing by

**W. H. Shearouse**

July 24

1

62

V. Ralph Sobieralski Chief of Party

[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 charred 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  
Copy sent CC 10/4/67 And

## REVIEW REPORT T-11686

## SHORELINE

November 15, 1973

61. GENERAL STATEMENT

See Summary on page 6 of this Descriptive Report.

An ozalid comparison print, showing differences noted in Par. 62 and 63, is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

A comparison was made with Survey T-8174, 1:20,000 scale, dated 1943. Significant differences were shown in blue on the comparison print.

T-11686 supersedes previous topographic surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with AMS SHEET 5858 IV NE, NASSAWADOX, VA, scale 1:25,000; dated 1947. T-8174 was the origin of this map and differences noted were the same.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

No contemporary hydrographic surveys were available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Chart 1221, scale 1:80,000, 16th edition, dated Sept. 11, 1971. No significant shoreline differences were noted. Names and numbers of fixed aids to navigation have been changed and some have been added. They are shown on T-11686 as they existed at the time of field inspection in April, 1961.

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. However, there is no reason to believe that accuracy is substandard.

Reviewed by:

*Charles H. Bishop*

Charles H. Bishop  
Cartographer

Approved for forwarding:

*J. G. Carlen*

Jeffrey G. Carlen, CDR, NOAA  
Chief, Coastal Mapping Division, AMC

Approved:

*Alfred C. Holmes*

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

Approved:

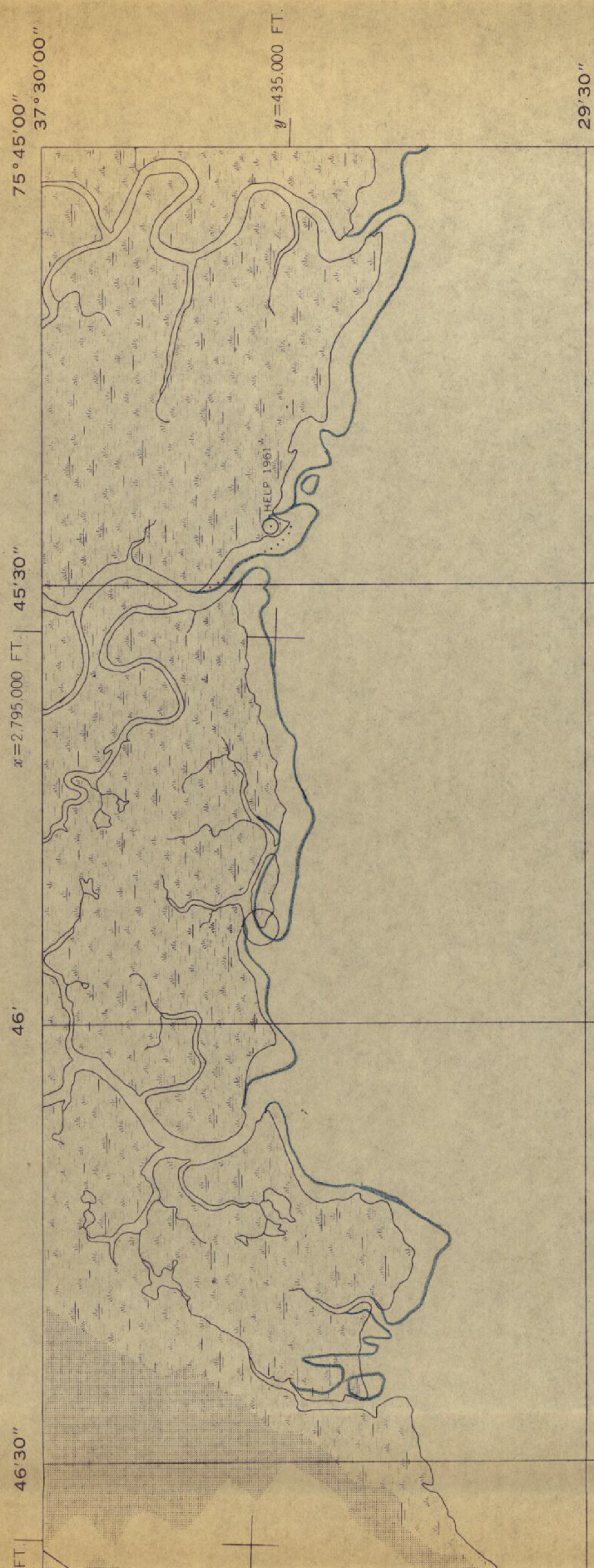
*A. K. Ryzerson*

Chief, Photogrammetric Branch

*James G. Allen*

Chief, Coastal Mapping Division



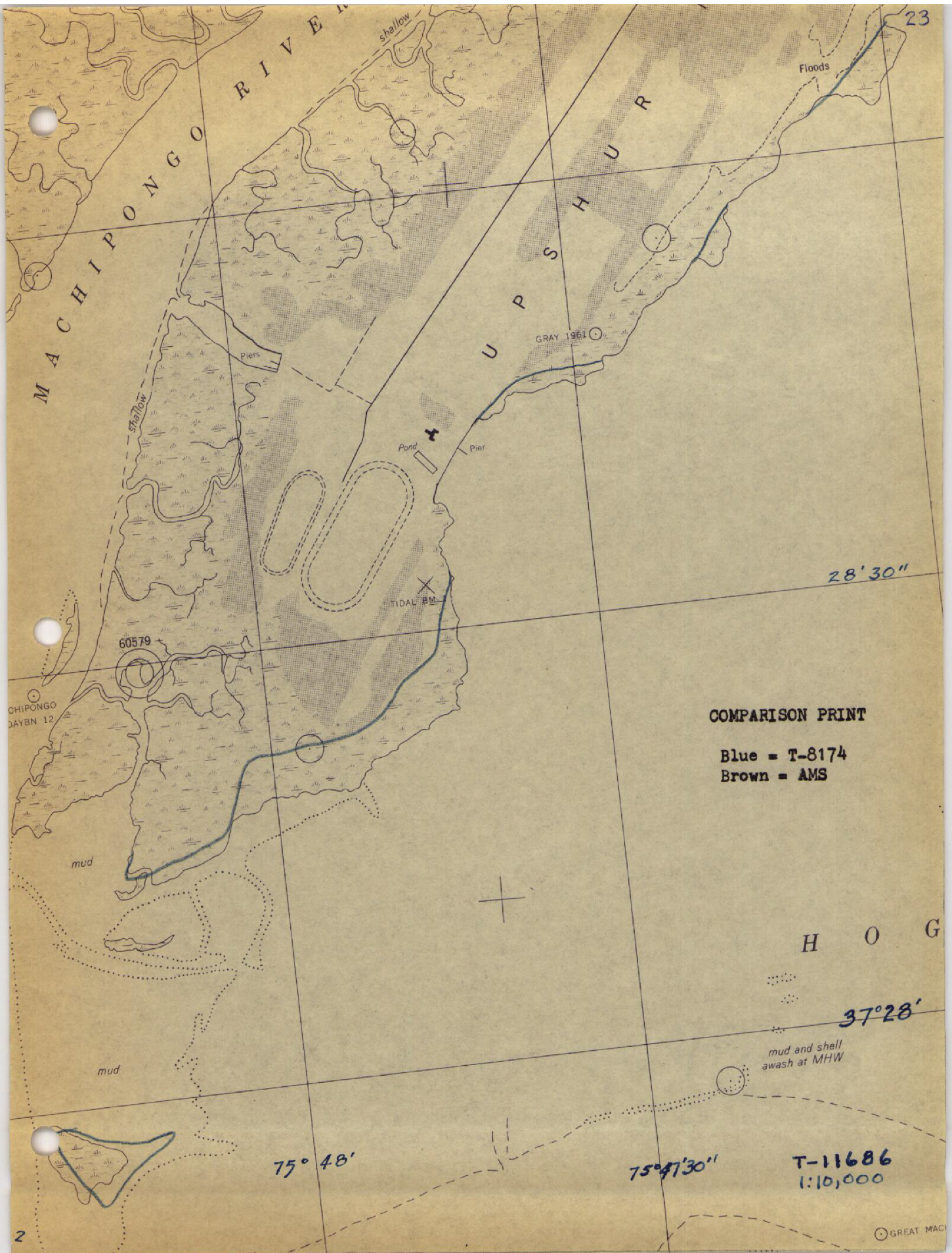


## COMPARISON PRINT

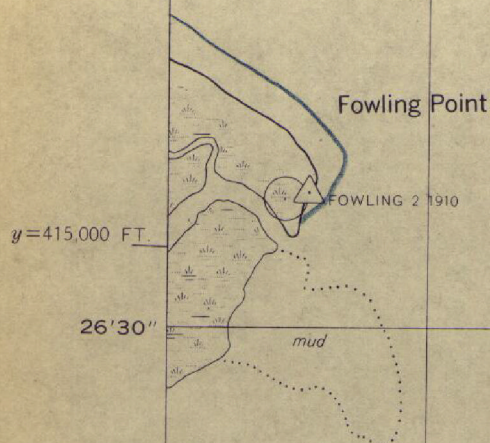
Blue = T-8174  
Brown = AMS

T- 11686  
1:10,000





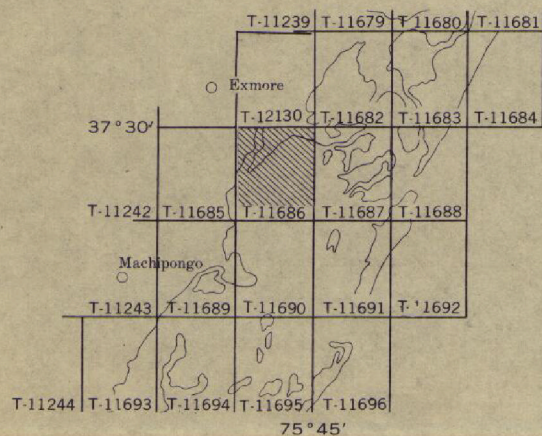




COMPARISON PRINT

Blue = T-8174  
Brown = AMS

INDEX TO ADJOINING SHEETS  
PROJECT-5907



## Class II Map

This map is based on requirements for National Geographic Society. It is subject to final review. Landmarks investigated during field

T-11686  
1:10,000