

T-11681

T-11681

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-11681
Field edited map	
LOCALITY	
State	VIRGINIA
General locality	ACCOMACK COUNTY
Locality	WACHAPREAGUE INLET
19 59-62	
CHIEF OF PARTY	
Joseph K. Wilson, Chief of Field Party	
V. Ralph Sobieralski, Tampa District Officer	
<del>Alfred C. Holmes, Director, AMC</del>	
LIBRARY & ARCHIVES	
DATE	JUL 1975

## DESCRIPTIVE REPORT - DATA RECORD

T -11681

PROJECT NO. (II): PH-5907		
FIELD OFFICE (II): Accomac, Virginia		CHIEF OF PARTY J. K. Wilson
PHOTOGRAMMETRIC OFFICE (III): Tampa District Office		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):
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 <del>MEAN-SEA-LEVEL</del> 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): TULL 1962		
LAT.: 37°34'33.497" (1032.7 m.)	LONG.: 75°36'01.159" (28.4 m.)	<input type="checkbox"/> ADJUSTED <input checked="" type="checkbox"/> UNADJUSTED
PLANE COORDINATES (IV): Y = X =		STATE Virginia ZONE 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.		

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

## DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (III):  M. A. Stewart		DATE:  September 1961
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):  Air Photo Compilation Date of photographs: October 13, 1959 April 28, 1962		
PROJECTION AND GRIDS RULED BY (IV):  A. Riley		DATE  January 1962
PROJECTION AND GRIDS CHECKED BY (IV):  A. Riley		DATE  March 1962
CONTROL PLOTTED BY (III):  V. P. Cackowski		DATE  March 1962
CONTROL CHECKED BY (III):  R. R. Wagner		DATE  March 1962
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):  R. R. Wagner		DATE  May 1962
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY  Inapplicable	DATE
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): I. I. Saperstein & R. Dossett Reviewed by: R. R. Wagner		DATE January 1963 February 1963
SCRIBING BY (III): R. D. Purvis Reviewed by: W. H. Shearouse		DATE March 1963 March 1963
PHOTOGRAMMETRIC OFFICE REVIEW BY (III):  W. H. Shearouse		DATE  May 1963
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 and Wild "W" single-lens

## PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60388	10-13-59	0933	1:10,000	0.8 ft above MLW
62-W-3869	04-28-62	1130	1:20,000	-1.7 " "
62-W-3878	"	1140	"	" " "
62-W-3879	"	1140	"	" " "
62-W-3882	"	1147	"	" " "
62-W-3883	"	1147	"	" " "

## Predicted TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: SANDY HOOK		4.6	5.6
SUBORDINATE STATION: WACHAPREAGUE INLET (inside)	HW -0.7 LW 0.0	3.9	4.7
SUBORDINATE STATION:			

Atlantic Marine Center  
~~XXXXXXXXXXXXXXXXXXXX~~VIEW BY (IV):

C. H. Bishop

DATE:  
Nov. 1973

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (III):

3

RECOVERED:

1

IDENTIFIED: 1

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

0

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 1\*

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

REMARKS:

\*Natural object, not described.



## COMPILATION RECORD

## COMPLETION DATE

## REMARKS

Alongshore area for hydro	June 1962	Superseded
Alongshore area revised from field edit	October 1962	Superseded
Interior details added Manuscript complete	February 1963	Superseded
Final review	November 1973	

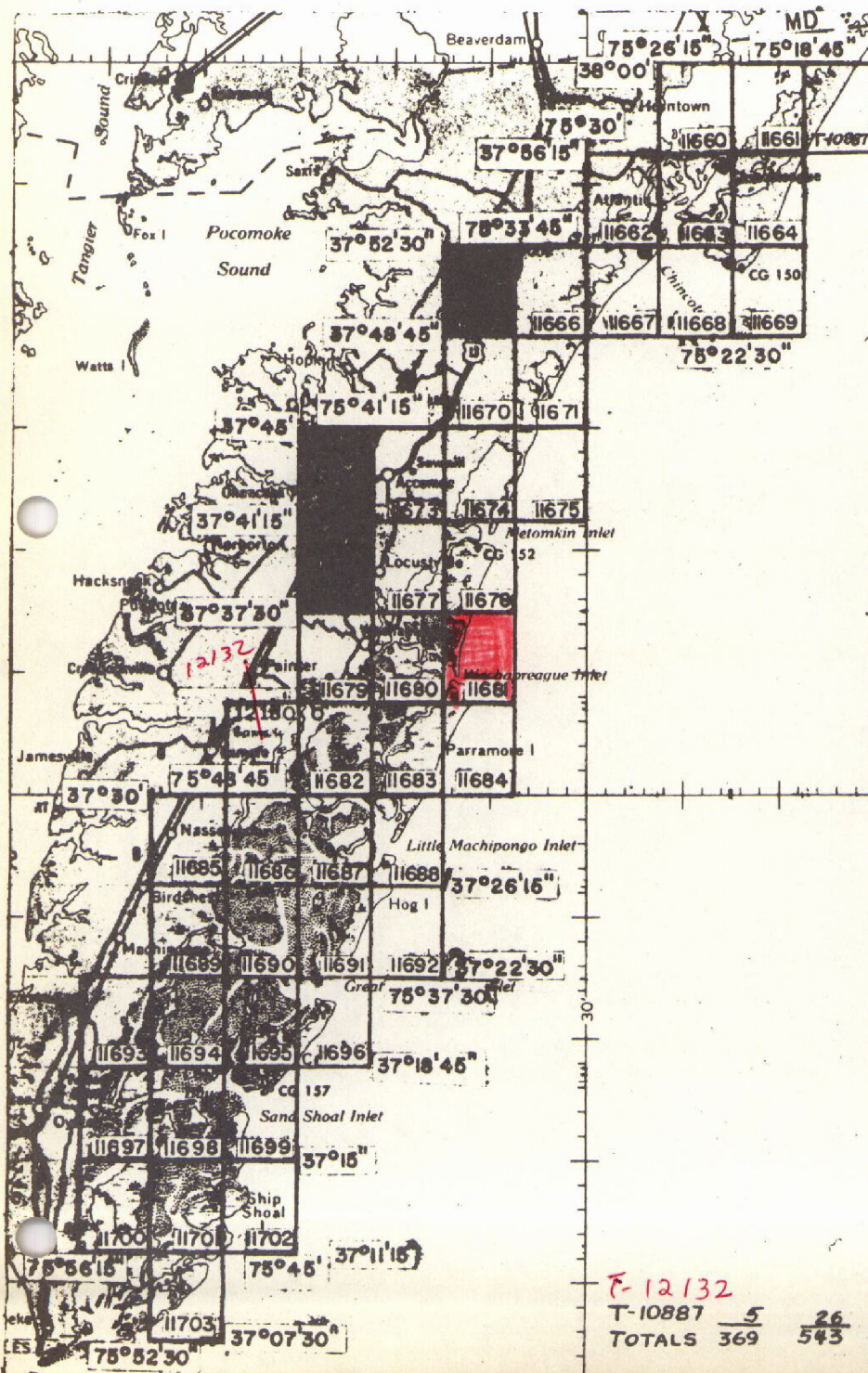
PH-5907

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
11665	17	9
11666	16	8
11667	7	8
11668	1	1
11669	1	4
11670	16	1
11671	8	15
11672	17	9
11673	16	5
11674	8	16
11675	1	4
11676	16	9
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

F-12132

T-10887 5

26 543

11-9-61

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-11681

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 September 1961 on 9-lens photographs taken in October 1959.

Compilation was done graphically, using 9-lens photographs taken in October 1959 and single lens photographs taken in April 1962 after a hurricane which occurred in March 1962. Control for compilation was established by 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 was done in October 1962.

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.

FIELD INSPECTION REPORT  
MAPS 11679, 11680 and 11681  
PROJECT PH-5907

2. Areal Field Inspection.

These maps are located along the eastern shore of Virginia, beginning just eastward of the town of Keller and continuing east to the Atlantic Ocean at Wachapreague Inlet. The mainland area is accessible by U.S. Highway 13 and various secondary roads connecting thereto. The Pennsylvania Railroad parallels U.S. 13 just west of map 11679. Wachapreague is the only settlement in the area. It is a small farming community and has no industry other than farming and small boats operating from there. Truck farming and the canning of vegetables is the most predominate industry of the mainland area. The land area of maps 11680 and 11681 consists of the large marsh and mudflats area east of Wachapreague, the north end of Parramore Island and the southern part of Cedar Island. Maps 11680 and 11681 are un-inhabited except for the Coast Guard Life Saving Station, which is located on the north end of Parramore Island. Bradford Channel, Hummock Channel and Wachapreague Channel afford outlets from the Atlantic Ocean, at Wachapreague Inlet, to the town of Wachapreague. The mud flats can be navigated at or near high water only.

Field inspection is believed complete and was performed on the following nine-lens photographs; 60388, 60469, 60470, 60533, 60534, 60571, 60573, 60574 and 60575. One single lens photograph numbered 59W9329 and 1:30,000 scale was also used for field inspection. In addition to the above, black and white prints of color photography were used to verify office identification of fixed aids to navigation. These photographs are 59W9646, 59W9650, 59W9654, 59W9657, 59W9659, 59W9662, 59W9663, 59W9664, 59W9666, 59W9667 and 59W9668. These aids were checked in the field and have been indicated on the above photographs.

The photographs were of good quality and no difficulty was encountered in their interpretation in the field. The tones varied from white, in the sand areas, to grey, in the mud flats, to black, in the areas covered with marsh.

3. Horizontal Control.

All Coast and Geodetic Survey Control Stations were searched for. The requirements for control, as indicated by the project diagram, were adequately met for these maps.



### 3. Horizontal Control Cont'd.

Sufficient stations were recovered and identified and no supplemental control was established.

Reference mark No.1 for station BRAND 1933 was identified in lieu of the station. The station was not recovered.

The following stations were reported lost;

11679	11680
NIG (V.F.C.) 1934	BRAND 1934
	BRADFORD (V.F.C.) 1934
11681	Wachapreague Inlet,
Parramore Beach, Coast	Finney Creek Light 1937
Guard Shack Chimney 1937	Wachapreague Inlet,
WYE (V.F.C.) 1933	Black Rock Reach Light
NORTH (V.F.C.) 1933	1937

### 4. Vertical Control.

There are no tidal bench marks within these maps.

### 5. Contours and Drainage.

Contours are inapplicable.

The tidal streams in the marsh areas are self-evident from the photographs. The drainage along the mainland area of map 11679 has been indicated on the photographs.

### 6. Woodland Cover.

Woodland cover was inspected and has been classified on the photographs.

### 7. Shoreline and Alongshore Features.

The mean high water line along the ocean was located by occasional measurements from identifiable photo. points. In some places, particularly around the inlets, the water has swept across the beach and no identifiable points could be found. The mean high water line was then indicated as photographed.

The apparent shoreline was inspected by skiff and has been indicated on the photographs.

The low water line was not inspected. The foreshore along the ocean is sand. There are no bluffs or cliffs.

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

Shore ends of submerged cables have been indicated on the photographs.

Other shoreline structures, where they exist, have been clarified.

8. Offshore Features.  
There are none.
9. Landmarks and Aids.  
Landmarks for nautical charts and fixed aids to navigation are adequately covered by Form 567. This form is included with the field data for these maps.
10. Boundaries, Monuments and Lines.  
The entire area is in Accomac County, Virginia. The corporate limits of Wachapreague have been indicated on photograph 60573. The limits of the Coast Guard Reservation on Parramore Island have been indicated on photograph 60534.
11. Other Control.  
Three recoverable topographic stations were identified for location by the plot. They are WHEN 1961, EAST GABLE BLACK ROOF 1961 and N. GABLE BURTONS BAY (1942) 1961.
12. Other Interior Features.  
Buildings were inspected and have been indicated in accordance with Photogrammetry Instruction No. 54.  
Roads were inspected and have been classified in accordance with Photogrammetry Instruction No. 56.  
There are no bridges or cables over navigable water.  
There are no airports or landing fields.
13. Geographic Names.  
A systematic investigation of names was not required.  
No new names are recommended for mapping.
14. Special Reports and Supplemental Data.  
Form 567, submitted with this data  
Letter of transmittal, submitted with this data.

Submitted,

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



MAP T-11681 PROJECT NO. 5907 SCALE OF MAP 1:10,000

SCALE OF MAP 1:10,000

SCALE FACTOR.

[illegible]

1 FT. = .3048006 METER  
COMPUTED BY:.....

DATE 3/20/62

CHECKED BY: *SPC*

DATE..

3/20/62

COMM-DC-57843

## COMPILATION REPORT

T-11681PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11680.

31. DELINEATION

The graphic method was used.

The nine-lens photographs were of poor scale.

The single-lens photographs were of good scale but poor definition; they, however, were used where coverage permitted.

Field inspection was adequate.

32. CONTROL

See photogrammetric plot report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

The drainage has been delineated as shown photographically and according to field inspection notes.

35. SHORELINE AND ALONGSHORE DETAILS

Compiled in accordance with field inspection notes.

Low-water and shoal lines are compiled from office interpretation of the 1962 single-lens photographs.

36. OFFSHORE DETAILS

None shown except low-water and shoal lines as discussed under item 35.



37. LANDMARKS AND AIDS

Forms 567 for Landmarks and Nonfloating Aids were submitted to the Washington Office under date of June 6, 1962.

38. CONTROL FOR FUTURE SURVEYS

One recoverable topographic station is listed under item 49. It is a Lookout Tower and not described.

39. JUNCTIONS

Junctions have been made with T-11678 on the north, T-11684 on the south and T-11680 on the west. Open waters of the Atlantic Ocean are to the east.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with USC&GS quadrangle "Wachapreague", scale 1:24,000, compiled from aerial photographs taken in 1949; topography by planetable surveys of 1957. Comparison was favorable except for the Atlantic shoreline subjected to the March 1962 storm.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with chart No. 1221, scale 1:80,000, 9th edition, March 12, 1962. Visual comparison indicates good agreement but due to the large scale difference precise comparison was not attempted.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

*M.M. Slattery*  
*for* Rudolph Dossett  
Carto Photo Aid

APPROVED AND FORWARDED 22 MAY 1963  
*V. Ralph Sobieralski*  
V. Ralph Sobieralski  
Tampa District Officer

June 22, 1972

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-5907 (Virginia)

T-11681

Atlantic Ocean  
Big Wye Channel  
Brandywine Channel  
Burtons Bay  
Cedar Island  
Cedar Island Reach  
Dawson Shoals  
Great Gut  
Great Gut Cove  
Horseshoe Lead  
Parramore Island  
Sloop Channel  
Trout Channel  
Wachapreague Inlet

Approved:

*A. J. Wraight*  
A. Joseph Wraight  
Chief Geographer

Prepared by:

*Frank W. Pickett*  
Frank W. Pickett  
Cartographic Technician

49. NOTES FOR THE HYDROGRAPHER

One topoeographic station was established. It is a natural object and no Form 524 was submitted.

PARRAMORE BEACH COAST GUARD Lookout Tower No. 154, 1961.

FORM 182 (3-61)		PHOTOGRAMMETRIC OFFICE REVIEW T- 11681		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
1. PROJECTION AND GRIDS WHS		2. TITLE WHS		3. MANUSCRIPT NUMBERS WHS	4. MANUSCRIPT SIZE WHS
		4a. Classification label <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 XX	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC PLOT REPORT MMS	
	11. DETAIL POINTS WHS - RRW				
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 WHS		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. 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>R. Dossett</i> R. Dossett			SIGNATURE OF SUPERVISOR <i>Milton M. Slavney</i> Milton M. Slavney		

FIELD EDIT REPORT

Field edit was done by W. M. Reynolds in October 1962. Revisions, consisting of mean high-water line relocation resulting from the March 1962 storm, were indicated on the Field Edit ozalid Discrepancy Print and single-lens ratio photographs 62-W-3870 and 3883.

No Field Edit Report has been received.

Tampa  
05-14-63

TO BE CHARTED  
~~TO BE REVISED~~  
~~TO BE DELETED~~

**STRIKE OUT TWO**

# NONTECHNICAL AIDS OR LANDMARKS FOR CHARTS

Tampa District Office

June 6

1962

I recommend that the following objects which have ~~(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 Dr. J. G. Saperstein  
I. I. Saperstein

For	V. Ralph Sobieralski	Chief of Party
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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. 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**

USCOMM-DC 27128





## REVIEW REPORT T-11681

## SHORELINE

November 2, 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 original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with Survey T-8440, scale 1:20,000, dated 1942. Radical changes in the shoreline along the Atlantic Ocean and Wachapreague Inlet were shown in blue on the comparison print.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangle WACHAPREAGUE, VA., scale 1:24,000, dated 1958. The Atlantic Ocean and Wachapreague Inlet shoreline differed considerably from T-11681 shoreline, and also from T-8440 shoreline. The hurricane of March 1962 probably caused a lot of the changes: also, the shoreline in the Wachapreague Inlet area is subject to frequent change. Differences between the USGS Quadrangle and T-11681 were shown in brown on the comparison print.

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 differences were noted.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

The Photogrammetric Plot Report, which usually states the accuracy of control used for compilation, was not available at the time of final review and no accuracy statement was made in the Compilation Report. However, there is no reason to believe that accuracy is sub-standard.

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:

*D. H. Agnew*  
Chief, Photogrammetric Branch

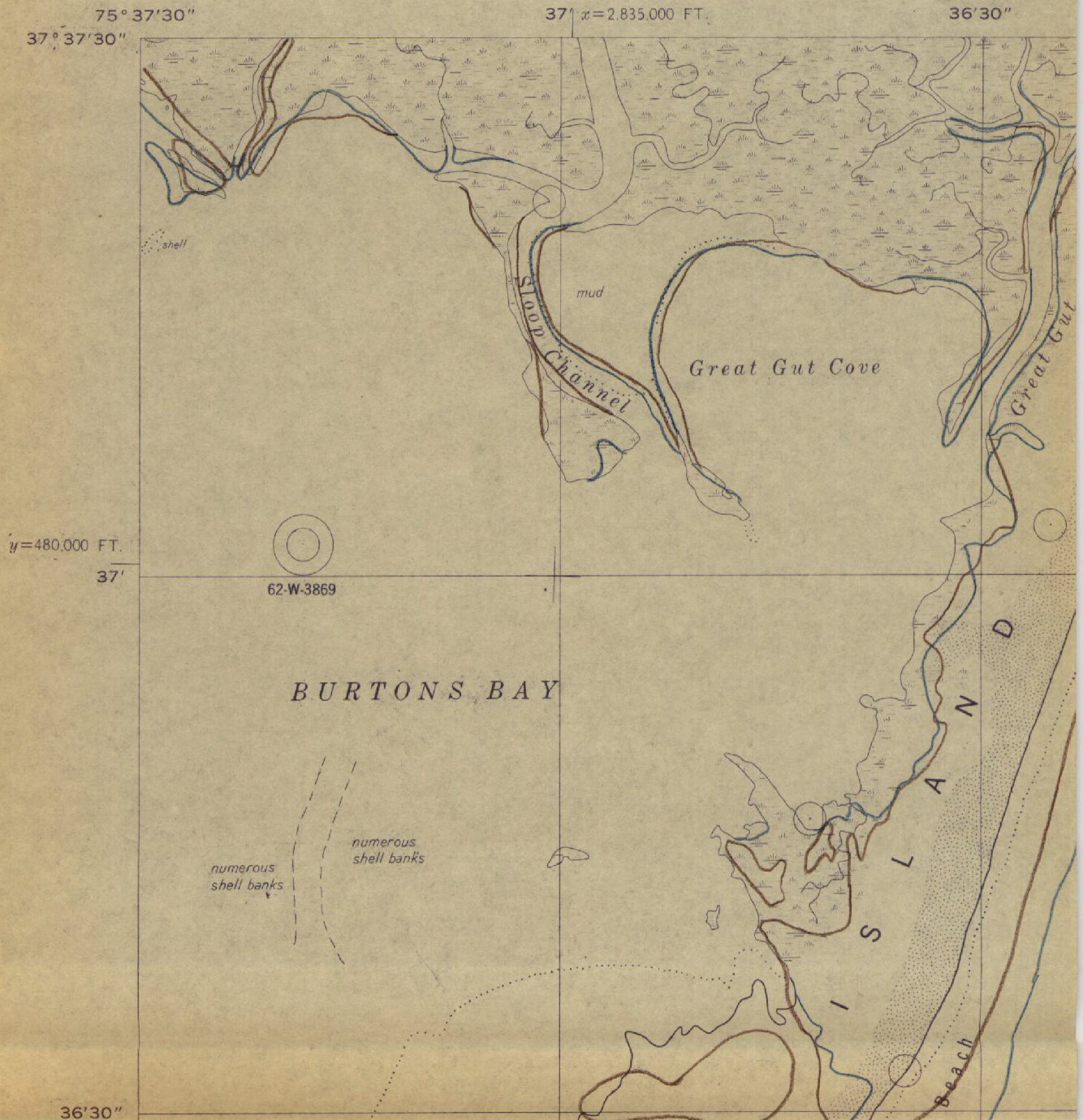
*James C. Calhoun*  
Chief, Coastal Mapping Division



T-11681  
Scale 1:10,000

## COMPARISON PRINT

Blue = T-8440  
Brown = USGS

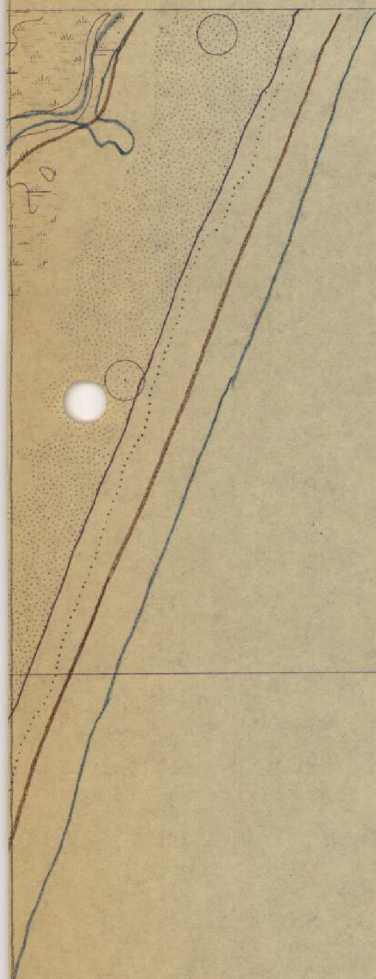




36' |  $x = 2,840,000$  FT.

35'30"

3



COMPARISON PRINT

Blue = T-8440  
Brown = USGS

T-11680  
Scale 1:10,000



y=475,000 FT.

37°36'

WYE (VFC) 1933

Big Wye Channel

35°30"

y=470,000 FT.

BRAD 1962

Cedar Island

75°37'

COMPARISON PRINT

Blue = T-8440  
Brown = USGS

NOTE

"The photogrammetric location  
offshore from the mean high-  
may not be complete or fin  
reviewed hydrographic survey c  
should be consulted for t

T-11680  
Scale 1:10,000



35'

# WACHAPREAGUE

y = 465,000 FT.

34'30"

subm comm cable

PARRAMORE ISLAND  
BASIN DAYBN 1 1961

Piers

Marine Ry

PARRAMORE BEACH COAST GUARD  
LOOKOUT TOWER NO. 154 1961 ht = 60'64"

PARRAMORE BEACH  
COAST GUARD CHIMNEY 1937

62-W-3878

62-W-3883

Horseshoe Lead

34'

37°33'45"

75°37'30"

x = 2,835,000 FT.

37'

36'30"

INDEX TO ADJOINING SHEETS  
PROJECT-5907

## COMPARISON PRINT

Blue = T-8440  
Brown = USGS

T-11680  
Scale 1:10,000

NOTE: Unlabeled  
plot points are



E I N L E T

WACHAPREAGUE INLET  
ENTRANCE LT 1962

60388

Floods

TULL 1962

Shoreline subject to frequent changes

COMPARISON PRINT

Blue = T-8440  
Brown = USGS

62 W-3879

Floods

x=2,840,000 FT.

36'

35'30"

x=2,845,000 FT.

35'

T-11680  
Scale 1:10,000

LEGEND

5  
ed circles are photogrammetric  
area features

△ Re  
○ Re  
..... Ap  
○