

Original

T-11680

T-11680

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-11680
Field edited map	
LOCALITY	
State	VIRGINIA
General locality	ACCOMACK COUNTY
Locality	WACHAPREAGUE CHANNEL
1959-62	
CHIEF OF PARTY	
Joseph K. Wilson, Chief of Field Party	
V.R. Sobieralski, Tampa District Officer	
Alfred C. Holmes, Director, AMC	
LIBRARY & ARCHIVES	
DATE	JUL 1975

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T - 11680

PROJECT NO. (II):

PH-5907

FIELD OFFICE (II):

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
Amendment 1, " April 26, 1960
Office: December 28, 1960
Amendment 1 " August 10, 1961
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):

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

~~MHW~~ 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):

LONG (VFC) 1933

LAT. ✓ ✓ ✓ ✓

37°36'08.048"(248.1 m)

LONG: ✓ ✓ ✓ ✓

75°40'31.700"(777.6 m)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

y = 474,228.73 FT.

x = 2,818,163.17 FT.

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): E. T. Jenkins		DATE: August 1961
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air photo compilation Date of photographs: October 13, 1959 and April 28, 1962		
PROJECTION AND GRIDS RULED BY (IV): A. Riley		DATE January 1962
PROJECTION AND GRIDS CHECKED BY (IV): " "		DATE March 1962
CONTROL PLOTTED BY (III): V. P. Cackowski		DATE " "
CONTROL CHECKED BY (III): " "		DATE " "
RADIAL PLOT OF STEREOSCOPIC CONTROL EXTENSION BY (III): R. R. Wagner		DATE May 1962
STEREOSCOPIC INSTRUMENT COMPILATION (III): Inapplicable	PLANIMETRY	DATE
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): I. I. Saperstein and R. Dossett " Reviewed by: R. R. Wagner		DATE Jan. 1963 " "
SCRIBING BY (III): R. Dossett " Reviewed by: W. H. Shearouse		DATE Feb. 1963
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): W. H. Shearouse		DATE Apr. 1963
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

C&GS 9 lens Camera &
Wild camera W

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60469	10/13/59	10:32	1:10,000	0.0 ft above MLW
60533	"	11:17	"	" " "
60534	"	"	"	" " "
60535	"	11:18	"	" " "
62-W-3870	4/28/62	11:30	1:20,000	1.7 " "
" 3871	"	"	"	" " "
" 3872	"	"	"	" " "
" 3875	"	11:39	"	" " "
" 3876	"	"	"	" " "
" 3877	"	"	"	" " "

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
~~XXXXXXXXXXXX~~ REVIEW BY (IV):

O. H. Bishop

DATE:

Nov. 1973

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 13

RECOVERED: 6

IDENTIFIED: 4

NUMBER OF BM(S) SEARCHED FOR (II): None

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 2**

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): None

REMARKS:

** Accomac Club Water Tank 1937 was recovered with the tank being about 2 feet out of plumb. It is shown as a topo station, ACCOMAC CLUB WATER TANK 1962

COMPILATION RECORD

COMPLETION DATE

REMARKS

Alongshore area for hydro	June 1962	Superseded
Alongshore areas revised from field edit	Oct. 1962	Superseded
Interior details added Compilation complete	Jan. 1963	Superseded
Final Review	Nov. 1973	

PH-5907

5

CAPE CHARLES TO ASSATEAGUE, VA

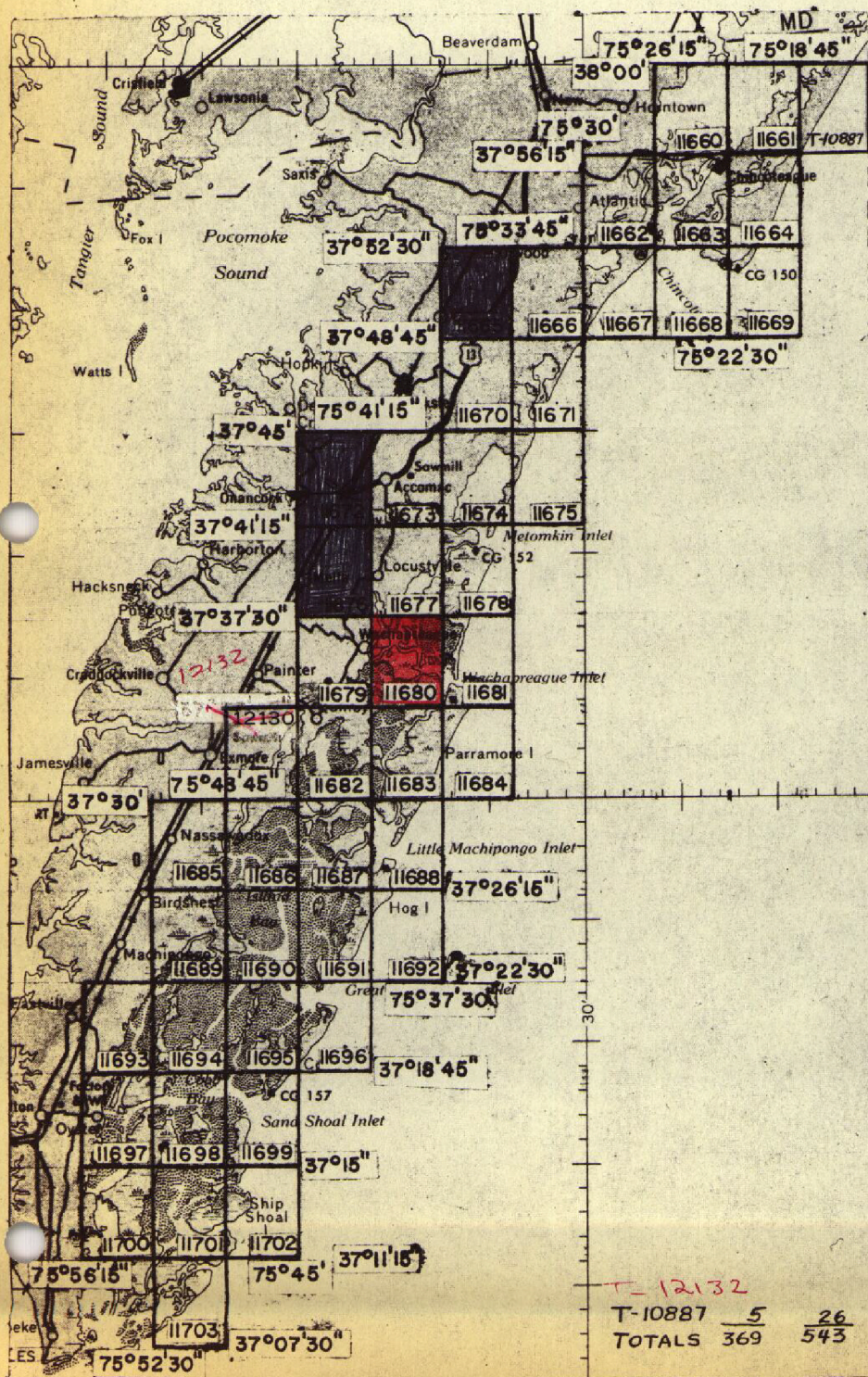
Planimetric Mapping Scale 1:10,000

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
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	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

T-12132
T-10887 5 26
TOTALS 369 543

11-9-61



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-11680

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 indicated the location of this map in the project.

Field inspection prior to compilation was done in August 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 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
11691	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

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

MAP T. 11680

PROJECT NO. 5907

SCALE OF MAP 1/10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
WACHAPREAGUE INLET BRADFORD CHAN. KT. 1937	P.C. 186		469,527.78 2,831,469.89	86	3033.7				P1 VPC 3/22/62
HADLOVER 2 1909	P.C. 48		479,967.35	14	6294.3				11
1933	P.C.		2,818,912.26	85	9206.2				
HAMMOCK (VFC)	240		475,806.46	14	5026.1				11
1933	P.C.		2,826,696.15	86	1578.7				11
BURTON (VFC) 1933	240		480,949.58	14	6591.9				11
"	"		2,825,912.32	86	1339.8				11
BLACK ROCK (VFC) 1933	"		472,559.74	14	4036.5				11
"	"		2,827,899.99	86	1945.6				11
LONG (VFC) 1933	"		474,228.73	14	4545.2				11
BRAND RMI 1933	Comp. P.C. 187		2,818,163.17 463,947.77	85	8977.9				11
BRADFORD (VFC) 1933	P.C. 187		2,822,694.90	86	0359.1		LOST	CMB 10-31-73	11
CLUB (VFC) 1933	P.C. 240		472,160.26	14	3914.7				11
ACCOMAC CLUB	P.C. 187		2,819,251.09	85	9309.5				11
WT 1937	P.C. 240		469,508.57	14	3106.5				11
NORTH (VFC) 1933	P.C. 240		2,831,659.80	86	3091.6				11
			469,599		shw as topo station 14		3134.1		11
			2,831,914		500 526		86	2914.9	11
			401,264.74	14	6689.0				11
			2,831,983.49	86	3190.3		LOST	CMB 10-31-73	11

1 FT. = 3048006 METER

COMPUTED BY: J. H. Langer

DATE

Nov. 1961

CHECKED BY:

VPC

DATE

3/19/62

COMM-DC-57843

10

COMPILATION REPORT
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 of poor definition; they, however, were used where coverage premitted.

Field inspection was adequate.

32. CONTROL

See photogrammetric plot report.

33. SUPPLEMENTAL DATA

None used.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

The drainage, consisting principally of marsh streams and bayous, was delineated as shown photographically and in accordance with field inspection.

35. SHORELINE AND ALONGSHORE DETAILS

The entire shoreline is apparent, except in the vicinity of the town of Wachapreague where shoreline structures have been delineated according to field inspection notes.

The low-water line has been shown according to field inspection notes and photo interpretation.

36. OFFSHORE DETAILS

Delineated according to field inspection notes.

37. LANDMARKS AND AIDS

Forms 567 for aids were submitted under the date of June 13, 1962. One "revised" form 567 was submitted under the date of January 23, 1963.

38. CONTROL FOR FUTURE SURVEYS

Two photo-topo stations are shown in addition to aids to navigation. Only one form 524 is submitted. The other is ACCOMAC CLUB WATER TANK 1937, a triangulation station which was found to be about 2 feet out of plumb. They are listed under item 49.

39. JUNCTIONS

A satisfactory junction has been secured with T-11677 on the north, T-11683 on the south, T-11681 on the east, and T-11679 on the west.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with USGS quadrangle "WACHAPREAGUE" scale 1:24,000, compiled from aerial photographs taken in 1949; topography by planetable surveys of 1957. The comparison was favorable.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with USC&GS chart No. 1221, scale 1:80,000, 9th edition, March 12, 1962. Comparison was favorable.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

for M. M. Slawey
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-11680

Big Thorofare
Black Rock Reach
Bradford Bay
Bradford Channel
Burtons Bay
Clark Bay
Custis Channel
Finney Creek
Gates Bay
Gates Channel
Haul Over
Hog Creek
Horseshoe Lead
Hummock Channel

Hummock Cove
Little Seal Creek
Little Thorofare
Little Wye Channel
Millstone Creek
Nickawampus Creek
Parramore Island
Rush Gut
Sandy Point
Seal Creek
Swash Bay
Upper Haul Over
Wachapreague
Wachapreague Channel

Approved:


A. Joseph Wraight
Chief Geographer

Prepared by:


Frank W. Pickett
Cartographic Technician

T-11680

49. NOTES FOR THE HYDROGRAPHER

Two topographic stations have been located:

N. GABLE (1942) 1961

ACCOMAC CLUB WATER TANK, located by triangulation in 1937 has lost its value as a triangulation station because it is two feet out of plumb. It is shown as a topographic station.

FORM 182 (3-51)		PHOTOGRAMMETRIC OFFICE REVIEW T. 11680		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
1. PROJECTION AND GRIDS WHS		2. TITLE WHS 4a Classification label <u>unclassified</u>		3. MANUSCRIPT NUMBERS WHS	4. MANUSCRIPT SIZE WHS
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				
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 XXX		
	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>M. M. Slavney</i> Milton M. Slavney		
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>M. M. Slavney</i> M. M. Slavney			

FIELD EDIT REPORT
T-11680

The field edit was done in October 1962 by W. M. Reynolds. Corrections consisted of clarification of numbers and location of aids to navigation, location of submerged cable crossing and sunken barge locations. There are two Field Edit Discrepancy ozalids and additional information is recorded on 9-lens field photograph 60469.

No field edit report has been received.

Tampa

NONFLOATING AIDS ~~OR~~ LANDMARKS FOR CHARTS

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

STRIKE OUT TWO

Tampa District Office June 13, 1962

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

The positions given have been checked after listing by I. J. Sapersstein

V. Ralph Sobieralski Chief of Party

STATE	CHARTING NAME	VIRGINIA	DESCRIPTION	SIGNAL NAME	POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE*		LONGITUDE*								
					° ' "	D.P. METERS	° ' "	D.P. METERS							
			VIRGINIA INSIDE PASSAGE												
			WACHAPREAGUE TO LITTLE												
			MACHIPONGO CHANNEL												
	LIGHT 2			37 35	147.36	75 11	14.55	N.A.	Apr. 28 *			X		1221	
	DAYBN 3			37 35	1460	75 10	357	1927	Plot T-11680			X			
	LIGHT 4			37 34	23.12	75 10	50.34	"	"			X			
	DAYBN 5			37 34	722	75 10	1235	"	"			X			
	LIGHT 6			37 34	58.15	75 10	28.24	"	"			X			
	DAYBN 7			37 34	1802	75 10	693	"	"			X			
	LIGHT 8			37 34	53.20	75 10	18.50	"	"			X			
	DAYBN 9			37 34	1640	75 10	454	"	"			X			
	LIGHT 10		MILLSTONE CREEK	37 34	140.32	75 40	13.19	"	"			X			
	DAYBN 11		"	37 34	1243	75 40	331	"	"			X			
	LIGHT 12		"	37 34	21.93	75 39	48.09	"	"			X			
	DAYBN 13		JUNCTION	37 34	676	75 39	1180	"	"			X			
	LIGHT 14			37 33	46.90	75 40	23.55	"	"			X			
	DAYBN 15			37 33	1446	75 40	578	"	"			X			
			* Aids that were field identified in 1961 on the 1959 photographs and were office verified on the April 1962 photographs.												

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

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS
Tampa District Office
Tampa, Florida

TO BE CHARTED
TO BE REVISED/
TO BE DELETED } STRIKE OUT TWO

June 13, 1962

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

The positions given have been checked after listing by

I. I. Supersyeln

V. Ralph Sobieralski

Chief of Party

CHARTING NAME	STATE	VIRGINIA	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
			LATITUDE*		LONGITUDE*								DATUM
			°	'	°	'							
DIFF COASTAL LIGHT		WACHAPREAGUE INLET											
		BRADFORD CHANNEL	37 35	17.09 527	75 37		41.86 1027	N.A. 1927	Photo			1221 - M	
LIGHT		HUMMOCK CHANNEL ENTRANCE	37 35	33.80 1012	75 38		33.26 816	"	"	X		" - M	
LIGHT		" NORTH	37 36	19.49 601	75 38		44.11 1082	"	"	X		" - M	
		WACHAPREAGUE CHANNEL											
LIGHT 1			37 36	13.04 402	75 39		34.78 853	"	"	X		" - M	
LIGHT 2			37 36	37.20 1147	75 39		52.76 1294	"	"	X		" - M	
LIGHT 4			37 36	15.08 465	75 40		28.95 710	"	"	X		" - M	
LIGHT 5			37 35	56.47 1741	75 40		42.60 1045	"	"	X		" - M	
LIGHT 7			37 35	56.28 1735	75 41		04.89 120	"	"	X		" - M	

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.

TO BE REVISED

STRIKE OUT TWO

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Tampa District Office **January 23** **1963**

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. Dosselt~~

V. Ralph Sobieralski *Chief of Party.*

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-35, 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

REVIEWED REPORT T-11680

SHORELINE

November 1, 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-8440, scale 1:20,000, dated 1942. Significant differences were shown in blue on the comparison print.

In the area compared, T-11680 supersedes previous surveys for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangle WACHAPREAGUE, VA., scale 1:24,000, dated 1958. Significant differences 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. Names and numbers of fixed aids to navigation have been changed. They appear on T-11680 as they existed in October 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 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. It is believed that this map is adequate for nautical chart construction.

Reviewed by:

Charles H. Bishop

Charles H. Bishop
Cartographer

Approved for Forwarding:

Meivin J. Umbach

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

Approved:

Alfred C. Holmes

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

Approved:

AKH

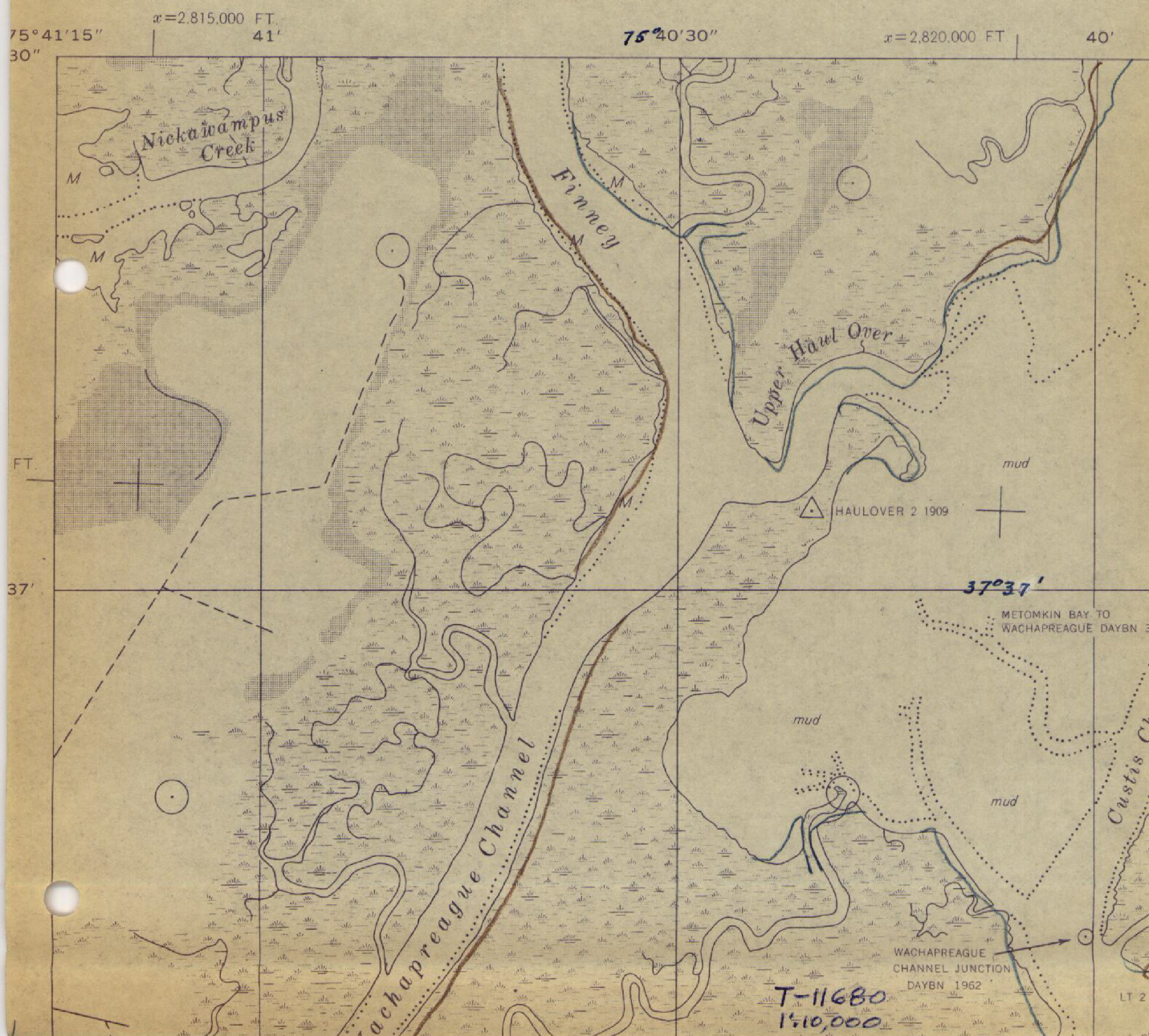
Chief, Photogrammetric Branch

James C. Allen

Chief, Coastal Mapping Division

COMPARISON PRINT

Blue = T-8440
Brown = USGS



COMPARISON PRINT

Blue = T-8440

Brown = USGS

39°30"

x = 2,825,000 FT. 75°39'

37°37'30"



Wachapreague

36°30"

175,000 FT.

36'

Haul Over

WACHAPREAGUE TO
LITTLE MACHIPONGO CHANNEL
LT 2 1962

Grounded barge

35°30"

470,000 FT.

spoil

DAYBN 3 1961

B R A D F O R D B A Y

75°40'30"

COMPARISON PRINT

Blue = T-8440
Brown = USGS

T-11680

1:10,000

Gates Bay

Wachapreague Channel

60469

LIGHT 4 1962

LONG 1934

LIGHT 5 1962

WACHAPREAGUE CHANNEL LIGHT 7 1962

25

62-W-3875

HAMMOCK 18

HUMMOCK CH.
NORTH LT 19

WACHAPREAGUE CHANNEL LIGHT 1 1962

Wachapreague Channel

37°36'

62-W-3876

Black

Sandy F

36°30"

Gates Channel

mud

mud

mud

COMPARISON PRINT

Blue - T-8440

Brown - USGS

75° 39'

T-11680

1:10,000

75° 38'

36° 30"

y=475,000 FT.

37° 36'

35° 30"

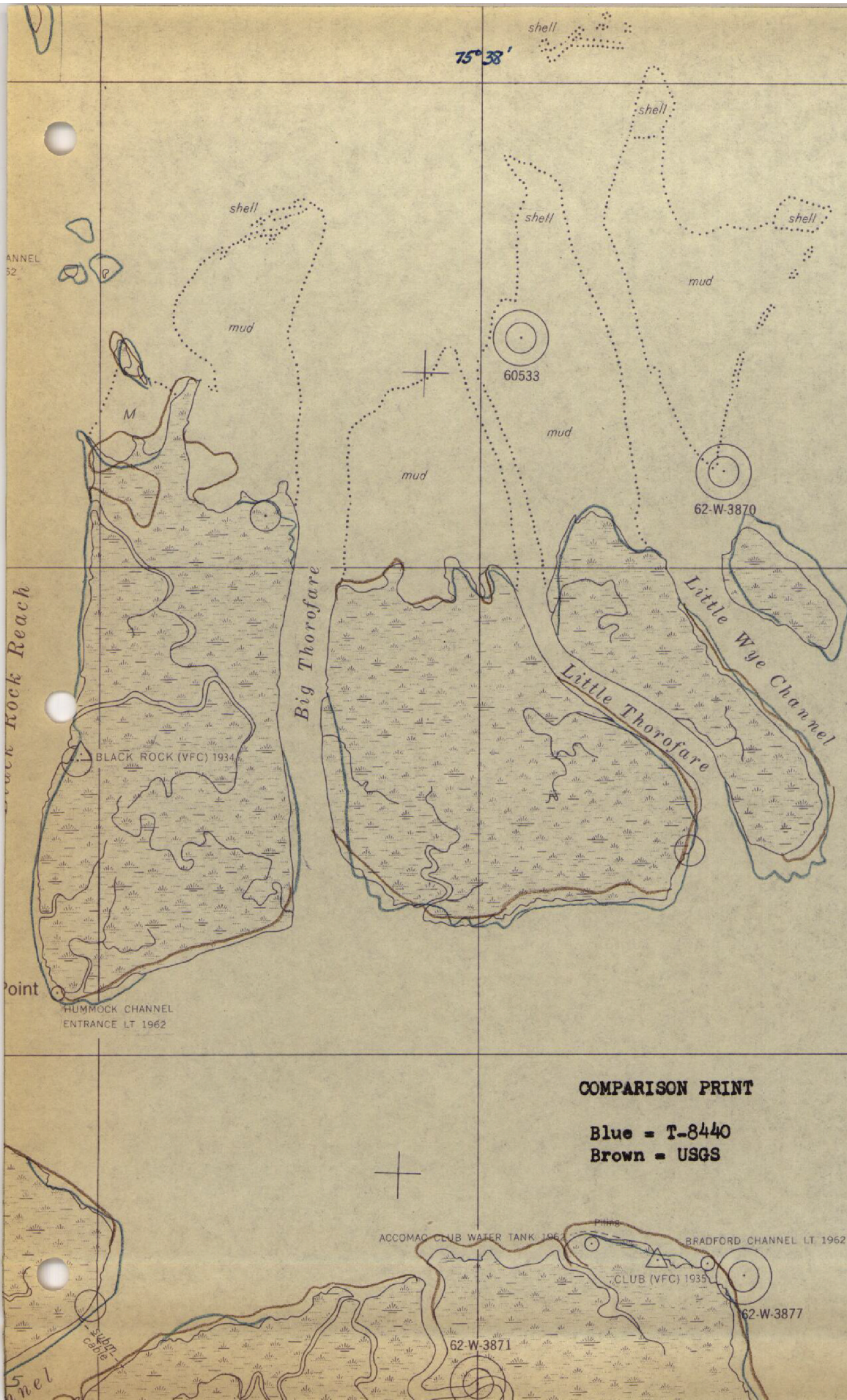
y=470,000 FT.

COMPARISON PRINT

Blue = T-8440
Brown = USGS

T-11680

1:10,000



COMPARISON PRINT

Blue = T-8440
Brown = USGS

28

LT 4 1961

WACHAPREAGUE TO LITTLE
MACHIPONGO CHANNEL DAYBN 5 1961

MILLSTONE CREEK LT 1961

465,000 FT.

34'30"

35°
34'

460,000 FT.

7°33'45"

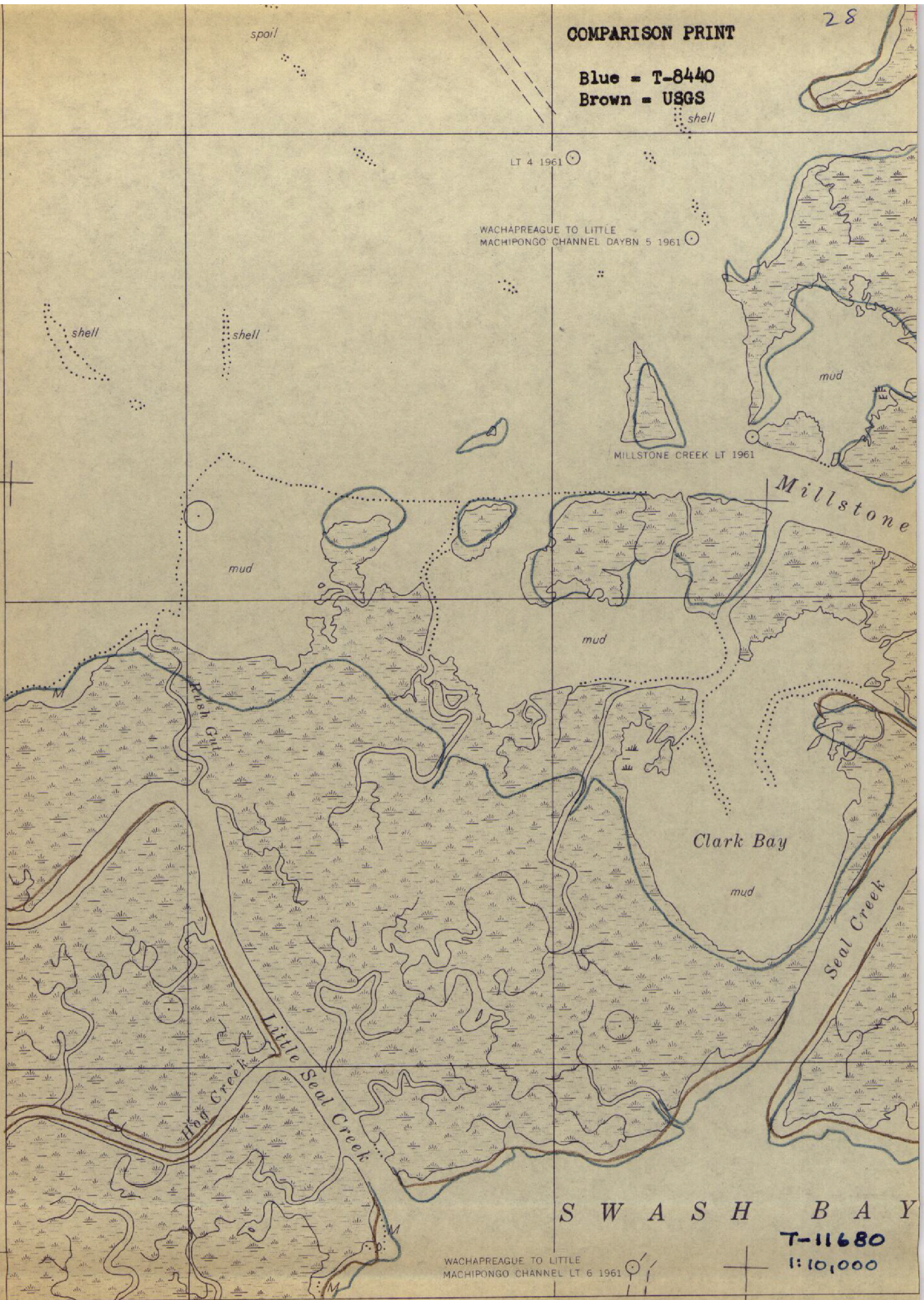
75°41'15"

41'

40'30"

x=2,820,000 FT.

41



Bradford 29ha

35'

60534

mud

Creek

35°34'30"

BRAND RM 1 1933
MILLSTREAM CREEK
JUNCTION LT 1962

COMPARISON PRINT

Blue - T-8440
Brown - USGS

34'

T-11680
1:10,000

7

75°39'30"

x=2,825,000 FT. 39'



35'

y=465,000 FT.

34'30"

34'

COMPARISON PRINT

Blue = T-8440
Brown = USGS

T-11680
1:10,000

37°33'45"

75°37'30"

38'30"

x=2,830,000 FT.

38'