

Original

T-11677



T-11677

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-11677
Field edited map	
LOCALITY	
State	VIRGINIA
General locality	ACCOMACK COUNTY
Locality	CROSS CREEK TO BURTONS BAY
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-11677

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: Oct. 20, 1959
Field Amendment 1: Apr. 26, 1960
Office: Dec. 28, 1960
Office Amendment 1: 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):

CUSTIS 4, 1959

LAT.:

37° 39' 29.8107" (919.1m)

LONG.:

75° 38' 31.5497" (773.3m)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

y = 494,917.18 FT.

x = 2,827,210.10 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.

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (II): M. A. Stewart		DATE: Sept. 1961
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air Photo Compilation Photographs dated: Oct. 13, 1959 and Apr. 28, 1962 (see Item 31)		
PROJECTION AND GRIDS RULED BY (IV): A.R. (W.O.)		DATE Mar. 1962
PROJECTION AND GRIDS CHECKED BY (IV): A.R. (W.O.)		DATE " "
CONTROL PLOTTED BY (III): V. P. Cackowski		DATE May 1962
CONTROL CHECKED BY (III): R. R. Wagner		DATE " "
RADIAL PLOT OF STEREOSCOPIC CONTROL EXTENSION BY (III): R. R. Wagner		DATE " "
STEREOSCOPIC INSTRUMENT COMPILATION (III): Inapplicable	PLANIMETRY	DATE
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): R. E. Smith " Reviewed by: R. R. Wagner		DATE Dec. 1962 " "
SCRIBING BY (III): R. Dossett " Reviewed by: W. H. Shearouse		DATE Feb. 1963 " "
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. R. Wagner		DATE Mar. 1963
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

C&GS 9 lens, Single-lens Wild W

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
62-W-3867	4/28/62	1130	1:20,000	Inland sheet
" " 3868	"	"	"	
60466	10/13/59	1028	1:10,000	
60467	"	1029	"	
60470	"	1032	"	
60471	"	1033	"	
60472	"	1033	"	

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION:			
SUBORDINATE STATION:			
SUBORDINATE STATION:			

Atlantic Marine Center
~~XXXXXXXXXXXX~~ REVIEW BY (IV):

C. H. Bishop

DATE: Oct. 1973

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (III): 5*

RECOVERED:
3IDENTIFIED:
2

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

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 2

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

REMARKS:

- * Two stations were established.
WALLOPS ISLAND CAMERA STATION NO 10, 1961
NORTH GABLE 1961

COMPILATION RECORD

COMPLETION DATE

REMARKS

Incomplete manuscript compiled	June 1962	Superseded
Interior details added Compilation complete	Dec. 1962	Superseded
Field edit revealed no changes	Oct 1962	Superseded
Final Review	Oct. 1973	

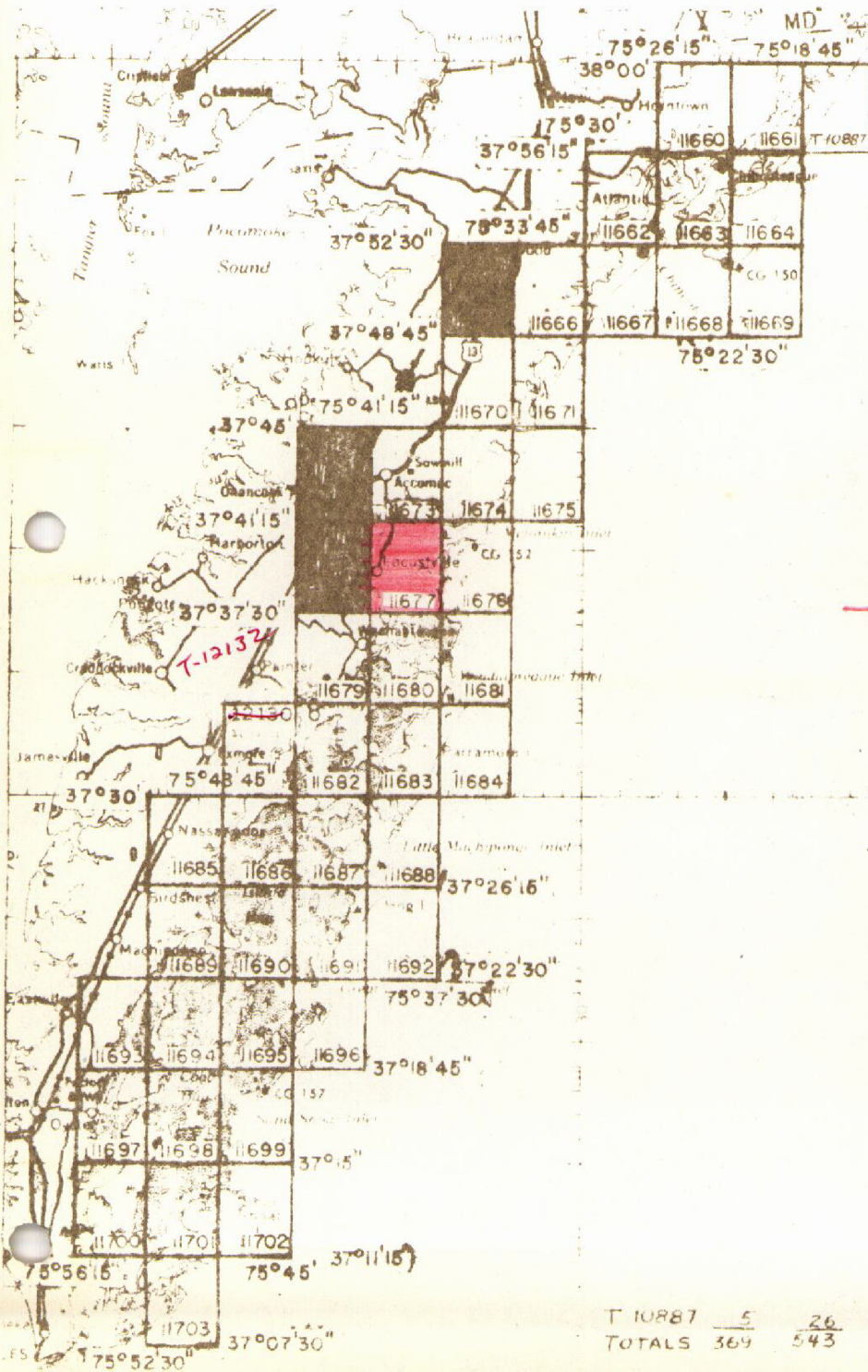
PH-5907

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	6	11
11691	4	16
11692	2	3
11693	11	11
11694	6	10
11695	4	17
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-11677

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 from the 9-lens photographs, and single lens photographs taken in April 1962. Control for compilation was established by a radial plot using the 9-lens photography. 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. No errors were found in the field.

Final review was done at the Atlantic Marine Center in October 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 11676, 11677 and 11678
PROJECT PH-5907

2. Areal Field Inspection.

These maps are located along the eastern shore of Virginia, beginning just west of the town of Melfa and continuing eastward across the northern part of Burtons Bay to the Atlantic Ocean, at Metomkin Inlet. The mainland area is accessible by U.S. Highway 13 and various secondary roads connecting thereto. The Pennsylvania Railroad parallels U.S. 13 across the northwest corner of map 11676. The town of Melfa and a part of the town of Onley are located in map 11676. Both are farming communities and have no other industries. The land area of map 11677 consists of the mainland along the west side of Burtons Bay and sizable marsh areas east and north of the bay. The mainland area is devoted exclusively to truck farming. The small un-incorporated settlement of Locustville is located in this map. The land area of map 11678 consists of the northern part of Cedar Island, the southern part of Metomkin Island and the large marsh areas to the west. This map is un-inhabited except for the Metomkin Inlet Coast Guard Station, which is located near the north end of Cedar Island. The Intracoastal Waterway crosses maps 11677 and 11678 in a northeast to southwest direction. The waterway is navigable for shallow draft boats only. Numerous mud flats and shoals make the water areas navigable at or near high water only.

Field inspection is believed complete and was performed on the following nine-lens photographs; 60439, 60440, 60441, 60466, 60467, 60468, 60471, 60472, 60473, 60529, 60530, 60531 and 60532. One single lens photograph number 59W9332 was used to supplement the nine-lens photography. 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 59W9633 through 59W9643. 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 ranged from white, in the sand areas, to grey, in the mud flats, to black, in the areas covered by marsh or trees.

No items were deliberately left for field edit.

3. Horizontal Control.

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

Two stations were established in map 11677. North Gable 1961 was established by tellurometer traverse. Wallops Is. Camera Station No. 10 1961 was established by intersection. Computations for the positions of the above stations are enclosed.

The following stations were reported lost;

11676

none

11678

SAND BURR 3 1934

11677

BEN (V.F.C.) 1934

Chincoteague to Hog

Island (Floyds Bay)

Beacon No. 13 (Black) 1934

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 in the mainland areas of maps 11676 and 11677 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 measurements from identifiable photo. points. In some cases, 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 running close to shore 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, wharves, piers or landings have been indicated on the photographs.

Submerged cables have been indicated on the photographs. The cable across Metomkin Inlet, northward, has been removed. The Coast Guard Telephone Line now comes from the mainland. The approximate route has been indicated on photograph 56530. It was located from existing cable signs and information given by the OIC Metomkin Inlet Coast Guard Station.

Other shoreline structures have been clarified.

8. Offshore Features.

The shoal areas around Metomkin Inlet were visited at high water and all of them are covered.

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 Melfa and Onley have been indicated on photographs 60440 and 60441. A tracing of the official map of Melfa is enclosed. An official map of Onley was not available. The approximate limits have been placed on the photograph with the aid of town officials. The limits of the Coast Guard Reservation, on Cedar Island, have been indicated on photograph 60530.

11. Other Control.

Four recoverable topographic stations were selected for location by the plot.

11676

none

11677

East Gable, Green Roof House
North Gable, Unpainted House

11678

Bell 1961

Telephone Pole 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.

One landing strip for light aircraft has been indicated on photograph 60441.

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.

Tracing of Official Map of Corporate Limits of
town of Melfa, 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. 11677

PROJECT NO. 5907

SCALE-OF MAP 1:10,000

SCALE FACTOR

[illegible]1 FT. = .3048006 METER
COMPUTED BY: *[Signature]*

DATE Apr 1961

CHECKED BY: *VP*

DATE 3/19/62

COMM-DC-57843

COMPILATION REPORT
T-11677

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11680

31. DELINEATION

The graphic method was used.

The photographs were clear and of fair scale.

The marsh area east of Burtons Bay and south of Teagles Ditch was compiled from single lens photographs 62W3867 and 62W3868.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Inapplicable

35. SHORELINE AND ALONGSHORE DETAILS

The mean high-water line was delineated according to the field inspection on the 1959 nine lens photographs and office interpretation of the 1962 photographs. The field inspection was adequate.

The approximate low-water line has been shown from office interpretation.

36. OFFSHORE DETAILS

Compiled according to field inspection notes.

37. LANDMARKS AND AIDS

Six aids have been submitted on form 567 under the date of June 13, 1962. One landmark has been shown and submitted on form 567 by the field inspector under the date of Sept. 26, 1961.

38. CONTROL FOR FUTURE SURVEYS

Two topographic stations were located and are listed under Item 49. No form 524 is submitted as they are natural objects.

39. JUNCTIONS

Junctions have been made with: T-11673 to the north, T-11680 to the south, T-11678 to the east, and to the west with USGS quadrangle "ACCOMAC" scale 1:24,000.

40. HORIZONTAL CONTROL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with USGS quadrangle ACCOMAC, scale 1:24,000 dated 1957. The two are in fair agreement.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with chart 1221, scale 1:80,000 edition of March 1962. The two are in fair agreement.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

R. E. Smith

R. E. Smith
Carto Photo Aid

APPROVED AND FORWARDED: -9 MAY 1963

V. Ralph Sobieralski
V. Ralph Sobieralski
Tampa District Officer

June 22, 1972

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-5907 (Virginia)

T-11677

Burtens Bay
Burtens Shore
Cedar Island
Cedar Island Bay
Cross Creek
Cross Gut
Custis Creek
Custis Neck
Finney Creek
Great Channel
Locustville
Nickawampus Creek
Teagles Ditch

Approved:

A. J. Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

T-11677

49. NOTES FOR THE HYDROGRAPHER

The following are topographic stations:

* N. GABLE, 1961 (unpainted house)

E. GABLE, 1961 (green roof house)

* This is not the same as Triangulation station N. GABLE 1961 which is also on this sheet.

FORM 182 (3-61)		PHOTOGRAMMETRIC OFFICE REVIEW		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
50.		T- 11677			
1. PROJECTION AND GRIDS WHS		2. TITLE WHS		3. MANUSCRIPT NUMBERS WHS	
		4a Classification label <u>unclassified</u>		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) RRW		
	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. XX	15. BRIDGES XX	
	16. AIDS TO NAVIGATION WHS	17. LANDMARKS RRW	18. OTHER ALONGSHORE PHYSICAL FEATURES RRW		
	19. OTHER ALONGSHORE CULTURAL FEATURES RRW				
PHYSICAL FEATURES	20. WATER FEATURES XX		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 XX				
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>R. R. Wagner</i>		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>M. M. Slavney</i>		
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>G. E. Smith</i>			SIGNATURE OF SUPERVISOR <i>M. M. Slavney</i>		

FIELD EDIT REPORT

Shoreline field edit was done by William M. Reynolds in October 1962. No report has been received, though a note on the field edit ozalid states "inside shoreline was checked visually and appears good."

Tampa

TO BE CHARTED
TO BE DELETED

STRIKE OUT ONE

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Accomac, Virginia

26 Sept. 19

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

The positions given have been checked after listing by

William M. Reynolds

for Joseph R. Wilson, Chief of Party.

Virginia

POSITION[illegible]

NONFLOATING AIDS QUESTIONS FOR CHARTS

BE DELETED

Accomac, Virginia

26 Sept. 1961

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

The positions given have been checked after listing by

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

Wilson

Chief of Party.

[illegible]

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NAUTICAL CHART ~~ERRATA~~

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED } STRIKE OUT ONE
TO BE DELETED }

Accompany Virginia

423 Sept. 19

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

The positions given have been checked after listing by

William M. Ragsdale
Rev Joseph K. Wilson Chief of Party

STATE Virginia			POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE		LONGITUDE		DATUM							
			°	'	°	'								
	Metomkin Bay to Wachapreague Daybeacon 12A		37	41.1	75	36.3	NA	1927	Rad. Plot 11678	9/21/61	X		1221	
	Metomkin Bay to Wachapreague Folly Creek Daybeacon 2		37	41.8	75	36.6	"	"	"	"	"		"	
	Metomkin Bay to Wachapreague Folly Creek Jct. Daybeacon		37	41.0	75	36.4	"	"	"	"	"		"	
	Metomkin Bay to Wachapreague Daybeacon 14		37	40.7	75	36.3	"	"	"	"	"		"	
	Metomkin Bay to Wachapreague Light 16		37	40.6	75	36.5	"	"	"	"	"		"	
	Metomkin Bay to Wachapreague Daybeacon 17		37	40.4	75	36.9	"	"	"	"	"		"	
	Metomkin Bay to Wachapreague Light 13		37	40.1	75	37.2	"	"	"	"	"		"	
	Metomkin Bay to Wachapreague Daybeacon 20		37	39.9	75	37.1	"	"	"	"	"		"	
	Metomkin Bay to Wachapreague Daybeacon 21		37	39.6	75	37.0	"	"	"	"	"		"	
	Metomkin Bay to Wachapreague Light 23		37	39.4	75	37.2	"	"	"	"	"		"	
	Metomkin Bay to Wachapreague Daybeacon 25		37	39.2	75	37.5	"	"	Rad. Plot 11677	"	"		"	
	Metomkin Bay to Wachapreague Daybeacon 27		37	39.1	75	37.7	"	"	"	"	"		"	
	Metomkin Bay to Wachapreague Light 28		37	39.1	75	38.0	"	"	"	"	"		"	
	Metomkin Bay to Wachapreague Daybeacon 29		37	38.7	75	38.5	"	"	"	"	"		"	

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Tampa Florida

June 13 1962

I recommend that the following objects which have ~~(4444/1111)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(4444/1111)~~ the charts indicated.

The positions given have been checked after listing by

R. E. Smith
R. E. Smith

V. Ralph Sobieralski

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.

REVIEW REPORT T-11677

SHORELINE

October 23, 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-8441, scale 1:20,000, dated 1942. Significant differences in shoreline were shown on the comparison print in blue.

In the area compared, T-11677 supersedes previous topographic surveys for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangle ACCOMAC, VA., scale 1:24,000, dated 1957. Significant shoreline 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 11 Sept. 1971. It is noted that fixed aids to navigation have been renamed and renumbered and two more daybeacons are charted. Aids appear on T-11677 as they existed as of 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 for 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:

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

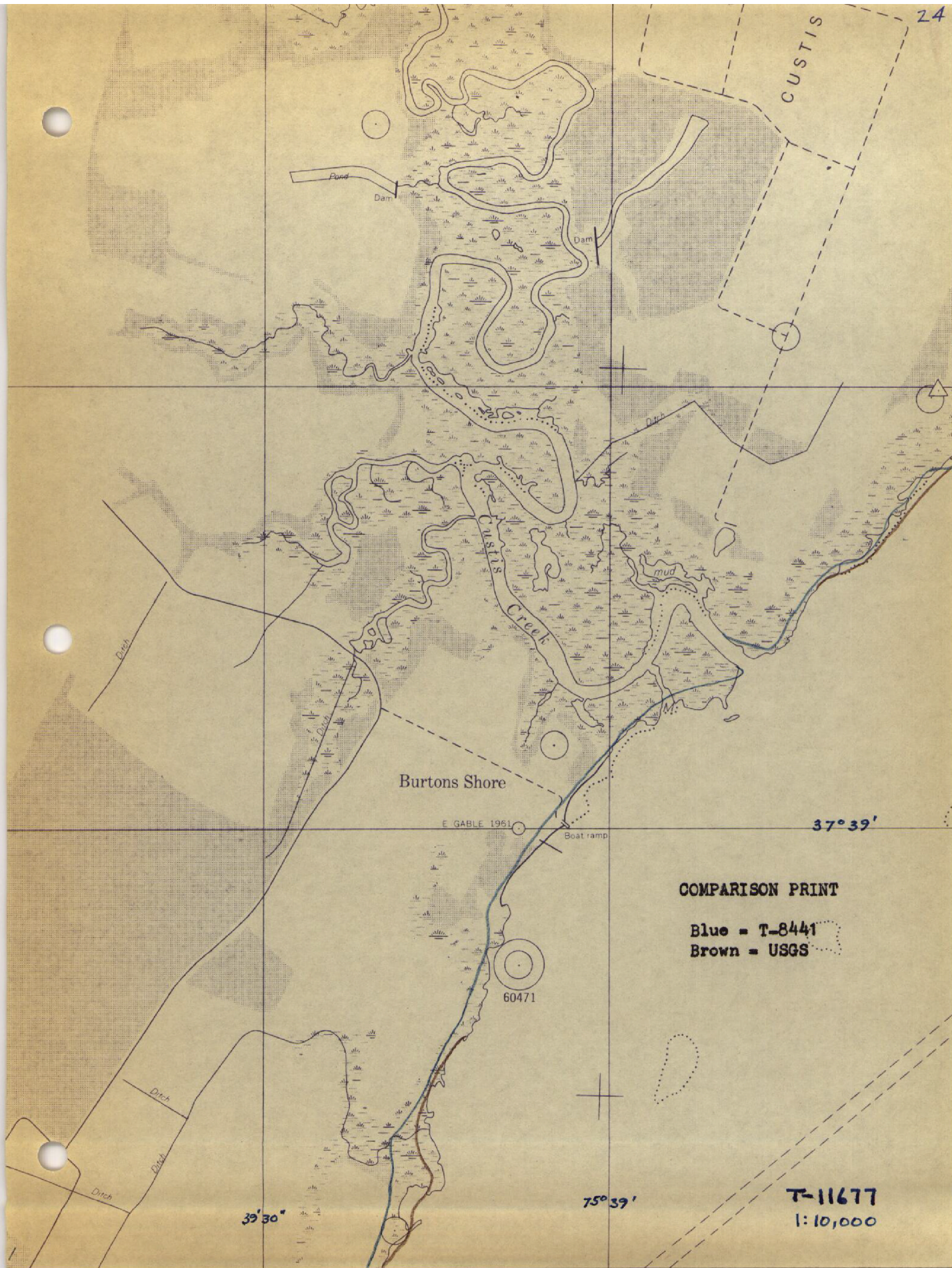
Approved:

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

Approved:

D. H. [Signature]
Chief, Photogrammetric Branch

[Signature]
Chief, Coastal Mapping Division



24

CUSTIS

Pond

Dam

Dam

Ditch

Ditch

Ditch

Burtons Shore

E GABLE 1961

Boat ramp

37°39'

COMPARISON PRINT

Blue - T-8441

Brown - USGS

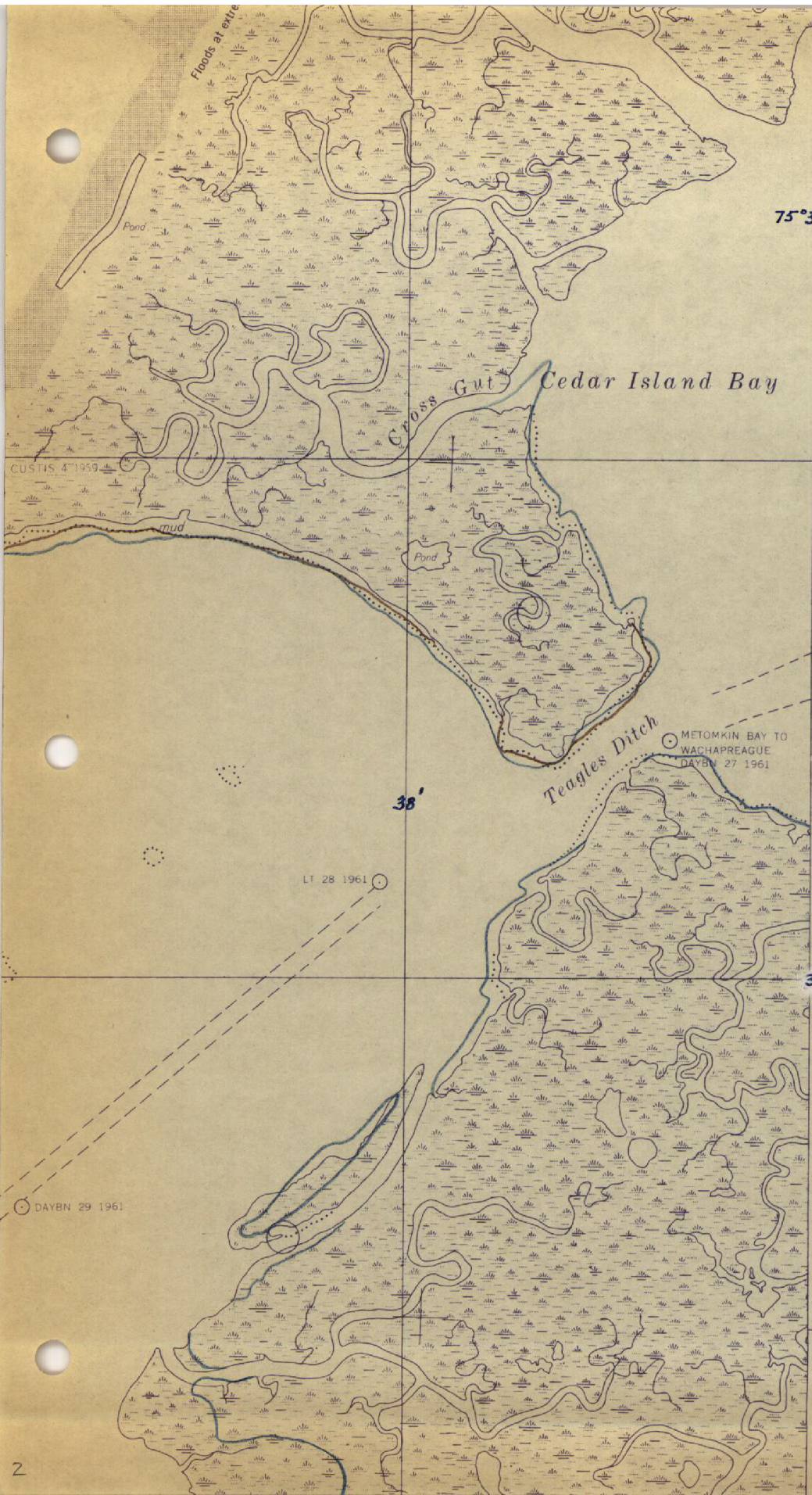
60471

39°30'

75°39'

T-11677

1:10,000



75°37'36"

39'30"

y=495,000 FT.

38'

37°39'

COMPARISON PRINT

Blue = T-8441
Brown = USGS

y=490,000 FT.

T-11677
1:10,000

y = 490,000 FT.

COMPARISON PRINT

Blue = T-8441

38'30"

38'

y = 485,000 FT.

37°37'30"

75°41'15" x = 2,815,000 FT.

41'

40'30"

T-11677
1:10,000

x = 2

INDEX TO ADJOINING SHEETS

LT 30 1961

B U R T O N S

B A Y

36'

COMPARISON PRINT

Blue - T-9441

NOTE:

The photogrammetric location and delineation of features offshore from the mean high-water line on this survey may not be complete or final. The contemporary reviewed hydrographic survey of the area where available, should be consulted for the final delineation.

37°37'30"

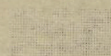
39'30"

x = 2,825,000 FT. 75°39'

38

photogrammetric

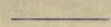
LEGEND



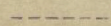
Woodland



Marsh



Hard surface roads



Dirt roads

- △ Recoverable horizontal control station of
- Recoverable horizontal control station of
- Approximate mean low water line

Open areas are cleared or cultivated.

The light shoreline defines the outer limit approximate mean high water.

The heavy shoreline defines the approximate mean high water.

Compiled by photogrammetric methods.

Date of Photography Oct. 1959 April 1961

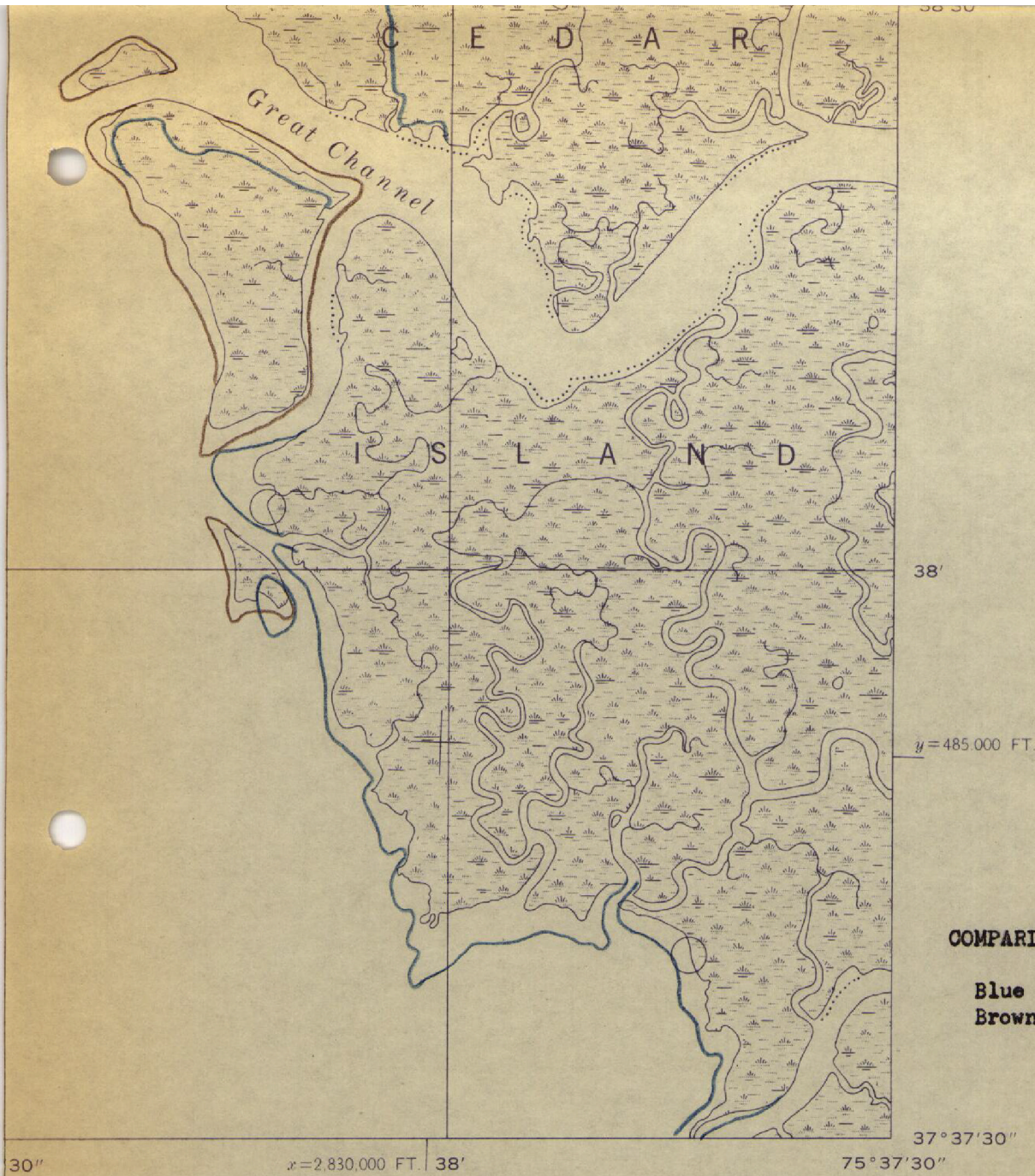
Date of Field Inspection Sept. 1961

Date of Field Edit Oct. 1962

Date of Final Compilation Dec. 1962

Date of Final Review Oct. 1973

T-11677
1:10,000



COMPARISON PRINT

Blue - T-8441
Brown - USGS

U. S. COAST AND GEODETIC SURVEY
SHORELINE MANUSCRIPT
T-11677
VIRGINIA
ACCOMACK COUNTY
CROSS CREEK TO BURTONS BAY
SCALE 1:10,000
(1 inch = 833.33 ft.)

CONTROL DATA
Polyconic projection: 1927 North American Datum
5,000 foot grid based on Virginia (South Zone) plane coordinate system
Datum plane: Mean High Water

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