

ORIGINAL

T-11660



T-11660

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-11660
<i>Field edited map</i>	
LOCALITY	
State	VIRGINIA
General locality	ACCOMACK COUNTY
Locality	COCKLE POINT TO MOSQUITO CREEK
1959-62	
CHIEF OF PARTY	
Joseph K. Wilson, Chief of Field Party	
V.R. Sobieralski, Tampa District Officer	
Alfred C. Holmes, Director, A. M. C.	
LIBRARY & ARCHIVES	
DATE	JUL 1975

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T - 11660

PROJECT NO. (II):

PH-5907

FIELD OFFICE (III):

ACCOMAC VIRGINIA

CHIEF OF PARTY

Joseph K. Wilson

PHOTOGRAMMETRIC OFFICE (III):

Tampa Florida

OFFICER-IN-CHARGE

V. Ralph Sobieralski

INSTRUCTIONS DATED (II) (III):

Field: October 20, 1959
Field Amendment 1: April 26, 1960
Office: December 28, 1960
Office Amendment 1: August 10, 1961
" " 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): ~~MLW~~~~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):

FAR (VFC) 1933

LAT.:

37°56'45.178"(1392.9 m)

LONG.:

75°24'02.595"(63.4m)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

601,790.08 Ft

x = 2,893,613.98 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 (III): W. M. Reynolds; M. A. Stewart		DATE: Nov. 1961
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air photo compilation Date of Photography: October 1959		
PROJECTION AND GRIDS RULED BY (IV): A. Riley (WO)		DATE April 1962
PROJECTION AND GRIDS CHECKED BY (IV): A. Riley (WO)		DATE " "
CONTROL PLOTTED BY (III): V. P. Cackowski		DATE May 1962
CONTROL CHECKED BY (III): R. R. Wagner		DATE " "
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): R. R. Wagner		DATE " "
STEREOSCOPIC INSTRUMENT COMPILATION (III): Inapplicable	PLANIMETRY	DATE
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): P. W. Leikhim Reviewed by: I. I. Saperstein		DATE Nov. 1962 Dec. 1962
SCRIBING BY (III): R. J. Pate Reviewed by: R. R. Wagner		DATE Jan. 1963
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): W. H. Shearouse		DATE Feb. 1963
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

MEASUREMENT (KIND OR SOURCE) (III):

C&GS 9 lens

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60380	10/13/59	0924	1:10,000	0.8 above MLW
60493	"	1045	"	0.5 " "
60494	"	"	"	" " "
60495	"	1046	"	" " "

TIDE (III)

Predicted		RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Sandy Hook		-	4.6	5.6
SUBORDINATE STATION: Chincoteague (Chincoteague Channel)		0.33	1.5	1.8
SUBORDINATE STATION: Franklin City		0.22	1.0	1.2
Atlantic Marine Center REVIEW BY (IV): C. H. Bishop		DATE: 06-05-72		
PROOF EDIT BY (IV):		DATE:		
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 17*		RECOVERED: 5*	IDENTIFIED: 3**	
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:

* Including 2 stations outside project limits
** " 1 " " " "

COMPILATION RECORD

COMPLETION DATE

REMARKS

Alongshore area for hydro	July 1962	Superseded
Alongshore area revised from field edit	Nov. 1962	Superseded
Interior details added Compilation complete	Dec. 1962	Superseded
Final Review	June 1972	

PH-5907

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CAPE CHARLES TO ASSATEAGUE, VA

Planimetric Mapping Scale 1:10,000

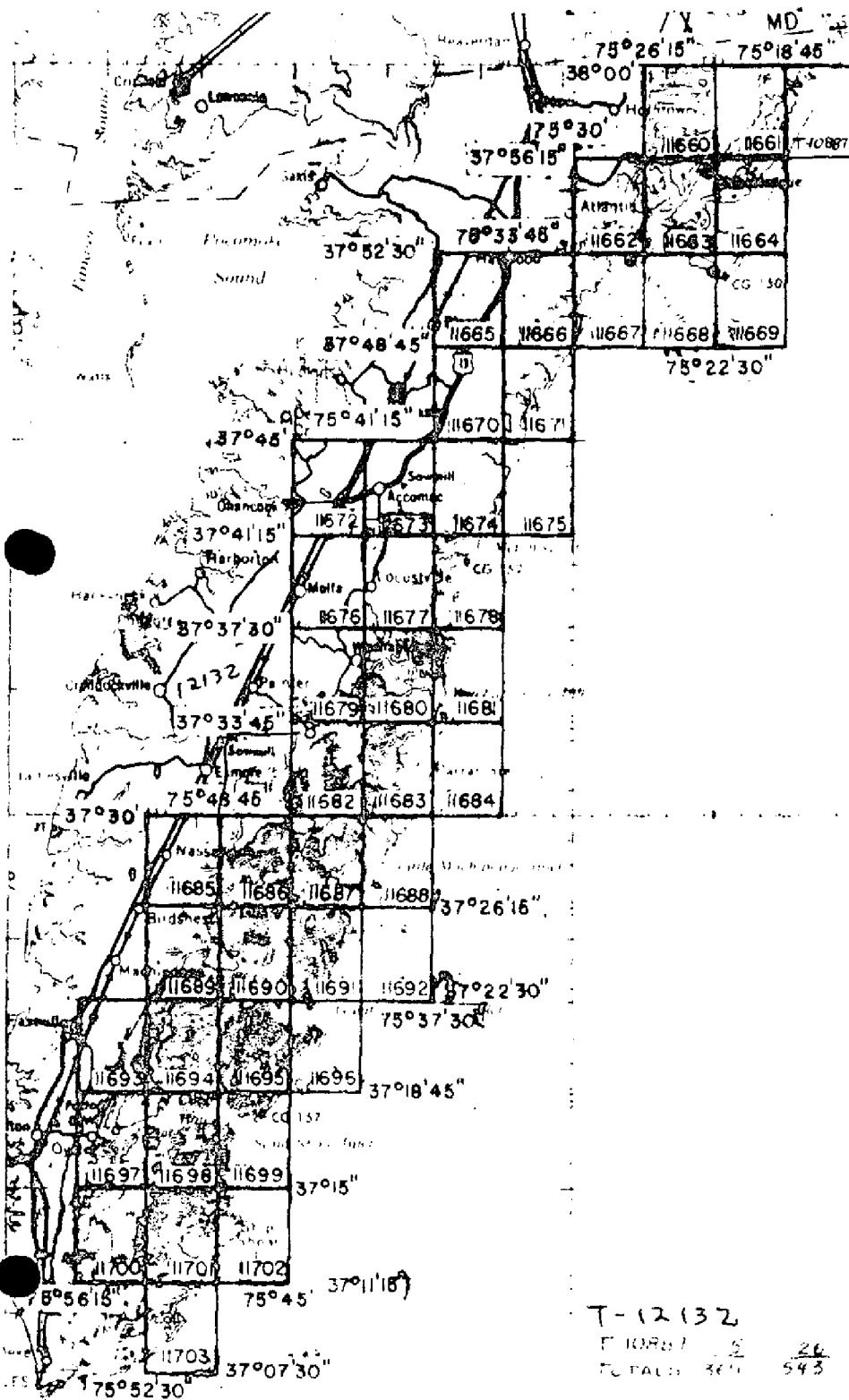
OFFICIAL MILEAGE
FOR COST ACCOUNTS

Sheet No.	Area Sq. Mi.	Lin. Mi Shoreli
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	1	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

TOTAL 361 543

11 9-6



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-11660

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

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

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

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

Field edit was done in August 1962. No changes in shoreline were made. The photogrammetric locations of aids to navigation were verified by theodolite cuts.

Final review was done at the Atlantic Marine Center in June 1972. The compilation manuscript was a vinylite sheet 3 minutes 45 seconds in latitude by 3 minutes 45 seconds in longitude.

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

FIELD INSPECTION REPORT
MAPS 11660 and 11661
PROJECT PH-5907

2. Areal Field Inspection.

These maps are located along the eastern shore of Virginia in the vicinity of Chincoteague Island. The land area consists of a narrow strip of the mainland, along the western side of Chincoteague Bay, the marsh area along the south side of the bay, the northeastern part of Chincoteague Island and a small part of Assateague Island. The area is accessible by one highway and by boat. The mainland portion of the area is devoted to truck farming. Chincoteague is a small incorporated town located along the southern part of Chincoteague Island. The predominate industry is oysters and fishing.

Field inspection is believed complete and was performed on the following nine-lens photographs; 60373 through 60377, 60380, 60381 and 60493 through 60496. The photographs were of good quality and no difficulty was encountered in their interpretation in the field. No items were deliberately left for field edit.

3. Horizontal Control.

All Coast And Geodetic Survey Control was searched for. It is believed that sufficient control was recovered and identified to enable the compiling office to have a strong plot. Two stations requested for identification could not be found. They are COCKLE (V.F.C.) 1933 and LONESOME HOUSE EAST CHIMNEY 1902. No additional control was established.

The following stations were reported lost;

11660	11661
Black Beacon No. 5 (Va) 1934	BLAKE 1934
Red Beacon No. 4 FL R4 1934	Lonesome House
LONG (V.F.C.) 1933	East Chimney 1902
MUD 1934, BLACK 1933	
NARROWS 1933, BOG 1933, NEAR 1933	
LONGPOINT 1907, COCKLE 1933, WIRE 1934	
KILLICK SHOAL LIGHTHOUSE 1902	

4. Vertical Control.

There are no tidal bench marks within the area of these maps.

5. Contours and Drainage.

Contours are inapplicable.

Drainage is self-evident from the photographs.

6. Woodland Cover.

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

7. Shoreline and Alongshore Features.

All of the shoreline was inspected by skiff running close to shore. The mean high water line and apparent shoreline was indicated on the photographs after this inspection.

The low water line was not inspected or located.

There are no bluffs or cliffs.

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

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

Other shoreline structures have been clarified.

8. Offshore Features.

The only offshore features are the aids to navigation and the mud flat areas, at low water, in the bay. The aids are covered by Form 567. Appropriate notes have been made for the mud flat areas.

9. Landmarks and Aids.

All landmarks for nautical charts and fixed aids to navigation are adequately covered by Form 567.

There are no aeronautical aids within these maps.

10. Boundaries, Monuments, and Lines.

The entire area is in Accomack County, Virginia. The only boundaries are a part of the corporate limits of Chincoteague and a part of the limits of Chincoteague National Wildlife Refuge. The corporate limits of Chincoteague have been indicated on photograph 60373 and a copy of the city map is enclosed. The limits of Chincoteague National Wildlife Refuge have not been indicated on the photographs but the limit line follows the mean low water line around Assateague Island and the compiler should indicate these limits on the manuscript.

11. Other Control.

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

11660
MULE 1961
11661
SE gable cabin
CHY on two story house,
painted white, with pink roof

11661
CALL 1961
LAW (1942) 1961
Center of small red Bldg.
SE corner pier ruins
SW corner pier

12. Other Interior Features.

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

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

Measurement of bridges and overhead cables was not required by the project instructions.

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.

City map of Chincoteague, submitted with this data.

Form 567, submitted with this data.

Letter of Transmittal, submitted with this data.

Submitted,

William M. Reynolds
Sub-unit Photo. Party 720

SCALE FACTOR

1 FT - 3048006 METER COMPUTED BY: <i>[Signature]</i>	DATE: <i>Feb 62</i>	CHECKED BY: <i>V/c</i>	DATE: <i>3/21/62</i>	COMM - DC-57843 <i>10</i>
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COMPILATION REPORT
T-11660

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11680

31. DELINEATION

The graphic method was used. The field inspection was adequate and no difficulty was encountered in the interpretations of the photographs.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable. Drainage has been delineated as shown photographically.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water and low water lines are shown as indicated by the field inspection, which was adequate.

36. OFFSHORE DETAILS

Shown as indicated by field inspection.

37. LANDMARKS AND AIDS

All aids to navigation have been located and submitted on Form 567, May 29, 1962 with the exception of GREENBACKVILLE LIGHT 3 which is north of project limits. This aid has been photogrammetrically located and verified by the field editor. Form 567 is submitted herewith. There are no landmarks.

38. CONTROL FOR FUTURE SURVEYS

Two topographic stations have been located and listed under Item 49. One is a marked station for which Form 524 is submitted and the other is a natural object.

39. JUNCTIONS

Junctions have been made to the south with sheet T-11663 and to the east with T-11661. T-12091 of project PH-6103 is to the north. It is being compiled in the Baltimore Office.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with C&GS quadrangle "CHINCOTEAGUE WEST" scale 1:25,000 compiled in 1943, copied by AMS in 1946. The comparison is good.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with chart 1220, scale 1:80,000 edition of Sept. 4, 1961 corrected to Oct. 28, 1961. There are no large changes noted.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Paul W. Leikhim
Carto -Photo Aid

APPROVED AND FORWARDED:

V. Ralph Sobieralski
Tampa District Officer

June 20, 1972

GEOGRAPHIC NAMES

FINAL NAMES SHEET

PH-5907 (Virginia)

T-11660

Chincoteague Bay
Cockle Creek
Cockle Point
Coldkall Creek
Egg Marsh
Far Mouth
Horntown Landing
Middle Mouth
Mosquito Creek
Mosquito Point
New Virginia Cove
Poplar Creek
Red Hill
Sinnickson
State 175 (hwy.)
Swans Gut Creek
Wire Narrows

Approved:

A. Joseph Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

49. NOTES FOR THE HYDROGRAPHER

One marked topographic station was established:

MULE 1961

One photo-hydro station was established:

SE GABLE, 1961 (Green 2-story house)

FORM 182 (8-61)		PHOTOGRAMMETRIC OFFICE REVIEW		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
50.		T- 11660			
1. PROJECTION AND GRIDS WHS		2. TITLE WHS		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 IIS	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		
MISCELLANEOUS	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 William H. Shearouse		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT Milton M. Slavney		
D. 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 Paul W. Leikhim			SIGNATURE OF SUPERVISOR Milton M. Slavney		

FIELD EDIT REPORT

Shoreline field edit was done by W. M. Reynolds in August 1962. There were no shoreline changes.

The photogrammetric positions of the aids to navigation questioned by the Nautical Chart Division were relocated by the field editor, which corroborated our position, see accompanying correspondence.

77

631/lrw

July 5, 1962

Mr. William M. Reynolds

Chief, Photogrammetry Division

Field Edit - Project FH-5907,
Chincoteague, Virginia

The Tampa Compilation Office completed the radial plot for maps T-11660, T-11661 and T-10887 in connection with compiling RS-775 for control of hydrography in the storm damage area of Chincoteague, Virginia.

Several aids to navigation were located in the plot and reported to the Nautical Chart Division on Form 567. The location of some of the aids disagrees with information already on file in that Division, and field verification is required.

We have conferred with Tampa on the telephone. They will compile shoreline and alongshore features, aids, landmarks, etc., on maps T-11660, T-11661 and T-10887, and forward data directly to you.

Field edit the shoreline, aids to navigation, and landmarks. Upon completion, return data to Tampa for application of field edit changes. That office will then submit final Forms 567 to the Nautical Chart Division.

After your field edit survey, the Hydrographic Party Alpha has scheduled a reconnaissance survey of this same area. In addition to photo hydro support, make the results of your field edit available to them.

J. E. Waugh

J. E. Waugh

cc:
TPO, 211,
Goff 720

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
P.O. Box 71, Snow Hill, Maryland

POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

17
RECEIVED

JUL 30 1962

TAMPA DISTRICT OFFICE
23 July 62 G. S.

TO : Chief, Division of Photogrammetry
Coast and Geodetic Survey
Department of Commerce Building
Washington 25, D.C.

SUBJECT : Field Edit, Project Ph-5907,
Chincoteague, Virginia

REFERENCE : Your letter 631/lrw dated 8 July 1962

The aids to navigation in maps T-11630 and T-11631 were relocated last week. These aids were cut in by theodolite from a combination of triangulation and pass points which were plotted on the manuscripts. The cuts were plotted on the manuscripts and none of the aids were moved from the locations as provided by the Tampa Office. These manuscripts with the cuts left intact have been turned over to the Hyde party.

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

Copy mailed to Tampa; Reynolds
verified this work as OK.
7/26/62
RXB

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

STRIKE OUT TWO

Tampa District Office March 13, 1963

I recommend that the following objects which have *(noted/not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted/insert)* the charts indicated.

The positions given have been checked after listing by

I. I. Saperstein

V. Ralph Sobieralski *Chief of Party.*

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 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 16234-P81

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NAUTICAL CHARTS

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISOR
TO BE DELETED
STRIKE OUT TWO

Accomac, Virginia 6 Nov. 1961, 19

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

William P. Hagerline
for Joseph K. Wilson Chief of Party

STATE Virginia			POSITION										METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	NEARBY CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE*		LONGITUDE*				DATUM									
			°	'	D.M. METERS	°	'	D.P. METERS										
	Chincoteague Channel Daybeacon 6		37	53.3		75	23.9		NA 1927	sexant	11663 10/30/61			1220				
X	(Chincoteague Channel Daybeacon 7A 1961)		37	54	04.281	75	25	07.565	"	Tri.	11663	"		"				
	(Chincoteague Channel Light 8 1961)		37	53	49.368	75	24	11.201	"	"	"	"		"				
	Chincoteague Channel Light 9		37	54.3		75	24.4		"	Rad. Plot	11663	"		"				
	(Chincoteague Channel Light 10 1961)		37	54	17.418	75	24	35.090	"	Tri.	11663	"		"				
	Chincoteague Channel Light 11		37	55.1		75	23.8		"	Rad. Plot	11663	"		"				
	Chincoteague Channel Light 12		37	55.7		75	23.5		"	"	"	"		"				
	Chincoteague Channel Light 13		37	55.7		75	23.3		"	"	"	"		"				
	Assateague Cove Light		37	52.5		75	23.3		"	"	"	"		"				
	Chincoteague Inlet Light		37	51.8		75	21.9		"	11669	"	"		"				
/	Chincoteague Bay Light 1		37	56.3		75	22.5		"	Rad. Plot	11660 8/14/61	"		1220				
/	Chincoteague Bay Daybeacon 2		37	56.5		75	22.6		"	"	"	"		"				
/	Chincoteague Bay Light 4		37	56.6		75	22.4		"	"	"	"		"				
	Killick Shoal Obstruction Light		37	56.8		75	22.7		"	"	"	"		"				

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. / - 190/1961

Nautical Chart Branch

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

2 of 7

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

Tampa District Office May 29, 1962

I recommend that the following objects which have ~~been~~ 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 M. M. SlavneyJ. Ralph Sobieralski
V. Ralph Sobieralski Chief of Party

CHARTING NAME	STATE	VIRGINIA	DESCRIPTION	SIGNAL NAME	POSITION			METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE	LONGITUDE	DATUM						
			CHINCOTEAGUE INLET										
			CHINCOTEAGUE CHANNEL										
LIGHT 12			"		37 55	75 23	N.A. Rad. Plot 1927 T-11663#	28.33 692	Oct. 31 1961		X		1220, 1221
LIGHT 13			"		37 55	75 23	"	15.64 382	"		X		"
			CHINCOTEAGUE BAY										
LIGHT 1			"		37 56	75 22	Rad. Plot T-11661#	26.33 613	Aug. 14 1961		X		"
DAYBN 2			" <i>Suspended by CL 713/62</i>		37 56	75 22	"	29.98	"		X		"
LIGHT 4			"		37 56	75 22	Rad. Plot T-11660#	30.96 756	"		X		"
LIGHT			KILLICK SHOAL OBSTRUCTION		37 56	75 22	"	40.42 987	"		X		"
			CHINCOTEAGUE BAY										
DAYBN 6			"		37 56	75 22	"	32.64 797	"		X		"
DAYBN 7			"		37 56	75 22	Rad. Plot T-11661#	25.03 611	"		X		"
LIGHT 9			"		37 57	75 22	"	23.02 562	"		X		"
DAYBN 10			"		37 57	75 22	Rad. Plot T-11660#	40.13 987	"		X		"

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

#Also falls in RS 775

Nautical Chart Branch

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

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NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

Tampa District Office

May 29

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 ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by

M. M. Slavney

V. Ralph Sobieralski
Chief of Party

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE *		LONGITUDE *		DATUM							
				°	'	"	D.P. METERS		°						
		CHINCOTEAGUE INLET		37	58	35.42 1123	75	22	57.52 1100	N.A. Rad. Plot 1927 T-11660	Aug. 14, 1961				1220
		CHINCOTEAGUE BAY		37	59	37.88 1168	75	22	13.69 334	Rad. Plot T-11661	"				"
		"		38	00	00.62 19	75	23	03.89 95	Rad. Plot T-11660	"				"
		VIRGINIA INSIDE PASSAGE													
		CHINCOTEAGUE INLET TO NETOMKIN BAY													
		" " changed for 29/6		37	53	43.68 1317	75	25	36.82 901	Theod. T-11661	Oct. 31, 1961				1000, 1021
		WALLOPS ISLAND APPROACH		37	53	22.15 683	75	27	08.59 210	Rad. Plot T-11662	"				1001
		" " "		37	53	21.15 652	75	27	07.49 183	"	"				"

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.

*Also falls in RS 775

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NAUTICAL CHART BRANCH

NONFLOATING AIDS OR CONDIMARKS FOR CHARTS

STRIKE OUT TWO

TO BE CHARTED
TO BE REVERSED
TO BE DELETED

Accomac, Virginia 6 Nov. 1961 19

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

The positions given have been checked after listing by

For William M. Reynolds Chief of Party

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. / 11006121

★ TABULATE SECONDS AND METERS

REVIEW REPORT T-11660

SHORELINE

JUNE 5, 1972

61. GENERAL STATEMENT

See Summary on page 6 of this Descriptive Report.

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

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

A comparison was made with survey T-8158, scale 1:20,000, dated 1943. Shoreline differences between this survey and T-11660 were shown in blue on the comparison print.

Differences in shoreline were noted throughout the map area. These were attributed to storm action and improvement in mapping techniques.

This map supersedes previous topographic surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with AMS SHEET 5959 IV NW, CHINGO-TEAGUE WEST, VIRGINIA, scale 1:25,000, printed in 1949. This map is a copy of Coast and Geodetic Survey Map T-8158; therefore, differences are the same as noted in Item 62.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with a copy of the boat sheet for Survey H-8764, scale 1:20,000, dated 1962. The only part of T-11660 compared was the southeast corner, from long. 75°23'30" eastward to the sheet limit.

No significant differences were noted in shoreline location. The line of stakes shown on H-8764 were not visible on the photographs and not mapped on T-11660. These are shown in purple on the comparison print.

65. COMPARISON WITH NAUTICAL CHARTS

A visual comparison was made with chart 1220, scale 1:80,000, 18th Edition, dated 17 July 1971. No significant shoreline differences were noted.

65. (Cont'd)

Other differences between chart 1220 and T-11660 are noted in red on the comparison ozalid. Only one charted fixed aid to navigation - Chincoteague Bay Light 12 - appears to be in the same position as mapped in 1962.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

The Photogrammetric Plot Report was not available for final review. No accuracy statement was made in the Compilation Report. No accuracy test was run in the field. However, there is no reason to believe that this map is ^{not} adequate for photohydro support and construction of nautical charts.

Reviewed by:

Charles H. Bishop

Charles H. Bishop
Cartographer
June 5, 1972

Approved for Forwarding:

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

Approved:

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

Approved:

W. R. Dwyer
Chief, Photogrammetric Branch

James C. ...
Chief, Coastal Mapping Division

COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW

75°26'15"
38°00'00"

26'

x=2,885,000 FT. 25'30"

y=620,000 FT

59'30"

Swanscut Creek

Sinnickson

ST. GABLE 196T (Green 2 story hoi

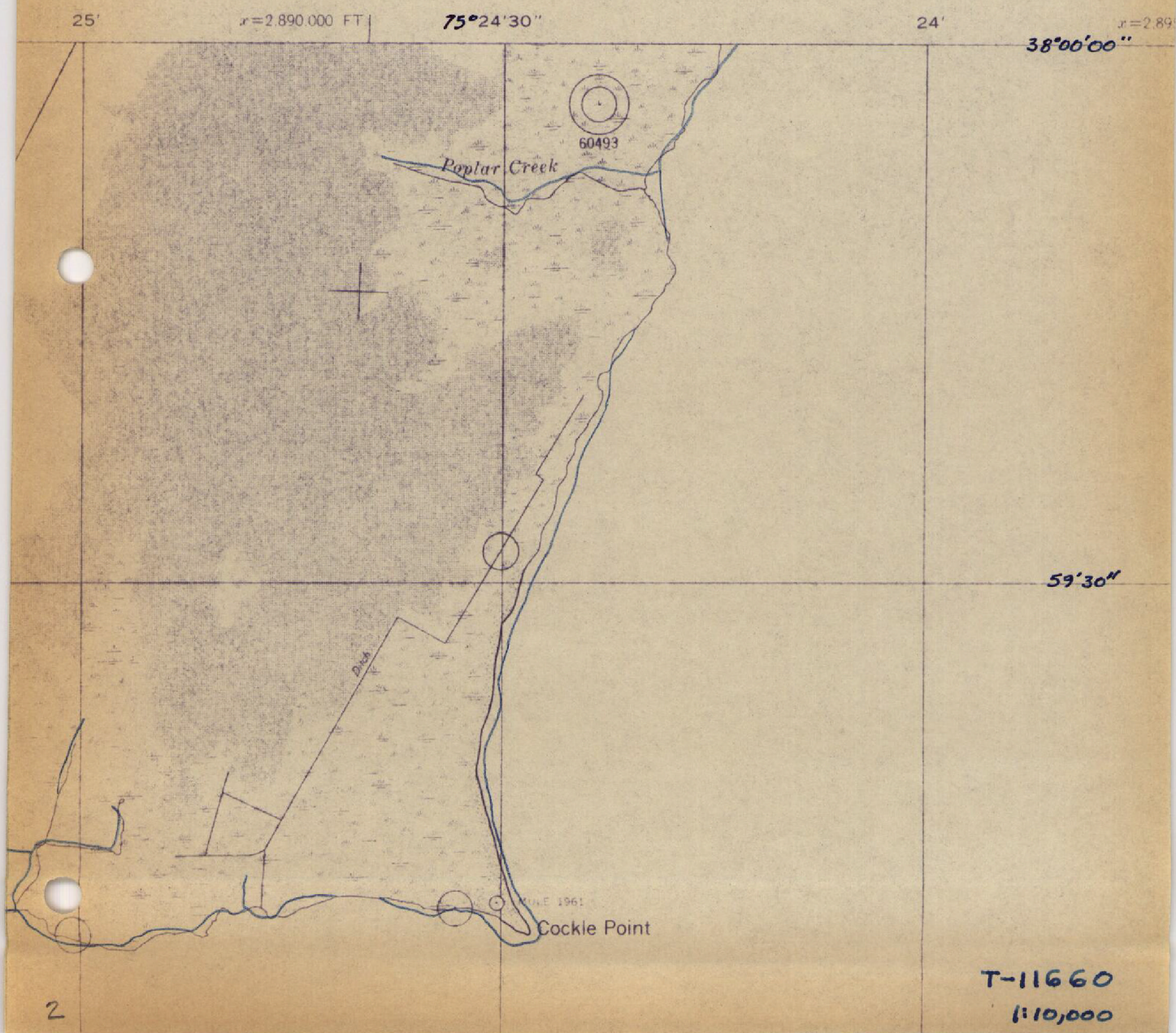
Walkway in ruins

T-11660

1:10,000

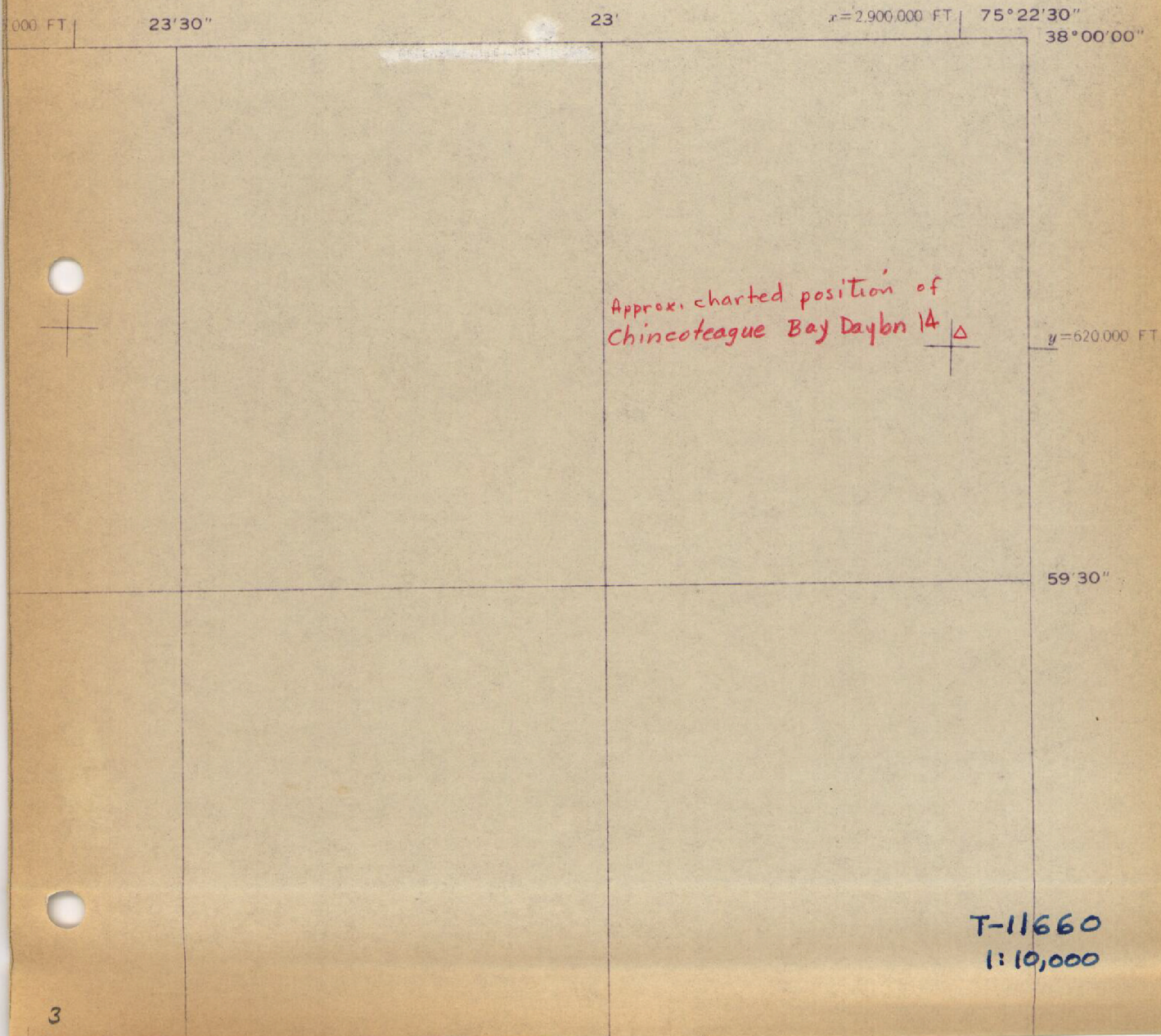
COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW



COMPARISON PRINT

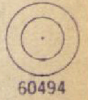
Red = Chart 1220



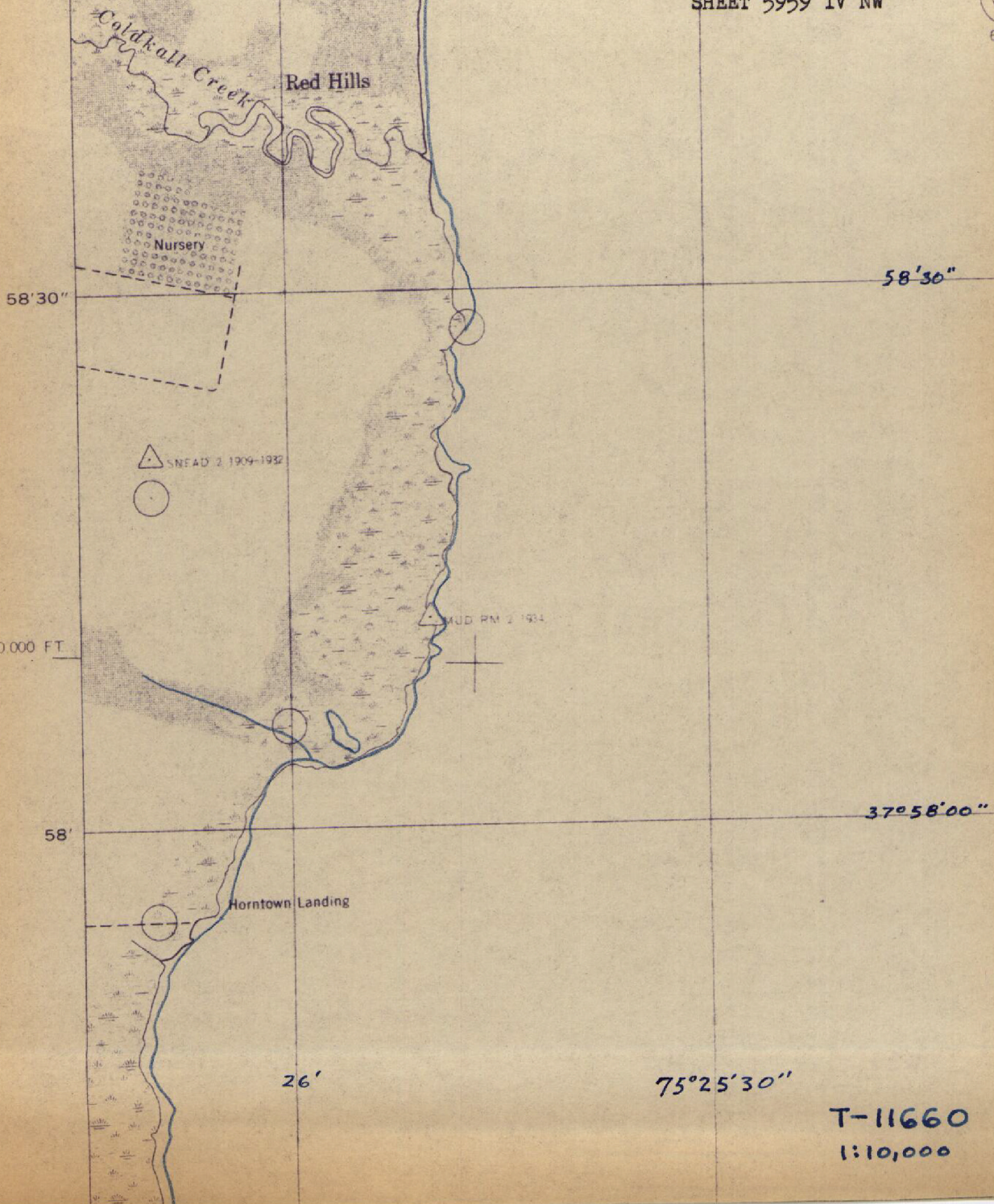
37°59'00"

59'
y=615,000 FT

COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW

60494



y=610,000 FT

59'

y=615,000 FT

COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW

CHINCOTEAGUE BAY LIGHT 12 1962

58'30"

E

B

A

Y

charted position, Daybn 10 →

y=610,000 FT

58'

*Daybn 10
Not charted here*

CHINCOTEAGUE BAY DAYBN 10 1962

23'30"

72°23'00"

T-11660
1:10,000



60495

COMBRISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW

57°30"

y=605,000 FT

Duck blind

Duck blind

Duck blind

57'

Mosquito Point

Mosquito Creek

y=600,000 FT

56°30"

175

Cockle Creek

Oyld Comm Cal

T-11660

37°56'15"

75°26'15"

26'

x=2 885,000 FT

75°25'30"

1:10,000

shell

shallow

Oys

mud

Egg Marsh

mud

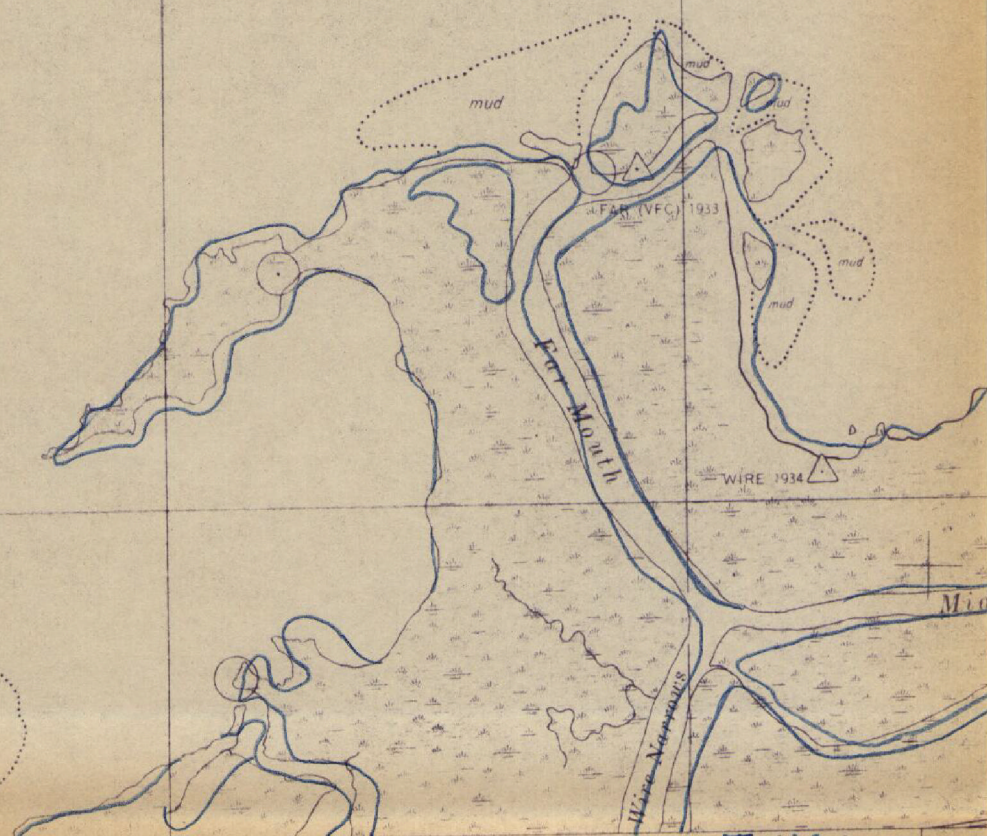
Oys bars

COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW



75°57'30"



25'

r = 2 890 000 FT

75°24'30"

24'

T-11660
1:10,000

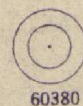
r = 2.89

57°30"

COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW
Red = Chart 1220
Purple = H-8764

y = 605,000 FT



60380

57'

Subm. pile

CHINCOTEAGUE BAY
DAYBN 5 1962

KILICK SHOAL OBSTRUCTION LIGHT 1962

Not charted

CHINCOTEAGUE BAY LIGHT 4 1962

Subm.
pile
(approx. position)

56°30"

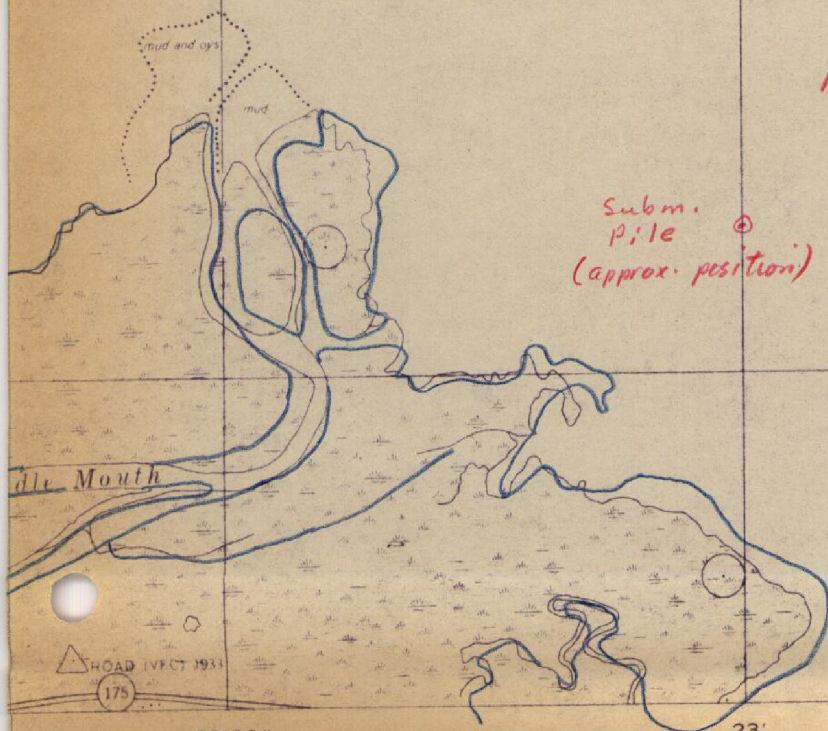
y = 600,000 FT

T-11660
1:10,000

37°56'15"

75°22'30"

x = 2,900,000 FT



ADVANCE MANUSCRIPT

This manuscript is based on field identified control and field inspection data. It is.