

T-11669

Original

T-11669

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-11669
Field edited map	
LOCALITY	
State	VIRGINIA
General locality	ACCOMACK COUNTY
Locality	ASSATEAGUE BEACH LOOKOUT TOWER
1959-62	
CHIEF OF PARTY	
Joseph K. Wilson, Chief of Field Party	
V. Ralph Sobieralski, Tampa Dist. Off.	
Alfred C. Holmes, Director, AMC	
LIBRARY & ARCHIVES	
DATE	JUL 1975

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T -11669

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: April 26, 1960
Office: Dec. 28, 1960
Office Amendment 1: Aug. 10, 1961
Office Amendment 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):

PETER 2, 1959

LAT.:

37° 51' 55.7906" (1720.1m)

LONG.:

75° 22' 07.0575" (172.5 m)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

y = 572,839.75

x = 2,903,834.96

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): W. M. Reynolds		DATE: Nov. 1961 & May 1962
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air Photo Compilation All the shoreline was delineated by enlarging RS 775, 1:20000 scale (see Item 31)		
PROJECTION AND GRIDS RULED BY (IV): A.R. (W.O.)		DATE Apr. 1962
PROJECTION AND GRIDS CHECKED BY (IV): A.R. (W.O.)		DATE Apr. 1962
CONTROL PLOTTED BY (III): V. P. Cackowski		DATE Apr. 1962
CONTROL CHECKED BY (III): V. P. Cackowski		DATE Apr. 1962
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): R. R. Wagner		DATE May 1962
STEREOSCOPIC INSTRUMENT COMPILATION (III): Inapplicable	PLANIMETRY	DATE
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): R. J. Pate Reviewed by: R. R. Wagner		DATE 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 March 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&GS 9 lens

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60368	10/13/59	09:09	1:10,000	1.0 Ft. above MLW

Predicted TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Sandy Hook	-	4.6	5.6
SUBORDINATE STATION: Chincoteague Point	0.57	2.6	3.1
SUBORDINATE STATION:			

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

C. H. Bishop

DATE: Sept. 1973

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 3

RECOVERED: 2

IDENTIFIED: 1

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

2

RECOVERED: 2

IDENTIFIED 1

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

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

REMARKS:

* Natural object, no Form 524 submitted

COMPILATION RECORD

COMPLETION DATE

REMARKS

Manuscript complete	December 1962	Superseded
Final Review	September 1973	

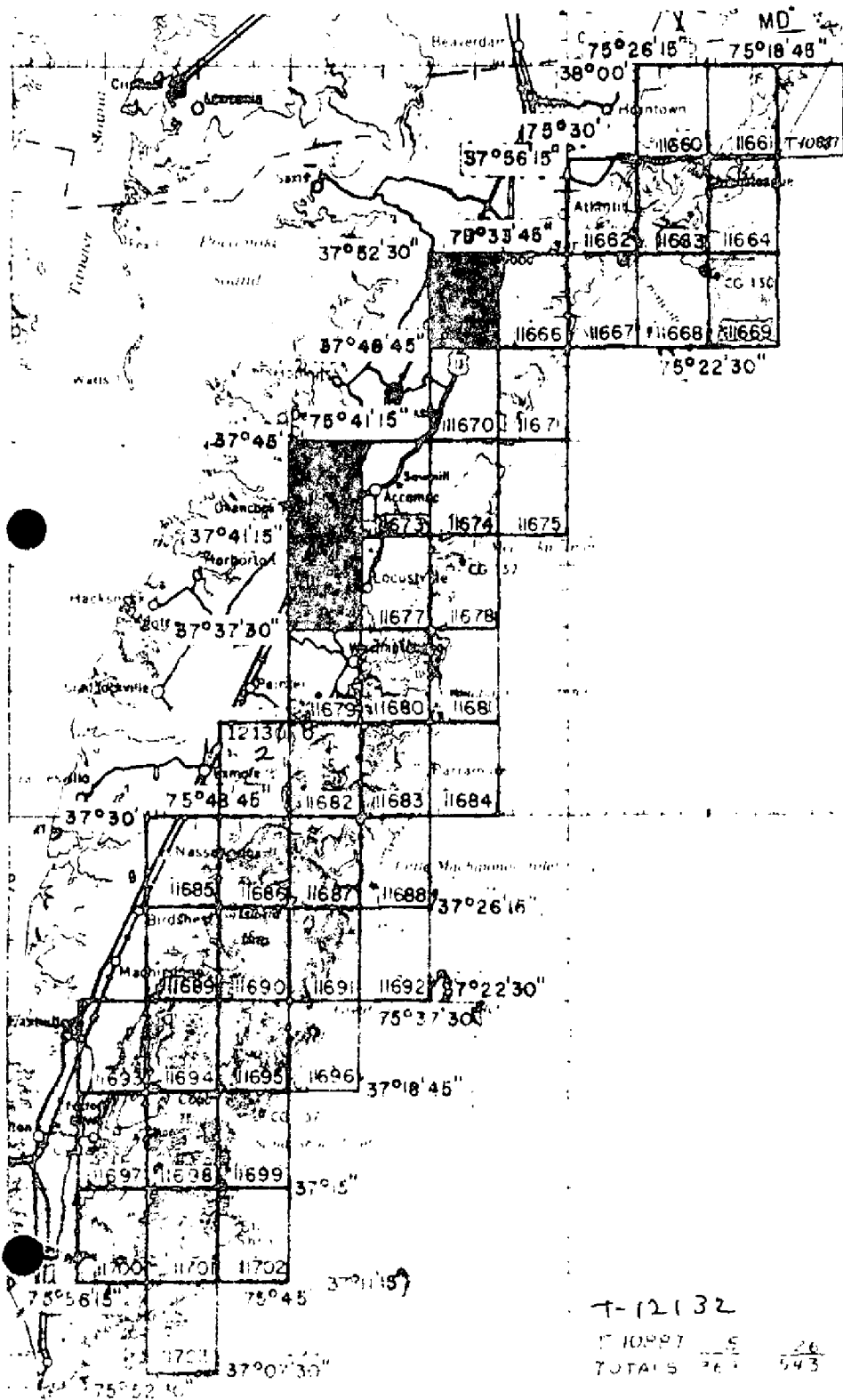
PH-5907

5.

CAPE CHARLES TO ASSATEAGUE, VA

Planimetric Mapping Scale 1:10,000

OFFICIAL MEASURE
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	9	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	24
11702	4	1
11703	6	23

T-12132
TOTALS 543

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-11669

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 in the project.

Field inspection prior to compilation was done on 9-lens photographs in November 1961 and on single-lens photographs taken after the hurricane in March 1962.

This map was copied from RS-775, the compilation of which was based on control established by a radial plot using 9-lens photography of October 13, 1959, supplemented by the single-lens photographs taken after the hurricane. 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 July 1962 and applied to the 1:10,000 scale maps rather than to RS-775.

Final review was done at the Atlantic Marine Center in September, 1973. Geographic names were corrected to agree with the Final Names List dated June 22, 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 were forwarded for record and registry.

FIELD INSPECTION REPORT
MAPS 11667, 11668 and 11669
PROJECT PH-5907

2. Areal Field Inspection.

These maps are located along the eastern shore of Virginia, in Accomack County. The land area consists of the major part of Wallops Island and the southwestern part of Assateague Island. Wallops Island, located in map 11667, is the location of the launching pads of the National Aeronautics and Space Administration. The rockets fired from here are primarily used to gather information on the weather in outer space. The southwestern part of Assateague Island is un-inhabited except for the Coast Guard Life Saving Station, located in map 11669.

Field inspection is believed complete as of 11-15-61. However, the area of Wallops Island is changing rapidly due to new construction and this area should be checked for changes by field edit. Field inspection was performed on the following nine-lens photographs; 60368, 60371, 60384, 60385, 60499, 60500, 60522 and 60523. Photography was of good quality and no difficulty was encountered in their interpretation in the field. There are no unusual tone changes in this area.

3. Horizontal Control.

All Coast and Geodetic Survey Control was searched for. There was no supplemental control established by the field party.

The copy of the project diagram, on which the requirements for identification of control was specified, was not met in one instance. The diagram specified that either station BOGUE (V.F.C.) 1933 or EASY (V.F.C.) 1933 be identified but neither of the stations could be recovered. It is believed that sufficient control was identified to enable the office to have a strong plot.

The following stations were reported lost;

11667	11668	o
BOGUE (V.F.C.) 1933	none	
EASY (V.F.C.) 1933		
MAC 1949, N.A.C.A. No. 1 1951	11669	
N.A.C.A. No. 4 1951	PETER 1949	
Wallops Beach Coast Guard 2		
(Lookout Cupola) 1936		

4. Vertical Control.

Two tidal bench marks of this bureau were recovered and one was identified. These marks are Assateague Coast Guard, Chincoteague Inlet Tidal Bench Marks 17 RESET (1934) and Bench Mark 18 (1933).

5. Contours and Drainage.

Contours are inapplicable.

Drainage from the islands is runoff. The tidal streams are self-evident from 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 Wallops Island was located by measurement from identifiable photo. points. The mean high water line around Fishing Point, map 11668 was indicated by inspection and as photographed. This area changes frequently and the map should carry a notation to this effect.

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 or located.

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.

8. Offshore Features.

The only offshore features are the mud flats, at low water, in Bogue Bay, map 11667. Appropriate notes have been made on the photographs.

9. Landmarks and Aids.

Landmarks for nautical charts and fixed aids to navigation are adequately covered by Form 567. This form was submitted to Washington on 11-9-61.

10. Boundaries, Monuments and Lines.

The only boundaries within these maps are the limits of The National Aeronautics and Space Agency, map 11667, and the limits of Chincoteague Wildlife Refuge in maps 11668 and 11669. The limits of the space agency follows the mean low water line around Wallops Island. The limits of the wildlife refuge follows the mean low water line around Assateague Island.

11. Other Control.

The following recoverable topographic stations were identified for location by the plot; Tower 1961 and East Gable Galvanized Tin Building 1961. Both objects are in map 11667. There were no stations identified in maps 11668 or 11669.

12. Other Interior Features.

The roads on Wallops Island have been classified in accordance with Photogrammetry Instruction No. 54.

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

Measurement of bridges or cables was not required.

There are no airports or landing fields in the area.

13. Geographic Names.

A systematic investigation of names was not required. There are no new names recommended for mapping.

14. Special Reports and Supplemental Data.

Form 567, submitted to Washington 11-9-61.

Letter of Transmittal, submitted with this data.

Submitted,

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

MAP T-11669

PROJECT NO. Ph 5907

SCALE OF MAP 10,000.

SCALE FACTOR

[illegible]

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

DATE Feb 1962

CHECKED BY: *VPC*

DATE _____

2/30/20

COMM-DC-57843 10.

11

COMPILATION REPORT
T-11669

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11680

31. DELINEATION

Field inspection was adequately done in November 1961 on the 1959 nine lens photographs but the March 7-9, 1962 storm made such drastic changes in Asseateague Island that new photographs and inspection were furnished for compilation of RS 775 (1:20000 scale). This map is an enlargement of part of RS 775 the shoreline of which was field inspected in May 1962 on April 1962 single lens photographs and was field edited in June 1962.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline delineation is discussed under Item 31.

Alongshore details were compiled in accordance with field inspection notes.

36. OFFSHORE DETAILS

Offshore details were delineated according to field inspection notes.

37. LANDMARKS AND AIDS

One aid was located, CHINCOTEAGUE INLET LT 1962. The position was submitted on Form 567 June 29, 1962.

38. CONTROL FOR FUTURE SURVEYS

One unmarked topographic station was established and listed under Item 49. It is a natural object and no Form 524 was submitted.

39. JUNCTIONS

A satisfactory junction has been made with T-11668 on the west and T-11664 on the north. There is no survey to the south or east, this area being open waters of the Atlantic Ocean.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with quadrangle CHINCOTEAGUE EAST 1:25000 scale compiled by USC&GS in 1942, copied by AMS 1946. The shoreline is the same general shape although the shoreline on the south and southwest end of Assateague Island is about 100 meters further seaward.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with chart 1220, scale 1:80,000 edition of Sept. 1961 corrected Oct. 1961 and chart 1221 edition of March 1962 scale 1:80,000. The comparison was generally favorable.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None

Russell J. Pate
Russell J. Pate
Carto Photo Aid

APPROVED AND FORWARDED: -8 APR 1963

V. Ralph Sobieralski
V. Ralph Sobieralski
Tampa District Officer

June 22, 1972

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-5907 (Virginia)

T-11669

Assateague Island

Atlantic Ocean

Chincoteague National Wildlife Refuge

Toms Cove

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 unmarked recoverable topographic station was established:

ABANDONED LIGHT BASE 1962

FORM 182 (3-61)		PHOTOGRAMMETRIC OFFICE REVIEW		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
50.		T- 11669			
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 WHS	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC PLOT REPORT MMS	
	11. DETAIL POINTS 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 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 XX	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. Slaney</i> Milton M. Slaney		
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT-Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.					
SIGNATURE OF COMPILER			SIGNATURE OF SUPERVISOR		

FIELD EDIT REPORT

RS 775 (1:20,000 scale) of which T-11669 is a part, was field edited in June 1962 by William M. Reynolds. Those field edit corrections were applied to this map. No field edit report has been received.

WORKING OUTSIDE FOR LANDMARKS FOR CHARTS

TO BE CHARTERED
TO BE REWISSED
TO BE OBSERVED

STRIKE OUT TWO

Accomac, Virginia 8 November 1961 19

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

The positions given have been checked after listing by

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

for Joseph K. Wilson Chief of Party.

STATE		Virginia		802 F-601		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	METHOD OF LOCATION AND SURVEY NO.		DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED									
			°	'			D.M. PETERS	"														
TANK	(Chincoteague Water Tank 1933) Flav. steel 116 ft. high (119) (Assateague Beach Coast Guard Lookout Tower No. 150 1959) 50 ft. high, (55)		37	55	58.047	40.307	NA	1927	11663	11-6-61	X	1221										
TOWER			37	51	13.976	06.644	"	"	11669	11-6-61	"	"										
TOWER			37	52	34.536	32.652	"	"	11662	11-6-61	"	"										
TANK	(Wallops Island WACA Water Tank 1949) 110 ft. high (116)		37	50	32.190	48.826	"	"	11667	11-6-61	"	1221										
BRADIO TOWER	(Wallops Island NASA Radio Tower skeleton steel 256 ft. high (264))		37	50.2	992.4	1195.6	"	Rad. Plot	11667	11-6-61	"	"										

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if determined, 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

L-1190(1961)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NAUTICAL CHART

NONFLOATING AIDS OR MARKERS FOR CHARTS

TO BE CHARTED
TO BE REVISED
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 ~~be~~ ^{be} the charts indicated.

The positions given have been checked after listing by

William M. Wilson
for 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						
			° ' "	D.M. METERS	° ' "	D.P. METERS							
	Chincoteague Channel Daybeacon 6		37 53.5	04.381	75 23.9	07.565	NA	Sextant	11663 10/30/61	7			1220
X	Chincoteague Channel Daybeacon 7A 1961		37 54	49.368	75 25	11.201		Tri.	"	"	"	"	1221
	Chincoteague Channel Light 8 1961		37 53	49.368	75 24			"	"	"	"	"	"
	Chincoteague Channel Light 9		37 54		75 24.4			Rad. Plot	"	"	"	"	"
	Chincoteague Channel Light 10 1961		37 54	47.418	75 24	35.090		11663	"	"	"	"	"
	Chincoteague Channel Light 11		37 55		75 23.8			Rad. Plot	"	"	"	"	"
	Chincoteague Channel Light 12		37 55		75 23.5			"	"	"	"	"	"
	Chincoteague Channel Light 13		37 55		75 23.3			"	"	"	"	"	"
	Assateague Cove Light		37 52		75 23.3			"	"	"	"	"	"
	Chincoteague Inlet Light		37 51		75 21.9			"	"	"	"	"	"
	Chincoteague Bay Light 1		37 56		75 22.5			11669	"	"	"	"	1220
	Chincoteague Bay Daybeacon 2		37 56		75 22.6			Rad. Plot	11660 8/14/61	"	"	"	"
	Chincoteague Bay Light 4		37 56		75 22.4			"	"	"	"	"	"
	Killlick Shoal Obstruction Light		37 56		75 22.7			"	"	"	"	"	"

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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 ~~(stricken)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(stricken from)~~ the charts indicated.

The positions given have been checked after listing by

M. M. Slavney
M. M. Slavney

V. 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	NARROW CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE	LONGITUDE	DATUM						
					° ' "	° ' "							
					D.M. METERS	D.P. METERS							
LIGHT		SEACOAST											
		ASSATEAGUE (ASSATEAGUE LIGHT-HOUSE 1902)			39.798	22.992	N.A.	Triang.	Apr. 28				1229, 1221
					1227.0	561.6	1927	T-11654	1962				1000, 1199
		CHINCOTEAGUE INLET						Radial					
					48.23	43.62		Plot	Oct. 31				1223, 1221
					1487	1068	"	T-11663	1961				1109
		CHINCOTEAGUE CHANNEL						Radial					
					35.16	32.04		Plot					1229, 1221
					1084	783	"	T-11663	"				1109
		ASSATEAGUE COVE			16.45	01.92		Theod.	Apr. 28,				
					507	17		T-11663	1962				1000, 1221
		CHINCOTEAGUE CHANNEL			35.97	59.88		Sextant	Oct. 30,				
					1109	1463	"	T-11663	1961				"
		"			04.38	07.56		Theod.	"				"
					135	185	"	T-11663	"				"
					49.37	11.20		"	Apr. 28,				"
					1522	271	"	"	1962				"
					35.12	28.78		Rad. Plot	"				"
					1092	703	"	T-11663	"				"
					17.42	35.09		Theod.	"				"
					537	857	"	T-11663	"				"
					04.67	51.75		Rad. Plot	"				"
					144	1264	"	T-11663	"				"

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

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

10/16/44/11/16/1
TO BE REVISED
79/8/79/8/79/8

STRIKE OUT TWO

Tampa District Office June 29, 1962

I recommend that the following objects which have ~~(11/16/44)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(11/16/44/11/16/1)~~ the charts indicated.

The positions given have been checked after listing by

James J. Papertstein
I. I. Papertstein

William A. Sobieralski
for V. Ralph Sobieralski 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						
			° ' "	D. M. METERS	° ' "	D. P. METERS								
	CHINCOTEAGUE INLET		37 51	14.95 1386	75 21	53.35 1304	N.A. 1927	Photo Plot T-11669*	6/21/62	X	X		1220,1221 1109	
	CHINCOTEAGUE CHANNEL													
DAYBN 2	**		37 51	04.38 135	75 25	07.56 185	" T-11662*	Pho Plot T-11662*	6/12/62	X	X		1220,1221	
LIGHT	ASSATEAGUE COVE		37 52	24.71 1071	75 23	32.65 728	" "	" "	"	X	X		" "	
DAYBN 2	CHINCOTEAGUE BAY		37 56	27.76 856	75 22	29.77 727	" T-11661*	Pho Plot T-11661*	"	X	X		" "	
	* Also falls in RS 775													
	** Daybn number changed from 7A. Same position.													

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

REVIEW REPORT T-11669

SHORELINE

October 9, 1973

61. GENERAL STATEMENT

See Summary on page 6 of this Descriptive Report.

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

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

A comparison was made with Survey T-8157, scale 1:20,000, dated 1943. Significant shoreline changes are shown in blue on the comparison print. The general shape of the shoreline is the same, but there is considerable shift in position.

In the area compared, T-11669 supersedes the registered survey for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with AMS SHEET 5959 IV NE, CHINCOTEAGUE EAST, VIRGINIA, 1:25,000 scale, printed in 1949. This map is a copy of C&GS Map T-8157 in the area compared; therefore, differences are the same as noted in Par. 62.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

No contemporary hydrographic surveys were available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS

A visual comparison was made with Chart 1221, scale 1:80,000, 16th edition, dated September 11, 1971. No significant differences were noted. The chart scale was not adequate for a meaningful comparison.

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. No accuracy test was run in the field. However, there is no reason to believe that accuracy was sub-standard. It is believed that this map is adequate for photo-hydro support and construction of nautical charts.

Reviewed:

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

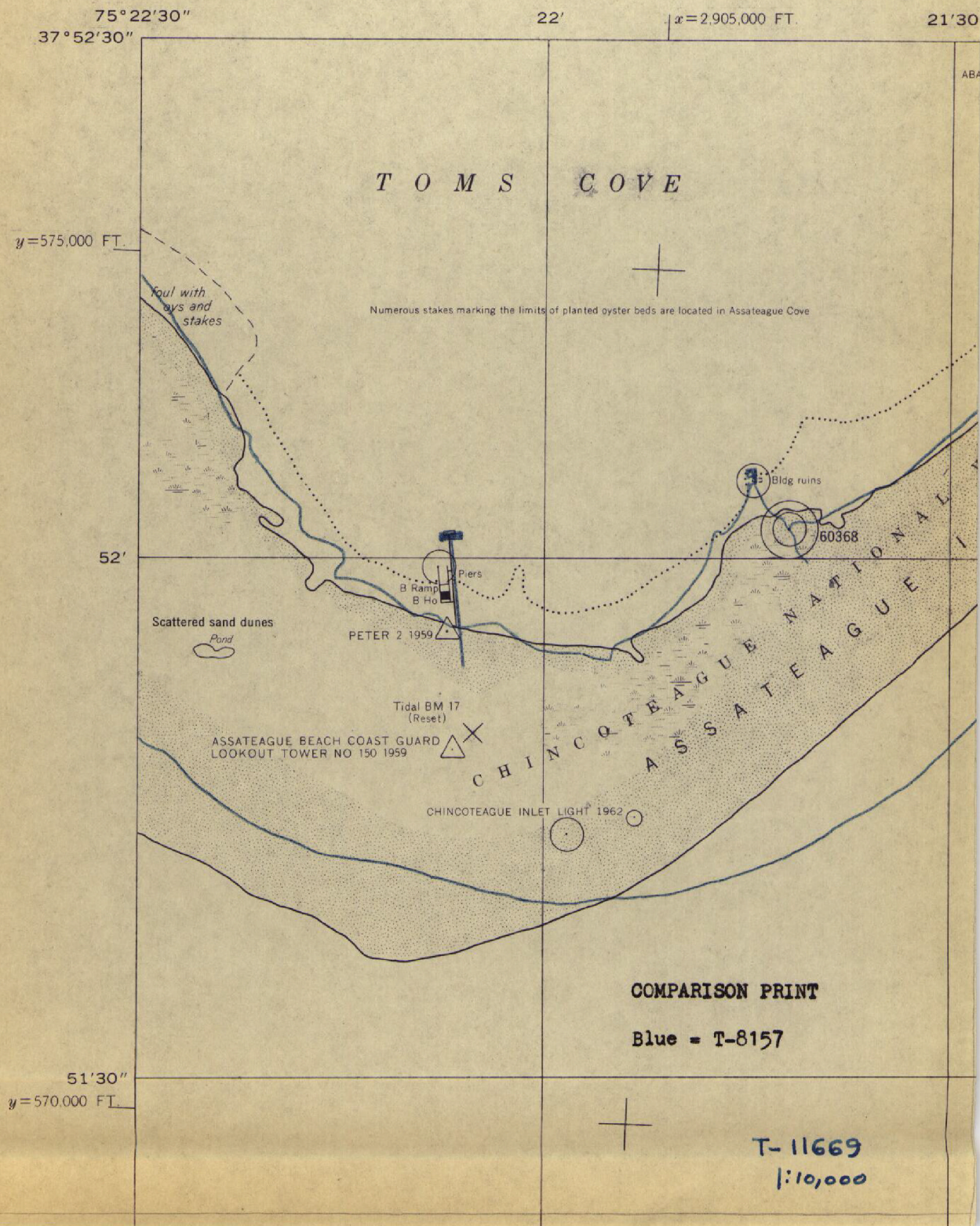
Approved:

DK Thompson
Chief, Photogrammetric Branch

James Allen
Chief, Coastal Mapping Division

T-11669

23



21' $x=2,910.000$ FT. 20'30"

ABANDONED LIGHT BASE 1962

WIG 962

mud

WILDLIFE REFUGE
SLAND

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.

COMPARISON PRINT

Blue - T-8157

T-11669

1:10,000