

T-11663

T-11663

Form 504 U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-11663
LOCALITY State VIRGINIA General locality ACCOMACK COUNTY Locality CHINCOTEAGUE POINT	
<u>19 59-62</u> CHIEF OF PARTY Joseph K. Wilson, Chief of Field Party V. Ralph Sobieralski, Tampa District Office Alfred C. Holmes, Director, A. M. C.	
LIBRARY & ARCHIVES DATE JUL 1975	

DESCRIPTIVE REPORT - DATA RECORD

T - 11663

PROJECT NO. (II):

PH-5907

FIELD OFFICE (III):

Accomac, Va.

CHIEF OF PARTY

Joseph K. Wilson

PHOTOGRAMMETRIC OFFICE (III):

Tampa, Fla.

OFFICER-IN-CHARGE

V. Ralph Sobieralski

INSTRUCTIONS DATED (II) (III):

Field: October 20, 1959
 Field: Amendment 1 - April 26, 1960
 Office: December 28, 1960
 Office: Amendment 1 - August 10, 1961
 Office: Amendment 2 - September 29, 1961

METHOD OF COMPILATION (III):

Graphic

MANUSCRIPT SCALE (III):

1:10,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

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

~~W.F.C. 1927~~ - 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):

WILLIS (V.F.C.) 1933

LAT.: ✓ / ✓ / ✓

37°54' 16.995" (524.0m.)

LONG.: ✓ / ✓ / ✓

75°26' 10.917" (266.7m.)

 ADJUSTED UNADJUSTED

PLANE COORDINATES (IV):

y = 586,473.55 Ft.

x = 2,883,826.46 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		DATE: November 1961
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air Photo Compilation Date of photography: October 13, 1959 (9" lens) April 28, 1962 (S.L.) MHWL of Assateague Island in vicinity of latitude $37^{\circ}52'5"$, from sextant fixes and shoreline distances of May 7, 1962		
PROJECTION AND GRIDS RULED BY (IV): A. R. (W.O.)		DATE April 1962
PROJECTION AND GRIDS CHECKED BY (IV): A. R. (W.O.)		DATE April 1962
CONTROL PLOTTED BY (III): R. D. Purvis		DATE Sept. 1962
CONTROL CHECKED BY (III): R. J. Pate		DATE Sept. 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): Reviewed by: R. J. Pate W. H. Shearouse	DATE Oct. 1962 Dec. 1962	
SCRIBING BY (III): " Reviewed by: R. Dossett R. R. Wagner	DATE Dec. 1962 Dec. 1962	
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. R. Wagner	DATE Feb. 1963	
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III): C&GS Nine-lens
WILD - W

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60371	10-13-59	0915	1:10,000	0.3 ft above MLW
60381	"	0925	"	0.3 " " "
60382	"	0925	"	0.3 " " "
60383	"	0926	"	0.3 " " "
62W-3773	4-28-62	1025	1:20,000	0.5 " " "
62W-3845	"	(approximate)	"	0.5 " " "
62W-3846	"	"	"	0.5 " " "
62W-3847	"	"	"	0.5 " " "

Predicted TIDE (III)

		RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION:	Sandy Hook		4.6	5.6
SUBORDINATE STATION:	Bogues Bay, Chincoteague Inlet	HW -1.6 LW 0.0	3.0	3.6
SUBORDINATE STATION:	Chincoteague Point	0.57	2.6	3.1
Atlantic Marine Center WASHINGTON, D.C. REVIEW BY (IV):	C. H. Bishop	DATE:	14 June 1972	
PROOF EDIT BY (IV):		DATE:		
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):	7	RECOVERED:	IDENTIFIED:	
		3	3	
NUMBER OF BM(S) SEARCHED FOR (II):	7	RECOVERED:	IDENTIFIED:	
		0	0	
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):	7			

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

REMARKS:

2 triangulation stations were established. No descriptions were furnished the Tampa office.

COMPILATION RECORD

COMPLETION DATE

REMARKS

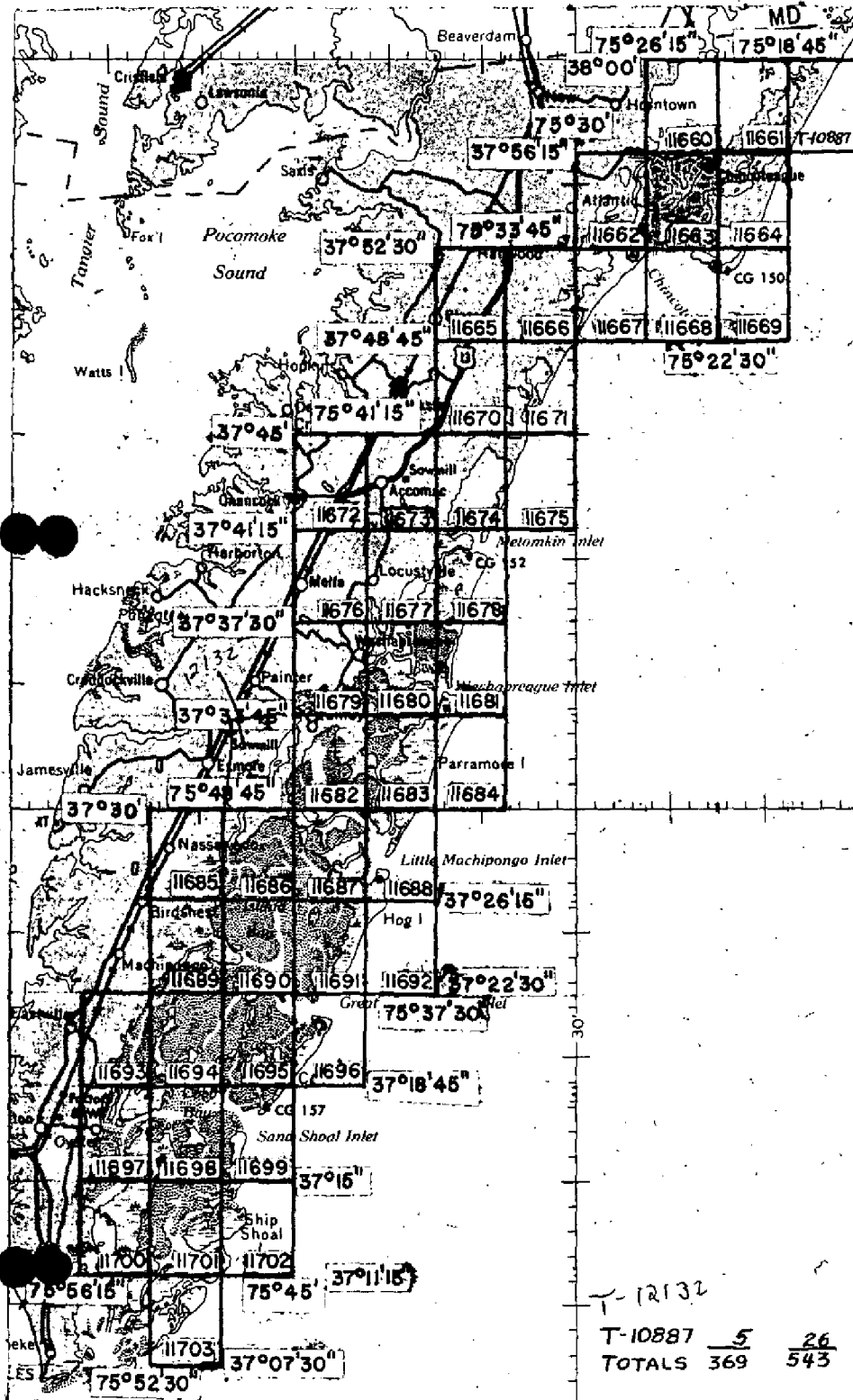
COMPILATION RECORD	COMPLETION DATE	REMARKS
Manuscript complete	December 1962	
Final Review	June 1972	

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. Shorelin
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
TOTALS	369	543

T-12132
T-10887 5 26
TOTALS 369 543

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-11663

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 severe storm which occurred in March, 1962, were used in conjunction with the 9-lens photographs for compilation of this map.

Field edit was done in June 1962. No field edit ozalid, photographs, or report were available at the time of final review.

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 11662-11663-11664 and 10887
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 a portion of the mainland along the west sides of Powells and Watts Bays, Map 11662, the Walker Marsh, same map, the south part of Chincoteague Island and the northeast end of Wallops Island, Map 11663 and a part of Assateague Island located in Maps 11664 and 10887. The water areas consist of the aforementioned bays, parts of Chincoteague Channel and Inlet, part of Assateague Channel and all of Assateague Cove.

The mainland area is devoted to truck farming. The marsh area is not inhabited. The Chincoteague Island area, having a town by the same name, serves as home port for numerous boats used for commercial and sport fishing. All of Assateague Island, covered by these maps, is a wildlife refuge and is not inhabited.

All of the water areas are shoally and navigable by shallow draft boats only.

Field inspection is believed complete and was performed on the following nine-lens photographs; 60363 through 60368, 60371 through 60374, 60381 through 60384, 60483 through 60486 and 60496 through 60499. The photographs were of good quality and no difficulty was encountered in their interpretation in the field. There were no unusual tone changes in the area covered by these maps. No items were deliberately left for field edit.

3. Horizontal Control.

All Coast and Geodetic Survey Control was searched for. Six fixed aids to navigation were located by intersection from previously established stations. These stations are; Chincoteague Channel Light 5, Daybeacon 7A, Light 8 and Light 10, Chincoteague Inlet to Metomkin Bay Light 1 and Light 3. Field computations are submitted but no adjustments were made.

The requirements for identification of horizontal control, as indicated by a copy of the project diagram, were not met in four instances. Station Lonesome House East Chimney 1902, Map 10887, has been destroyed. Stations Assateague Boathouse On Beach East Gable 1902 and Assateague Beach Life Saving Station 1902, Map 11664, have been destroyed. Stations INLET 1934 and Fishing Point Light 1933, Map 11663, have been destroyed.

Item 3, Horizontal Control Cont'd.

A station will be established in the vicinity of Lonesome House East Chimney 1902 by Photo. Party 723 in performing the field work for Project Ph-6103. This position and identification will be made available to the office for use on Project Ph-5907.

The following stations were reported lost;

11662	11663
EASY RM NO.1 1949	INLET 1934
WHITE (V.F.C.) 1933	QUEEN (V.F.C.) 1933
ISLE HOLE (V.F.C.) 1933	WALL 1934
	Fishing Point Light 1933
11664	
Assateague Beach Life Saving Station 1902	
Assateague Boathouse On Beach East Gable 1902	
10887	
none	

4. Vertical Control.

Thirteen tidal bench marks of this bureau were searched for and four were recovered.

5. Contours and Drainage.

Contours are inapplicable.

Drainage along the mainland has been indicated on the photographs. All other drainage is either tidal or runoff. The tidal streams are visible 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 measurement from identifiable photo. points. The mean high waterline along the waterfront at Chincoteague was located by inspection.

The apparent shoreline was located by inspection. All of the shoreline has been indicated on the photographs.

The low water line was not inspected or indicated.

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.

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

8. Offshore Features.

Offshore features consist of the shoal and mud flat areas, at low water, the aids to navigation and numerous small stakes which mark the limits of planted oyster beds. The shoal and mud flat areas are adequately covered by notes on the photographs. The aids to navigation are covered by Form 567. The small stakes and brush used as stakes are too numerous to be located individually. These stakes are located along the southeast side of Chincoteague Channel, Map 11663, and in the shallow areas of Assateague Cove, Maps 11663 and 11664. There is also a staggered line of piling which more or less marks the offshore perimeter of the brush and stakes. These piling were located by sextant and all of the area inshore from the piling is to be labeled foul on the maps. Most of Assateague Cove is in the same category. The only clear area is along the southerly side, which is the channel to the Coast Guard Station. Notes have been made on some of the photographs.

Two wrecks charted in Maps 11663 and 11664, charts 1220 and 1221, were investigated and neither is in place, above water, at the date of field inspection. The approximate locations of the wrecks are Lat. 37 54.8, Long. 75 24.3 and Lat. 37 54.0, Long. 75 19.7.

9. Landmarks and Aids.

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

10. Boundaries, Monuments and Lines.

See Item 10, Field Inspection Report submitted with Map 11661.

11. Other Control.

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

11662	11663
Center Small, White Cottage	3 Pile Structure
Chimney on Cabin, on Piles	Center of Platform
11664	Center of Cabin
Cupola on Building	Floodlight atop Building
CHY on south end lone house	Silo
CHY on house on piles	Tower
Down 1961	Tower
John 1961	10887
Rock 1961	Best 1961 and Bone 1961

12. Other Interior Features.

All roads were inspected and 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 and cables over navigable water was not required.

A part of Chincoteague Naval Air Station is located in Map 11662. This base is no longer in use by the navy. It is now used by the National Aeronautics and Space Agency. The only flights to or from the airport are in connection with the functions of this agency. A print showing the limits of the reservation is enclosed.

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.

City Map of Chincoteague, submitted to Washington on 11-9-61.

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

Print showing limits of Chincoteague Naval Air Station, 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-11163

PROJECT NO. 5907

SCALE OF MAP 1:100,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	
QUEE 1959	Vol II 621	N.A. 1927	597,740.67	✓	18	2191.7	✓			PP VPC 5/11/62
WILLIS (VFC) 1933	P.C. 194	"	2,887,895.71	✓	88	0232.4	✓			"
CHINCOTEAGUE	P.C. 186	"	586,473.55	✓	17	8757.5	✓			"
WATER TANK 1933	P.C. 186	"	2,883,826.46	✓	87	8992.0	✓			3
INLET 1934	P.C. 195	"	597,242.46	✓	18	2039.9	✓			"
WALL 1933	P.C. 185	"	2,900,389.81	✓	88	4031.4	✓			"
ASSAT 1962	Field Comp	"	583,170.69	✓	17	7750.8	✓			"
CHIN 2 1962	"	"	DELETED 576,838.04	✓	17	3215.7	✓			"
TEAGUE, 1962	"	"	2,885,682.96	✓	87	5820.6	✓			"
			37 52 34.780	✓						1072.3 (777.6) PI RDP 9-19-62
			75 23 20.165	✓						492.8 (973.6) RIP "
			37 53 51.980	✓						1602.6 (247.3) DI RDP 9-19-62
			75 25 05.769	✓						141.0 (1324.9) RIP "
			37 55 03.175	✓						97.9 (1752.0) R. IIS 11/9/62
			75 23 58.613	✓						1431.7 (33.9) VPC "

COMPILATION REPORT T-11663PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11680.

31. DELINEATION

Graphic method was used.

Field inspection was adequately done in November 1961 on 1959 nine-lens photographs, but the March 7-9 storm made drastic changes in much of the shoreline facing Assateague Cove, Chincoteague Inlet, and some changes in the Chincoteague Island side of Chincoteague Channel. These areas were delineated from field inspection in May 1962 on April 1962 single-lens photographs and field edit in * June 1962 for R. S. 775 (1:20,000 scale). The interior details were checked with office interpretation of the single-lens April 1962 photographs.

32.. CONTROL

See photogrammetric plot report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable. Drainage consists chiefly of marsh streams and have been delineated as shown on the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

See item 31.

36. OFFSHORE DETAILS

Numerous oyster beds were indicated on the field prints and have been delineated with the approximate low-water line.

* This edit information was never applied to R.S. 775; applied instead to T-11663 and other 1:10,000 scale surveys^(PH-5907) covering the area.

37. LANDMARKS AND AIDS

Submitted on form 567 dated May 29, 1962.

38. CONTROL FOR FUTURE SURVEYS

Seven topographic stations were established. None are marked and no forms 52 4 are submitted. All are listed under item 49.

39. JUNCTIONS

A satisfactory junction has been made with T-1162⁶ on the west, T-1160 north, T-1166₄ east and T-11668 south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison was made with AMS quadrangle CHINCOTEAGUE WEST, scale 1:25,000, compiled in 1943, revised in 1946.

The changes are due to time and storm of March 1962.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with chart 1220, scale 1:80,000, Ed. Sept. 1961.

Due to the small scale an accurate comparison could not be made, and excepting the areas mentioned in item 31 the comparison is 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 26 MAR 1963

V. Ralph Sobieralski

V. Ralph Sobieralski
Tampa District Officer

June 22, 1972

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-5907 (Virginia)

T-11663

Andrew Landing Gut	Gunboat Point
Assateague Island	Hammock Point
Assateague Channel	Horse Marsh
Assateague Point	Mosquito Creek
Birch Town	Mud Bay
Black Duck Marsh	Mud Bay Gut
Black Narrows	<i>QUEEN</i> Quee Sound Channel
Black Narrows Marsh	Shelly Bay
Black Point	Shelly Bay Marsh
Black Point Drain	Shoaling Point
Black Point Landing	Shooting Point
Chincoteague	Smalley Drain
Chincoteague Channel	Squirrel Creek
Chincoteague Inlet	The Canal
Chincoteague Island	Toms Cove
Chincoteague National Wildlife Refuge	Wallops Island
Chincoteague Point	Willis Creek
Cockle Creek	Willis Marsh
Cow Gut Flat	Willis Point
Doghead Flats	Wire Narrows
Fishing Point	Wire Narrows Marsh
Fouling Gut	

Approved:

*A. J. Wright*A. Joseph Wright
Chief Geographer

Prepared by:

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

49. NOTES FOR THE HYDROGRAPHER

The following unmarked photo stations may be useful to the hydrographer:

TOWER 1961 n.d.
TOWER 1961 n.d.
3 PILING 1962 n.d.
PLATFORM 1961 n.d.
CABIN, 1961 n.d.
SILO, 1961 n.d.
FLOODLIGHT ATOP BUILDING, 1961 n.d.

FORM 182
(3-51)

50

PHOTOGRAMMETRIC OFFICE REVIEW

T-11663

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

1. PROJECTION AND GRIDS RRW		2. TITLE RRW		3. MANUSCRIPT NUMBERS RRW		4. MANUSCRIPT SIZE RRW	
		4a. Classification label Unclassified					
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY RRW			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 RRW		10. PHOTOGRAMMETRIC PLOT REPORT MMS
	11. DETAIL POINTS WHS						
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE RRW		13. LOW-WATER LINE RRW		14. ROCKS, SHOALS, ETC. RRW		15. BRIDGES RRW
	16. AIDS TO NAVIGATION RRW		17. LANDMARKS RRW			18. OTHER ALONGSHORE PHYSICAL FEATURES RRW	
	19. OTHER ALONGSHORE CULTURAL FEATURES RRW						
PHYSICAL FEATURES	20. WATER FEATURES RRW			21. NATURAL GROUND COVER XX			
	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 RRW						
BOUNDARIES	31. BOUNDARY LINES XX			32. PUBLIC LAND LINES XX			
MISCELLANEOUS	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. P. Wagner</i>			SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>M. M. Slaney</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>R. J. Pate</i> R. J. Pate				SIGNATURE OF SUPERVISOR <i>M. M. Slaney</i> M. M. Slaney			

USE REVERSE SIDE FOR REMARKS

(over)

FIELD EDIT REPORT

The field edit was done by Mr. W. M. Reynolds in June 1962
on R. S. 775, scale 1:20,000

No Field Edit Report has been received.

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

~~NON-FLOATING~~ ~~FIXED~~ ~~LANDMARKS~~ FOR CHARTS

TO BE CHARTED
~~TO BE RECHARTED~~
~~TO BE DELETED~~

STRIKE OUT TWO

Accomac, Virginia 8 November 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 M. Reynolds
For Joseph K. Wilson *Chief of Party*

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
				LATITUDE*		LONGITUDE*								DATUM
				°	'	°	'							
TANK	Virginia	(Chincoteague Water Tank 1933) Flux steel 116 ft. high (119) (Assateague Beach Coast Guard Lookout Tower No. 150 1959) 50 ft. high, (55)		37 55	75 22	NA	1927	Tri. 11563	1933	X		1220 1221		
TOWER	Virginia	(Walllops Beach Coast Guard 3 New Tower 1937) 70 ft. high (78)		37 52	75 26	M		" 11652	1937 11-6-61	"		"		
TANK	Virginia	(Walllops Island NACA Water Tank 1949) 110 ft. high (116)		37 50	75 28	M		" 11667	1949 11-6-61	"		1221		
RADIO TOWER	Virginia	Walllops Island NASA Radio Tower skeleton steel 256 ft. high (264)		37 50.2	75 29.2	M		Rad. Plot 11667	11-9-61	"		"		

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

L-1190(1961)

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

NONFLUOYING/AIDS/ON LANDMARKS FOR CHARTS

Tampa District Office May 29 1962

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

The positions given have been checked after listing by

M. M. Slavney
M. M. Slavney

V. Ralph Sobleralski
V. Ralph Sobleralski
Chief of Party

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	NEARBY CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE*		LONGITUDE*		DATUM							
				D.M.	S	D.P.	METERS								
TOWER	VIRGINIA	ht 70 ft. (78) (Wallops Beach Navy Lookout Tower 1959)**		37 52	75 26	38.652	N.A. 1927	Triang T-11662*	11/6/61	X			1220, 1221		
TOWER		ht 256 ft. (264) NASA Radio skeleton steel		37 50	75 29	06.87	"	Rad. Plot T-11667	"	X			1221		
TANK		ht 110 ft. (116) (Wallops Island N.A.C.A. Water Tank 1949)		37 50	75 28	48.896	"	Triang T-11667	"	X			"		
TANK		ht 116 ft. (119) Elev. Steel (Chincoteague Water Tank 1933) Lookout Tower Assateague Beach C.O. No 150		37 55	75 22	40.307	"	Triang T-11663*	"	X	X		1109, 1220, 1221		
TOWER		ht. 50 ft. (53) Assateague Beach Lookout Tower No. 150 1959)		37 51	75 22	06.651	"	Triang T-11669*	"	X	X		1220, 1221		
*		Also falls in RS 775													
**		The same as Wallops Beach Coast Guard 3 New Tower 1937 and Easy 1949													

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR MARKERS FOR CHARTS

TO BE CHARTED
TO BE REMOVED
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 ~~the~~ the charts indicated.

The positions given have been checked after listing by

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

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							
			D. M. METERS	"	D. P. METERS	"						
Virginia	Chincoteague Channel Daybeacon 6		37 53.8	75 23.9	NA	1927	Sextant	10/30/61	X		1220	
	(Chincoteague Channel Daybeacon 7A 1961)		37 54.0	75 25.0	07.565	"	Tri.	"	"	"	"	
	(Chincoteague Channel Light 8 1961)		37 53.8	75 24.0	11.201	"	"	"	"	"	"	
	Chincoteague Channel Light 9		37 54.3	75 24.4		"	Rsd. Plot	"	"	"	"	
	(Chincoteague Channel Light 10 1961)		37 54.7	75 24.3	35.090	"	Tri.	"	"	"	"	
	Chincoteague Channel Light 11		37 55.1	75 23.8		"	Rsd. Plot	"	"	"	"	
	Chincoteague Channel Light 12		37 55.7	75 23.5		"	"	"	"	"	"	
	Chincoteague Channel Light 13		37 55.9	75 23.3		"	"	"	"	"	"	
	Assateague Cove Light		37 52.5	75 23.5		"	"	"	"	"	"	
	Chincoteague Inlet Light		37 51.8	75 21.9		"	"	"	"	"	"	
	Chincoteague Bay Light 1		37 56.3	75 22.5		"	11669 Rsd. Plot	8/14/61	"	"	1220	
	Chincoteague Bay Daybeacon 2		37 56.5	75 22.6		"	"	"	"	"	"	
	Chincoteague Bay Light 4		37 56.3	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. *L-1190/1961*

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. Slavney

M. M. Slavney

V. Raych Sobieralski
Chief of Party

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	NEARBY CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE	LONGITUDE		DATUM						
		D. M. METERS		D. P. METERS									
VIRGINIA	SEACOAST												
	LIGHT	ASSATEAGUE (ASSATEAGUE LIGHT-HOUSE 1909)		37 54	75 21	22.992	N.A.	Triang.	Apr. 28		X		1220, 1221
	LIGHT	CHINCOTEAGUE INLET		37 51	75 21	43.69	"	Radial Plot	Oct. 31		X		1220, 1221
	LIGHT	CHINCOTEAGUE CHANNEL		37 53	75 21	10.68	"	Radial Plot	Oct. 31		X		1220, 1221
	LIGHT	ASSATEAGUE COVE		37 52	75 23	32.04	"	Plot	"		X		1220, 1221
	LIGHT 5	CHINCOTEAGUE CHANNEL		37 53	75 21	7.63	"	Theod. Sextant	Apr. 28, 1962		X		1220, 1221
	LIGHT 6	"		37 53	75 23	01.92	"	Theod. Sextant	Oct. 30, 1961		X		"
	LIGHT 7A	"		37 54	75 25	59.88	"	Theod. Plot	"		X		"
	LIGHT 8	"		37 54	75 25	11.63	"	Theod. Plot	"		X		"
	LIGHT 9	"		37 53	75 24	07.55	"	Theod. Plot	"		X		"
	LIGHT 10	"		37 54	75 24	18.5	"	Theod. Plot	"		X		"
	LIGHT 11	"		37 55	75 23	11.20	"	Theod. Plot	Apr. 28, 1962		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

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Tampa District Office

2 of 7

May 29, 1962

I recommend that the following objects which have ~~(struck out)~~ 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
M. M. Slavney

V. Ralph Sobieralski
V. Ralph Sobieralski Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION SURVEY NO.	DATE OF LOCATION	CHARTS AFFECTED
				LATITUDE*	LONGITUDE*	DATUM				
				° ' "	° ' "					
				D.M. METERS	D.P. METERS					
VIRGINIA		CHINCOTEAGUE INLET		37 55	75 23	28.33	N.A. Rad. Plot 1927 T-11663*	Oct. 31 1961	X	1220, 1221
		CHINCOTEAGUE CHANNEL		37 55	75 23	15.64	"	"	X	"
		CHINCOTEAGUE BAY		37 56	75 22	26.33	Rad. Plot T-11661*	Aug. 14 1961	X	"
		"		37 56	75 22	64.3	"	"	X	"
		" <i>Suspended by 8+ 7/3/62</i>		37 56	75 22	22.81	"	"	X	"
		"		37 56	75 22	91.9	"	"	X	"
		"		37 56	75 22	33.11	Rad. Plot T-11660*	"	X	"
		"		37 56	75 22	117.5	"	"	X	"
		"		37 56	75 22	47.94	"	"	X	"
		KILLICK SHOAL OBSTRUCTION		37 56	75 22	14.78	"	"	X	"
		CHINCOTEAGUE BAY		37 56	75 22	48.30	"	"	X	"
		"		37 56	75 22	14.89	"	"	X	"
		"		37 56	75 22	52.35	Rad. Plot T-11661*	"	X	"
		"		37 56	75 22	18.30	"	"	X	"
		"		37 57	75 22	07.85	"	"	X	"
		"		37 57	75 22	24.2	"	"	X	"
		"		37 57	75 22	54.00	Rad. Plot T-11660*	"	X	"
		"		37 57	75 22	16.65	"	"	X	"
		"		37 57	75 22	98.7	"	"	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

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

STRIKE OUT TWO

Tampa District Office

June 29, 1962

TO BE REVISED
Y9 PE 79 74 77 78 79 80

I recommend that the following objects which have (Appx 1/4) been inspected from seaward to determine their value as landmarks be charted on (4444/4444) the charts indicated.

The positions given have been checked after listing by I. I. Paperstein

for V. Ralph Sobieralski Chief of Party

CHARTING NAME	STATE	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	"						
LIGHT	VIRGINIA	CHINCOTEAGUE INLET		37° 51'	75° 21'	53.35	N.A. 1927	Photo Plot T-11669*	6/21/62	X	X	X	1220, 1221, 1109
DAYBN 2	VIRGINIA	CHINCOTEAGUE CHANNEL		37° 51'	75° 25'	04.38	"	Pho Plot T-11663*	6/12/62	X	X	X	1220, 1221
LIGHT	VIRGINIA	ASSATEAGUE COVE		37° 52'	75° 23'	34.71	"	"	"	X	X	X	"
DAYBN 2	VIRGINIA	CHINCOTEAGUE BAY		37° 56'	75° 22'	27.76	"	Pho Plot T-11661*	"	X	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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Nautical Chart Branch

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Tampa District Office June 29 1962

TO BE CHARTED
~~TYPE REVISED/
TO BE DELETED~~ STRIKE OUT TWO

I recommend that the following objects which have ~~(shaded/)~~ 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 Anna J. Sapersstein for William A. Reure Chief of Party.

CHARTING NAME	STATE	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. M. METERS	° ' "	D. P. METERS							
	VIRGINIA			° ' "	D. M. METERS	° ' "	D. P. METERS							
		CHINCOTEAGUE INLET		37° 53'	1692	75° 25'	322	N.A. Sextant*	6/12/1962		X	X	1109 1220, 1221	
		CHINCOTEAGUE CHANNEL									X	X	1220, 1221	
NIGHT BLACK DAYBN		CHINCOTEAGUE POINT		37° 52'	37.66	75° 23'	41	Photo Plat	"		X	X	1220, 1221	
		In Assateague Cove **												
		<i>Cover this until Published</i>												
		<i>Entered Files</i>												
		<i>7-11-62</i>												
		* Also falls in RS 775												
		** No number or name. Not listed in 1962 Light List.												

20/10/1-7

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Nautical Chart Branch

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

STRIKE OUT TWO

Tampa District Office

June 4, 1962

1962

TO BE REVISED
DATE

I recommend that the following objects which have ~~(666/666)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(666/666)~~ the charts indicated.

The positions given have been checked after listing by M. M. Slavney William A. Rasure
M. M. Slavney William A. Rasure

for: V. Ralph Sobieralski Chief of Party

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE*		LONGITUDE*							
				D.M. METERS	S	W	D.P. METERS						
	VIRGINIA	CHINCOTEAGUE INLET											
		CHINCOTEAGUE CHANNEL											
LIGHT 9				37 54		75 24	28.49 696	Had. Plot T-11663*	4/28/62		X		1220, 1221
		This position for Light 9 superseded the position listed on Form 567 under date of May 29, 1962 (Page 1 of 7)											
		* Also falls in RS 775											
		1221 - 12-6-62 G.R.J.											

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-11663

SHORELINE

June 14, 1972

61. GENERAL STATEMENT

See Summary on page 6 of this Descriptive Report.

An ozalid comparison print, showing differences noted in Items 62, 64, 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-11663 are shown in blue on the comparison print.

Large differences in shoreline in the vicinity of Chincoteague Inlet were attributed to storm action.

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, CHINCOTEAGUE 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. Differences between this survey and T-11663 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 July 17, 1971. No significant differences in shoreline were noted. Stakes in Shell Bay and a wreck in Chincoteague Channel were not visible on the photographs. These differences are shown in red on the comparison print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

The Photogrammetric Plot Report, which usually states the accuracy of control used in the plot, 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 accuracy is sub-standard. It is believed that this map is adequate for photo-hydro support and construction of nautical charts.

Reviewed by:

Charles H. Bishop

Charles H. Bishop
Cartographer
June 14, 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:
[Signature]
Chief, Photogrammetric Branch

[Signature]
Chief, Coastal Mapping Division

75°26'15"
37°56'15"

26'

x=2 885,000 FT.

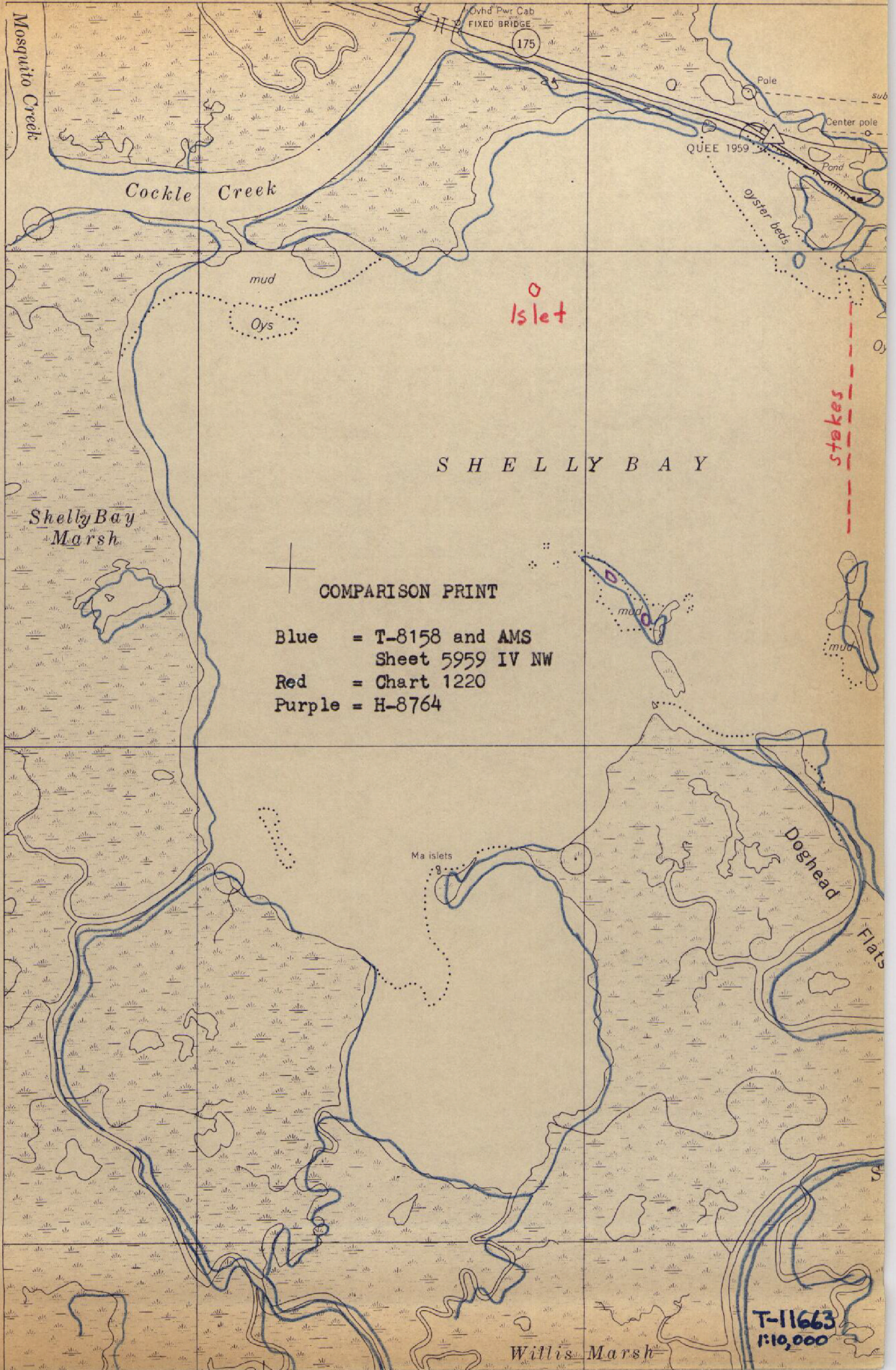
25'30"

28

y=595,000 FT.

55'30"

y=590,000 FT.



COMPARISON PRINT

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

T-11663
1:10,000



COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW

T-11563
1:10,000

CHINCOTEAGUE C
LT 11 1962
TEAGUE 1962

channel

895,000 FT.

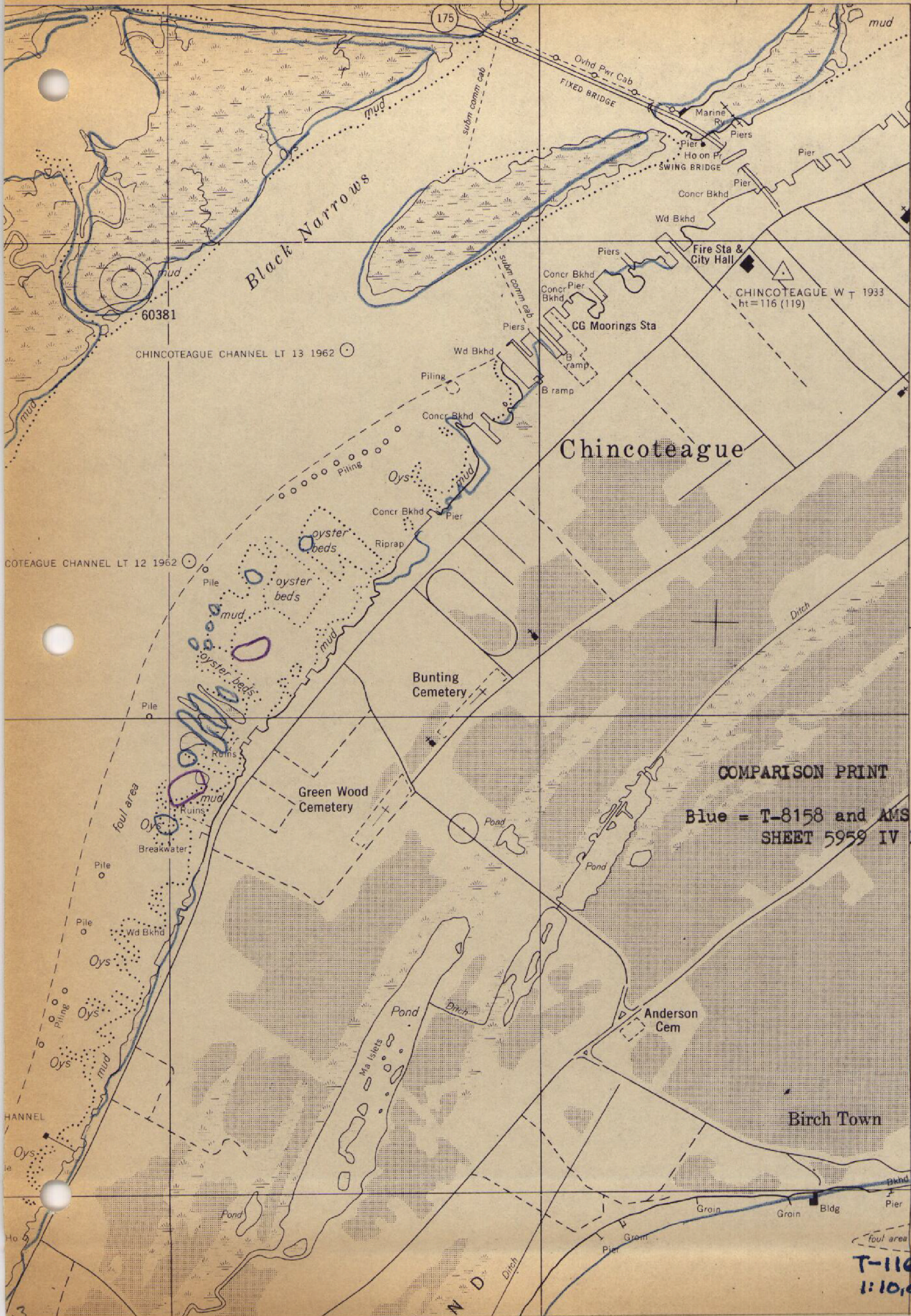
23' 30"

23'

x=2,900,000 FT.

75° 22' 30" 30

37° 56' 15"



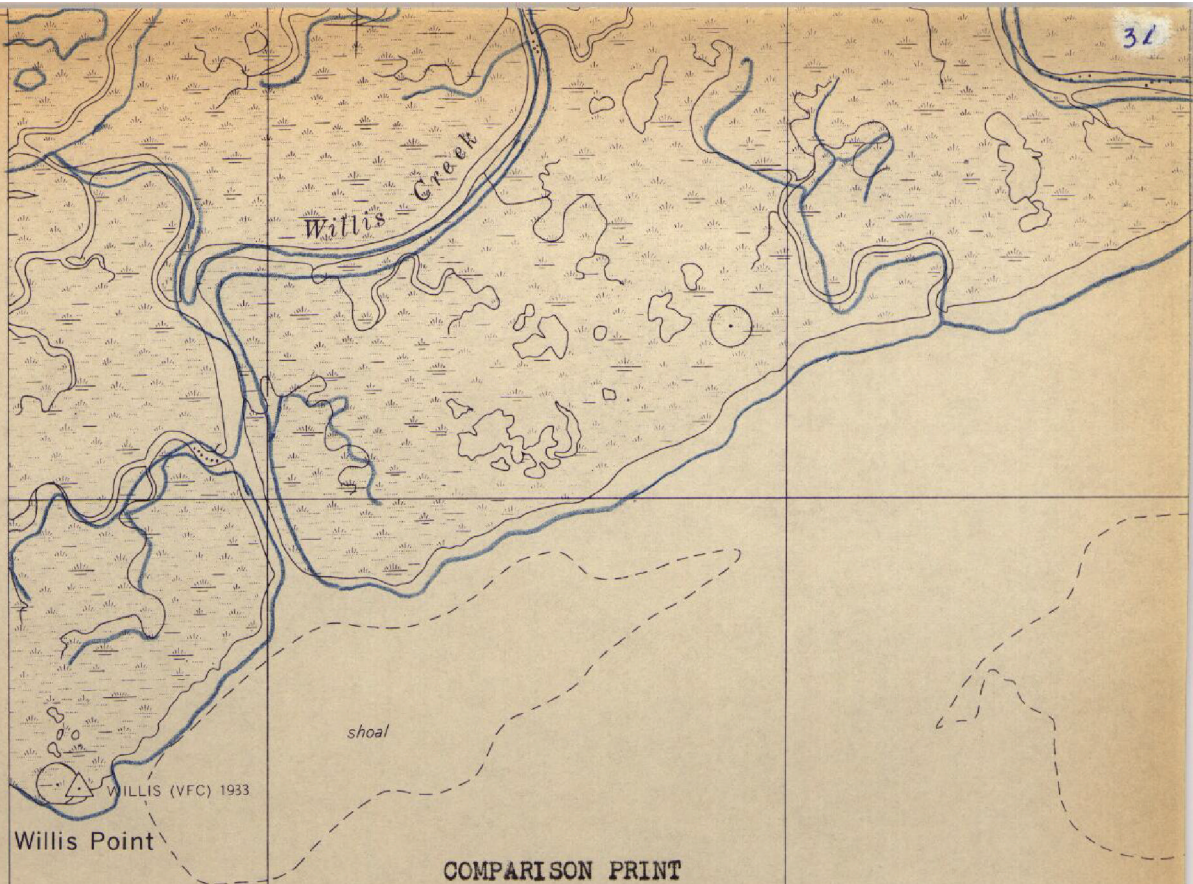
56'

y=595,000 FT

55' 30"

55'

T-11663
1:10,000



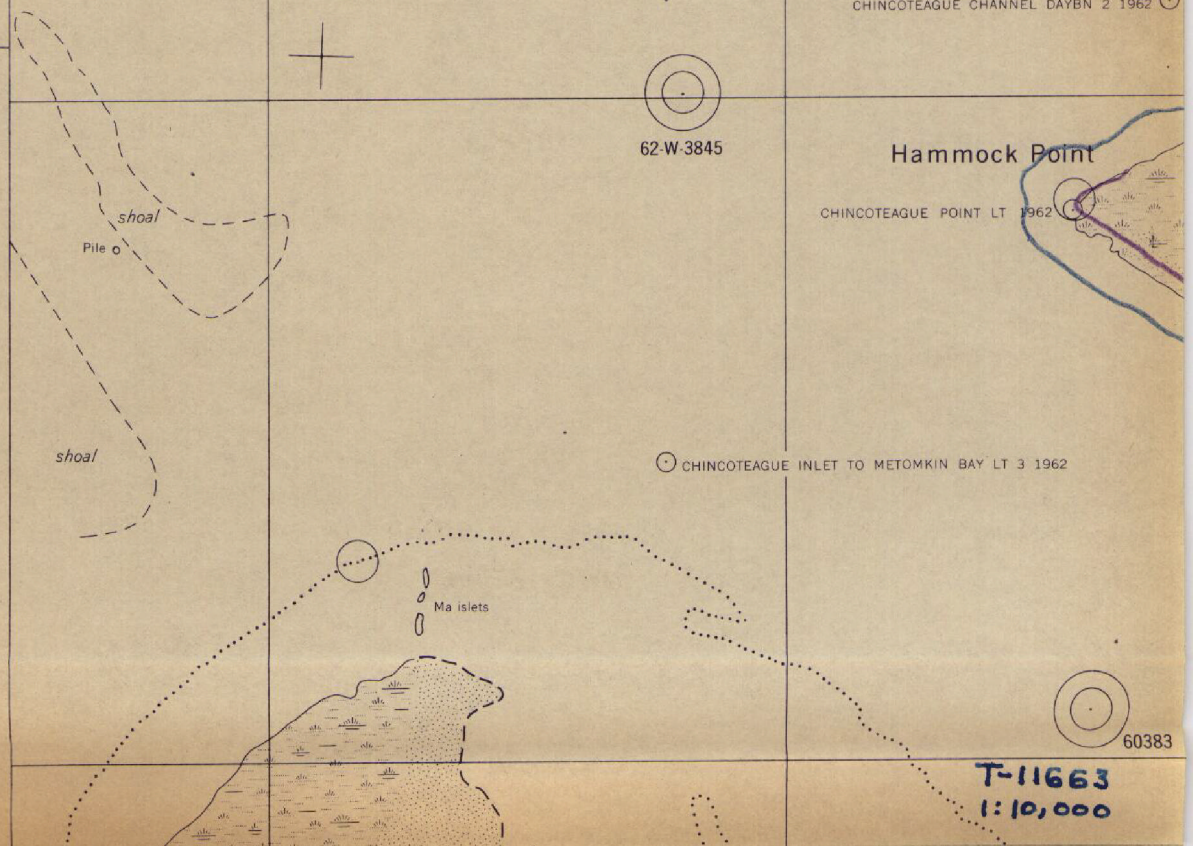
54'30"

COMPARISON PRINT

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

y=585,000 FT.

54'



53'30"

T-11663
 1:10,000

Also on chart 1220

62-W-3846

60382

Chincoteague

32

CHINCOTEAGUE CHANNEL LT 9 1962

SILO 1961

37°54'30"

COMPARISON PRINT

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

CHINCOTEAGUE CHANNEL LT 10 1962

The Canal

Andrews

Landing

Gut

Chincoteague Point

CHIN 2 1962

CHINCOTEAGUE CHANNEL LT 8 1962

Floods at extreme HW

PLATFORM 1961

CHINCOTEAGUE CHANNEL DAYBN

37°53'30"

25"

24'30"

75°24'

T-11663
N 10,000

5

y=590,000 FT

54'30"

37°54'

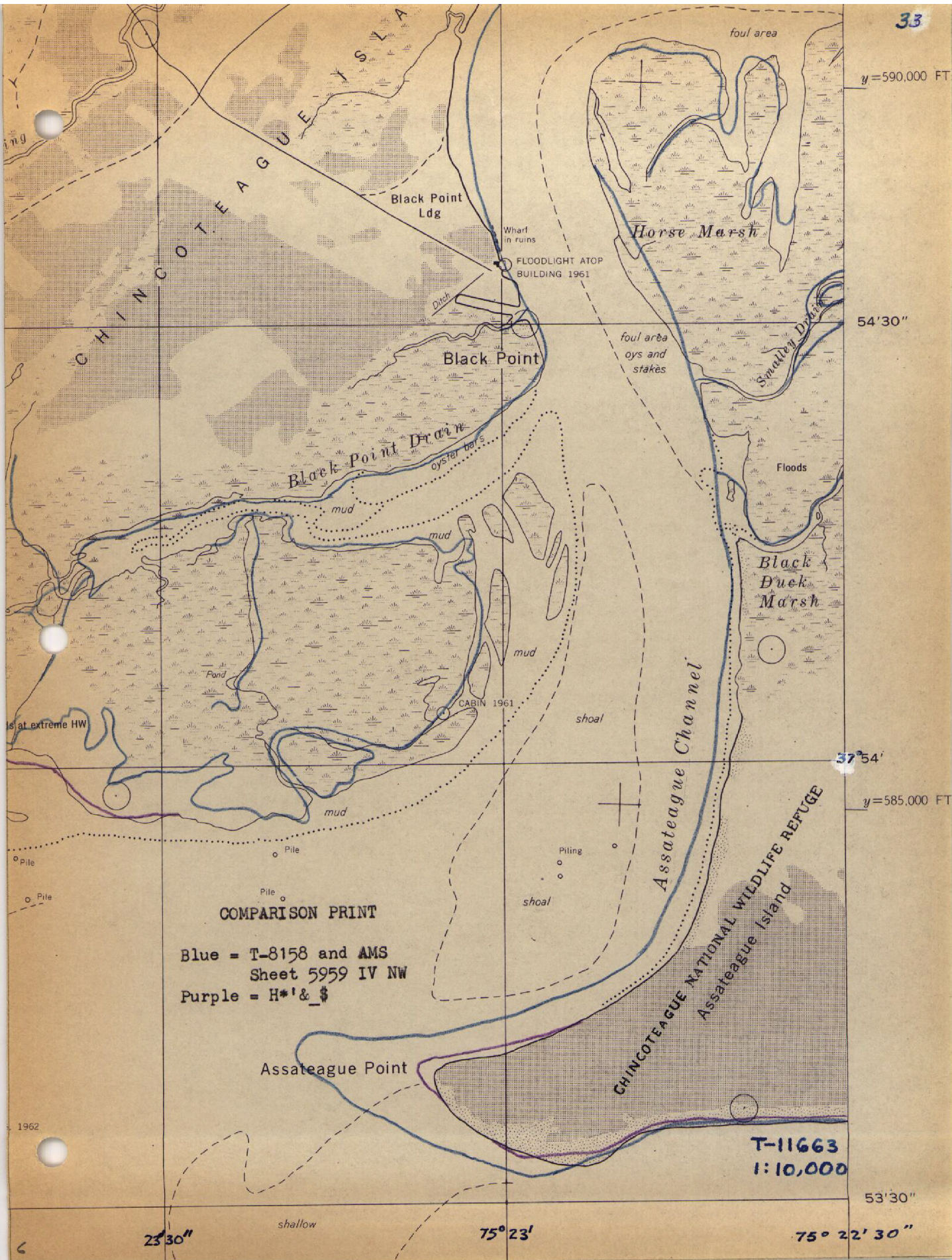
y=585,000 FT

53'30"

23'30"

75°23'

75°22'30"



COMPARISON PRINT

Blue = T-8158 and AMS
 Sheet 5959 IV NW
 Purple = H*1 & 2

T-11663
 1:10,000

1962

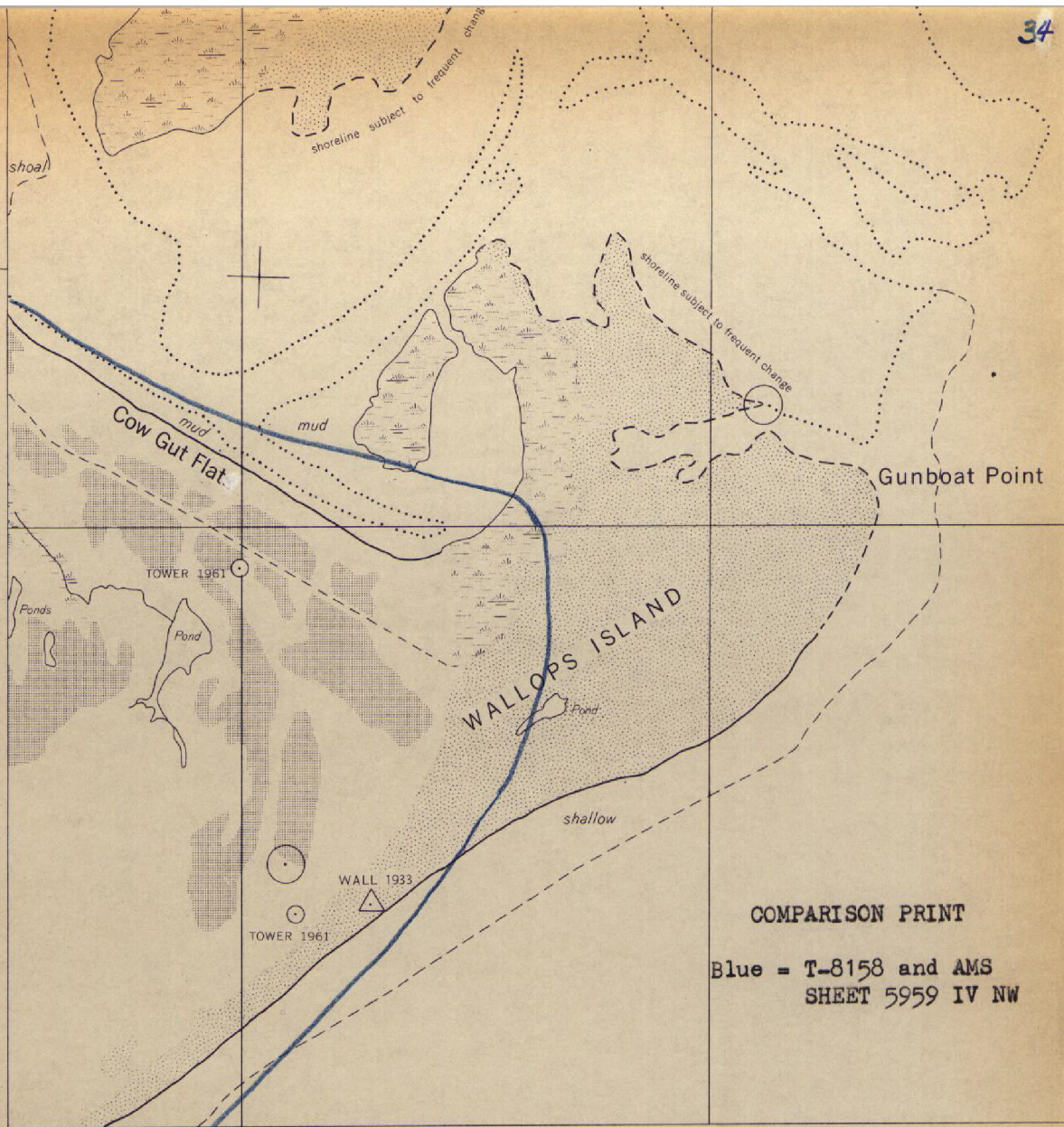
y=580,000 FT.

53'

37° 52' 30"

75° 26' 15" x=2,885,000 FT. 26'

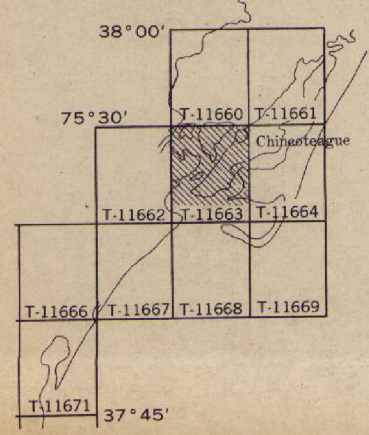
25' 30"



COMPARISON PRINT

Blue = T-8158 and AMS SHEET 5959 IV NW

INDEX TO ADJOINING SHEETS PROJECT-5907



COMPILATION RECORD

COMPLETION DATE

COMPILATION RECORD	COMPLETION DATE
Compilation complete	Dec. 1962

T-11663
1:10,000

ASSATEAGUE COVE

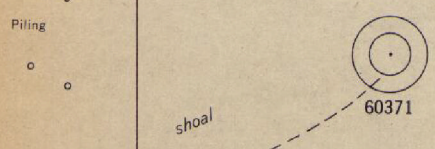


y=580,000 FT

53'

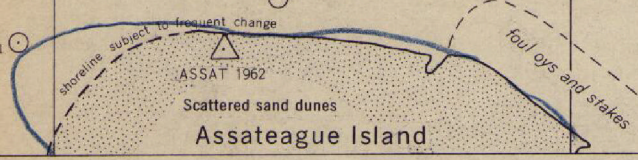
COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW



3 PILING 1962

ASSATEAGUE COVE LT 1961



Assateague Island

23'30"

23'

x=2,900,000 FT

37°52'30"

75°22'30"

- △ Recoverable horizontal control station of third-order or higher accuracy
- Recoverable horizontal control station of less than third-order accuracy
- Approximate mean low water line
- ① State route

Open areas are cleared or cultivated.
 The light shoreline defines the outer limits of vegetation visible above approximate mean high water.
 The heavy shoreline defines the approximate mean high water.
 Compiled by photogrammetric methods, from aerial photographs
 Date of Photography Oct. 1959 April 1962
 Date of Field Inspection Nov. 1961
 Date of Field Edit June 1962
 Date of Final Compilation Dec. 1962
 Date of Final Review

U. S. COAST AND GEODETIC SURVEY
 SHORELINE MANUSCRIPT
 T-11663
 VIRGINIA
 ACCOMACK COUNTY
 CHINCOTEAGUE POINT

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