

Original

T-11662

T-11662

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-11662
Field edited map	
LOCALITY	
State	VIRGINIA
General locality	ACCOMACK COUNTY
Locality	SEMONEASTON BAY TO
BOGUES BAY	
19 59-62	
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 -11662

PROJECT NO. (II): PH-5907		
FIELD OFFICE (III): Accomac, Virginia		CHIEF OF PARTY J. 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 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 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): WISHART 1949		
LAT.: 37° 52' 54.484" (1679.8 m)	LONG.: 75° 29' 32.307" (789.5 m)	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED
PLANE COORDINATES (IV): y = 577,612.80 FT. x = 2,867,959.24 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: Oct. 13, 1959 Apr. 28, 1962		
PROJECTION AND GRIDS RULED BY (IV): A. Riley		DATE Apr. 1962
PROJECTION AND GRIDS CHECKED BY (IV): A. Riley		DATE " "
CONTROL PLOTTED BY (III): V. P. Cackowski		DATE April 1962
CONTROL CHECKED BY (III): I. I. Saperstein		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. Dossett Reviewed by: R. R. Wagner		DATE June 1962 August 1962
SCRIBING BY (III): R. Dossett Reviewed by: W. H. Shearouse		DATE Sept. 1962 " "
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. R. Wagner		DATE Nov. 1962
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III): C&GS 9 lens
Wild W Camera

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60484	10/13/59	10:39	1:10,000	0.3 ft. above MLW
60485	"	10:40	"	" " " "
60496 thru 60499	"	10:46 thru	"	" " " "
		10:48	"	" " " "
62W3843	4/28/62	10:25	1:20,000	0.4 " " "
62W3844	"	"	"	" " " "

Predicted TIDE (III)

			RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Sandy Hook				4.6	5.6
SUBORDINATE STATION: Bogue Bay, Chincoteague Inlet			H.W. -1.6 L.W. 0.0	3.0	3.6
SUBORDINATE STATION: Chincoteague Point			0.57	2.6	3.1
Atlantic Marine Center WASHINGTON FIELD REVIEW BY (IV): C. H. Bishop			DATE: June, 9, 1972		
PROOF EDIT BY (IV):			DATE:		
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 14*		RECOVERED: 11	IDENTIFIED: 7		
NUMBER OF BM(S) SEARCHED FOR (II): (Tidal) 6		RECOVERED: 4	IDENTIFIED 1		
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 1					
NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): None					

REMARKS:

* One station has three names with a 526 submitted under each name.

COMPILATION RECORD

COMPLETION DATE

REMARKS

Incomplete manuscript compiled	June 1962	Superseded
Revised from shoreline field edit and interior details added Manuscript complete	August 1962	
Final review	June 1972	

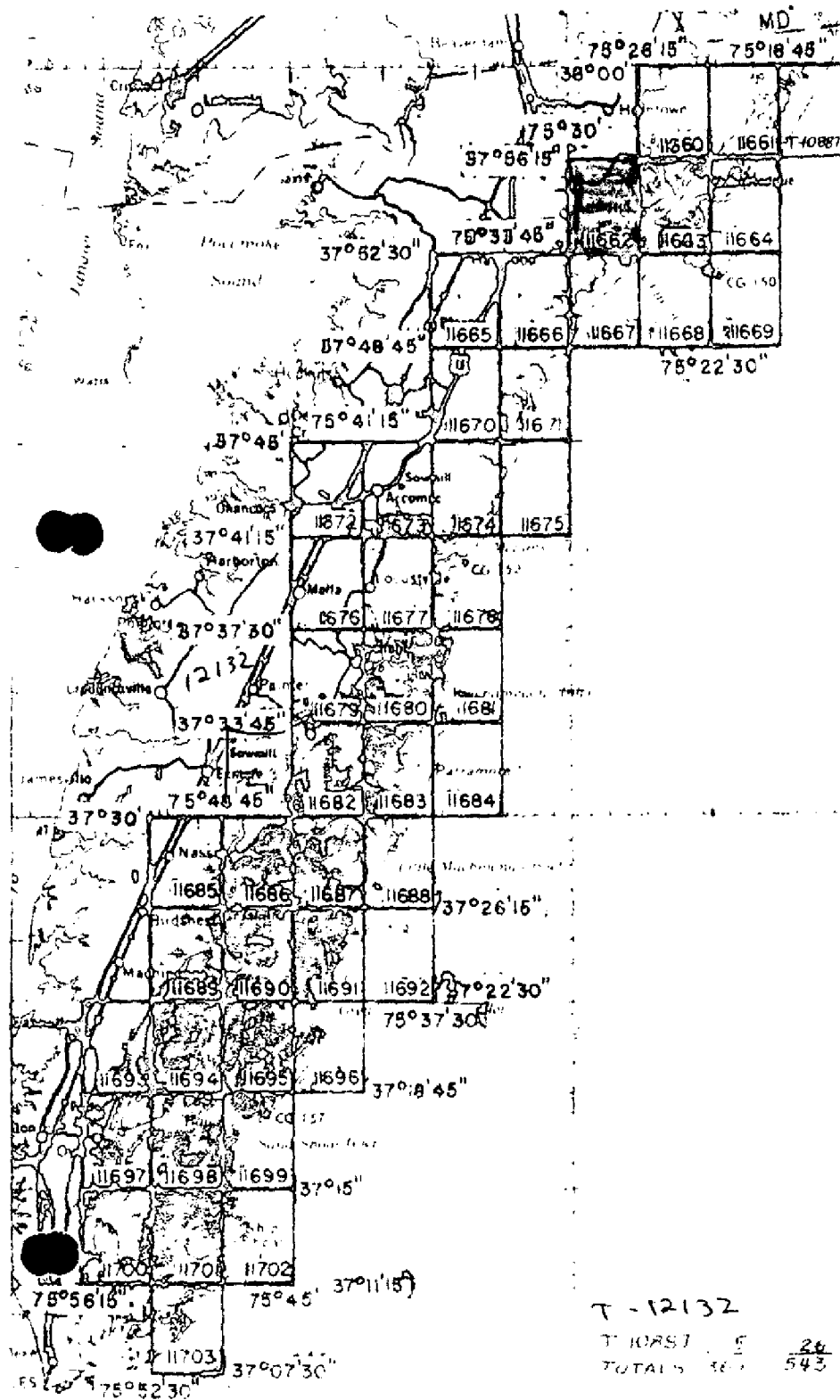
PH-5907

5

CAPE CHARLES TO ASSATEAGUE, VA

Planimetric Mapping Scale 1:10,000

OFFICIAL MILEAGE
FOR COST ACCOUNTS



Sheet No.	Area Sq. Ml.	Lin. Ml. Shoreline
11660	6	10
11661	6	15
11662	13	19
11663	7	23
11664	8	16
11665	17	0
11666	16	8
11667	7	8
11668	1	1
11669	1	4
11670	16	1
11671	8	15
11672	17	0
11673	16	5
11674	8	16
11675	1	4
11676	16	0
11677	13	10
11678	8	16
11679	16	8
11680	11	32
11681	4	10
11682	8	15
11683	11	15
11684	2	3
11685	16	4
11686	4	15
11687	6	20
11688	6	15
11689	13	11
11690	4	11
11691	4	16
11692	2	3
11693	11	11
11694	6	16
11695	4	19
11696	4	9
11697	11	20
11698	6	16
11699	4	13
11700	8	16
11701	8	14
11702	4	11
11703	6	23

T-12132

T-10851

TOTALS 543

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-11662

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 photographs 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 August 1962. No changes in shoreline or location of aids to navigation were made.

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 pilings 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

P.O. Box 204, Accomac, Virginia

30 November 1961

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

SUBJECT : Coast Pilot Report, Project Ph-5907

United States Coast Pilot 3, Atlantic Coast, Sandy Hook To Cape Henry was checked during the field inspection for this project. There are no visible corrections to be applied.

Submitted,

William M. Reynolds
Sub-unit Photo. Party 720

cc Included with Field Inspection Report Map 11662

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T. 11662 PROJECT NO. 265907 SCALE OF MAP 1:10,000 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)	
TAYLOR 1849	P.C. 234	N.A. 1927	575,591.83	✓	17	5440.7	✓			PA VPC 4/20/62
1959	61 II 619	"	2,866,793.46	✓	87	3800.4	✓			
TESTCELL 1949	620	"	598,272.93	✓	18	2354.0	✓			"
	P.C.	"	2,877,582.22	✓	87	7088.8	✓			
ROOT (VFC) 1933	194	"	584,919.85	✓	17	8283.9	✓			"
	P.C.	"	2,874,435.74	✓	87	6129.8	✓			
NARROWS OR WALKER (VFC) 1933	194	"	582,118.25	✓	17	7490.0	✓			"
	194	"	2,880,697.17	✓	87	8038.3	✓			
EASY 1949	61 II	"	Same Position as WALLOPS BEACH NAVY LOOKOUT TOWER 1959							
CHINCOTEAGUE NAUTS WATER 1959	626	"	and WALLOPS BEACH COAST GUARD 3 (NEW TOWER) 1937							24 "
TANK 1949	630	"	598,636.52	✓	18	2464.8	✓			
CHINCOTEAGUE N.A.B. AIRWAY 1959	61 II	"	2,872,536.92	✓	87	5551.0	✓			2 "
BEACON 1949	631	"	606,021.22	✓	18	3191.6	✓			
WALLOPS BEACH COAST GUARD 3 (NEW TOWER) 1937	185	"	2,875,627.74	✓	87	6493.1	✓			
1959	61 II	"	Same Position as EASY 1949 and WALLOPS BEACH NAVY LOOKOUT TOWER 1959							
WISHART 1949	622	"	577,612.80	✓	17	6056.7	✓			"
WALLOPS BEACH NAVY LOOKOUT TOWER 1959	626	"	2,867,959.35	✓	87	4155.8	✓			4 "
	61 II	"	576,043.03	✓	17	5578.3	✓			
	626	"	2,881,940.10	✓	87	8417.1	✓			

COMPILATION REPORTT-11662PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11680

31. DELINEATION

The graphic method was used.

The manuscript was delineated from both 9 lens and single lens photography. The outer shoreline in the vicinity of Chincoteague Inlet was delineated from 1962 single lens photographs 62-W-3844 and 62-W-3845 using office stereoscopic interpretation; with reference being made to the 1961 field inspection on 9 lens photographs 60497, 60498, 60499 and 60384. The shorelines of inshore areas were delineated entirely from the nine lens photography.

Field inspection was adequate.

32. CONTROL

The location of aids listed under Item 3 failed to meet third-order requirements. See our letter dated December 13, 1961 and letter from Chief, Photogrammetry Division, 631/H/lrw dated Jan. 9, 1962 which are a part of this report.

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None used.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

The drainage consists chiefly of numerous marsh streams and has been delineated as shown on the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The inspection was adequate.

Most of the shoal lines and low-water lines were delineated from office interpretation of the photographs.

36. OFFSHORE DETAILS

Numerous oyster beds were indicated by the field inspection in Watts, Powell and Bogues Bay. These have been delineated "approximately".

37. LANDMARKS AND AIDS

Forms 567 for landmarks were submitted under the date of May 29, 1962. Form 567 for fixed aids to navigation was submitted under the date of May 29, 1962 and an additional form is submitted with this report.

38. CONTROL FOR FUTURE SURVEYS

Center small white cottage and a pier identified on F.P. 60496 were omitted on the complete manuscript for hydro support. Since the field editor did not indicate these features on the field edit sheet it is believed they are no longer in place.

SE GABLE submitted with T-11667 falls within the limits of this manuscript, however it was destroyed by the storm of March 1962.

See Item 49 for one(1) topographic station.

Numbered detail and pass points on the rough manuscript were used for the Kelsh compilation of RS 775 (1:20,000).

39. JUNCTIONS

Satisfactory junctions have been made with T-11667 on the south and T-11663 on the east. There is no contemporary survey on the west or north. A satisfactory junction has also been made with RS 775 scale 1:20,000

40. HORIZONTAL AND VERTICAL ACCURACY

No comment required.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with AMS quadrangle CHINCOTEAGUE WEST, scale 1:25,000, originally compiled from aerial photographs in 1943, revised in 1946. Generally the shoreline compares favorably. The most outstanding discrepancies noted are as follows:

A canal has been dredged along the eastern side of Walker Marsh Island.

A large boat slip has been constructed at Wishart Point in Bogues Bay.

In Powells Bay the peninsula on the west shoreline where primary control point WHITE was established has been filled and rounded into a larger land area.

47. COMPARISON WITH NAUTICAL CHARTS

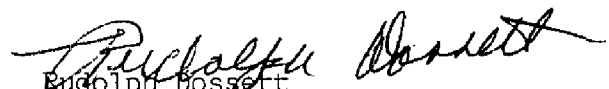
Comparison has been made with Chart No. 1221, scale 1:80,000, 9th edition, revised to March 12, 1962. Comparison was favorable.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY


None..

ITEMS TO BE CARRIED FORWARD

None.


Rudolph Bossett
Carto Photo Aid

APPROVED AND FORWARDED: 21 JAN 1963


V. Ralph Sobieralski
Tampa District Officer

631/H/lrw

Tampa District Officer

January 9, 1962

Chief, Photogrammetry Division

Location of Aids to Navigation in T-11662 and
T-11663, Project PH-5907

In reply to your letter of December 13, 1961, Geodesy Division has reviewed the field survey records pertaining to the location of aids in the subject area, and finds that the computed positions for the aids from the available observations do not meet third-order accuracy requirements. The aids, therefore, shall be treated as topographic stations located by ground survey methods in accordance with paragraph 10.02 of the project instructions, dated October 20, 1959.

The field survey records will be marked as Topo and returned to your office.

L. W. Swanson

Chief, Photogrammetry Division

Dec. 13, 1961

Tampa District Office

Triangulation in Ph-5907, Virginia

Field data received for maps T-11662 and T-11663 included observations, unchecked computations, and the duplicate copy of form 525b for:

Chincoteague to Metomkin Bay Light	3
" " " " Light	1
" Channel Daybeacon	7a
" Channel Light	5
" Channel Light	8
" Channel Light	10

The side checks of the triangle computations fail to meet third-order accuracy requirements. It is possible that the position of Chincoteague Water Tank 1933, used as an initial may be at fault.

The original records and computations are being forwarded under separate cover. It is requested that this office be furnished the positions as finally computed by the Geodesy Division and be informed whether the stations are third-order or less.

V. Ralph Sobieralski
Tampa District Officer

RM3/o

cc: Photo Party 720

June 20, 1972

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-5907 (Virginia)

T-11662

Big Simoneaston Creek

Cedar Creek

Cockle Creek

Jenneys Gut

Kendall Narrows

Little Simoneaston *creek*

Lower Simoneaston Thorofare

Oyster Gut

Shelly Bay Marsh

Simoneaston Bay

Upper Simoneaston Thorofare

Walker Marsh

Wallops Neck

Approved:

A. J. Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

T-11662

49. NOTES FOR THE HYDROGRAPHER

The following is a topographic station which may be of use to the hydrographer:

CHIMNEY 1961 (House on piles)

FORM 182 (3-61)		PHOTOGRAMMETRIC OFFICE REVIEW		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
50.		T- 11662			
1. PROJECTION AND GRIDS WHS	2. TITLE WHS 4a Classification label unclassified		3. MANUSCRIPT NUMBERS WHS	4. MANUSCRIPT SIZE WHS	
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 RRW	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC PLOT REPORT MMS	
	11. DETAIL POINTS RRW				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE RRW	13. LOW-WATER LINE RRW	14. ROCKS, SHOALS, ETC. RRW	15. BRIDGES XX	
	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 RRW		
	22. PLANETABLE CONTOURS XX		23. STEREOSCOPIC INSTRUMENT CONTOURS XX		
	24. CONTOURS IN GENERAL XX		25. SPOT ELEVATIONS XX		
	26. OTHER PHYSICAL FEATURES RRW				
CULTURAL FEATURES	27. ROADS RRW	28. BUILDINGS RRW		29. RAILROADS XX	
	30. OTHER CULTURAL FEATURES RRW				
BOUNDARIES	31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX		
MISCEL- LANEOUS	33. GEOGRAPHIC NAMES RRW			34. JUNCTIONS RRW	
	35. LEGIBILITY OF THE MANUSCRIPT RRW	36. DISCREPANCY OVERLAY XX		37. DESCRIPTIVE REPORT RRW	
	38. FIELD INSPECTION PHOTOGRAPHS RRW		39. FORMS RRW		
	SIGNATURE OF REVIEWER <i>Robert R. Wagner</i>		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>M. M. Slavney</i>		
40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT - Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.					
SIGNATURE OF COMPILER <i>Robert R. Wagner</i>			SIGNATURE OF SUPERVISOR <i>Milton M. Slavney</i>		

FIELD EDIT REPORT

The field edit was done by Wm. M. Reynolds in August 1962. The few minor revisions were indicated on the Field Edit ozalid "Discrepancy Print".

No Field Edit Report has been received.

Nautical Chart Branch

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

3 of 7

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

Tampa District Office May 29 1962

I recommend that the following objects which have *(been removed)* 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
 V. Ralph Sobieralski Chief of Party

STATE	CHARTING NAME	VIRGINIA	DESCRIPTION	SIGNAL NAME	POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE*		LONGITUDE*								
					°	'	D.M. PETERS	°	'						
		CHINCOTEAGUE INLET													
		CHINCOTEAGUE BAY													
	LIGHT 12	"	"		37 58	35.142 1123	75 22	57.52 1104	N.A. Rad. Plot 1927 T-11660	Aug. 14, 1961				1220	
	DAYB 14	"	"		37 59	37.88 1168	75 22	13.69 331	Rad. Plot T-11661	"				"	
	LIGHT 1		GREENBACKVILLE		38 00	20.62 19	75 23	03.89 95	Rad. Plot T-11660	"				"	
			VIRGINIA INSIDE PASSAGE												
			CHINCOTEAGUE INLET TO METOMMIN BAY												
	LIGHT 1	"	" ¹¹³ changed for NAT 24/62 ✓		37 53	33.68 1317	75 25	36.82 901	Theod. T-11661*	Oct. 31, 1961				1220, 1221	
	DAYB 2		WALLOPS ISLAND APPROACH		37 53	22.15 683	75 27	03.59 210	Rad. Plot T-11662*	"				1221	
	DAYB 4	"	"		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 CHARTS

NONFLOATING AIDS OR LANDMARKS 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 ~~(23456789)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(23456789)~~ the charts indicated.

The positions given have been checked after listing by

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

STATE Virginia			SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	MAJOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	LATITUDE		LONGITUDE		DATUM							
		° ' "		D.M. METERS	° ' "		D.P. METERS						
	Chincoteague Inlet To Metomkin Bay Daybeacon 19	37 50.4		75 29.8		NA 1927	Rad. Plot 11667	10/17/61				1222	
	Chincoteague Inlet To Metomkin Bay Daybeacon 17	37 50.3		75 29.5		"	"	"	"	"		"	"
	Chincoteague Inlet To Metomkin Bay Daybeacon 15	37 51.2		75 28.6		"	"	"	"	"		"	"
	Chincoteague Inlet To Metomkin Bay Daybeacon 14	37 51.9		75 28.5		"	"	"	"	"		"	"
	Chincoteague Inlet To Metomkin Bay Daybeacon 12	37 52.0		75 28.4		"	"	"	"	"		"	"
	Chincoteague Inlet To Metomkin Bay Daybeacon 11	37 52.1		75 28.1		"	"	"	"	"		"	"
	Chincoteague Inlet To Metomkin Bay Daybeacon 9	37 52.4		75 27.9		"	"	"	"	"		"	"
	Chincoteague Inlet To Metomkin Bay Daybeacon 7	37 52.8		75 27.8		"	Rad. Plot 11662	"	"	"		"	"
	Chincoteague Inlet To Metomkin Bay Light 5	37 53.1		75 27.2		"	"	"	"	"		"	"
	Wallops Island Approach Daybeacon 2	37 53.4		75 27.2		"	"	10/31/61	"	"		"	"
	Wallops Island Approach Daybeacon 4	37 53.3		75 27.2		"	"	"	"	"		"	"
	Chincoteague Inlet To Metomkin Bay (Light 3 1961)	37 53	30.014	75 26	64.326	"	Tri. 11662	10/30/61	"	"		1220	
	Chincoteague Inlet To Metomkin Bay (Light 1 1961)	37 53	43.676	75 25	66.893	"	"	"	"	"		1221	
	Chincoteague Channel (Light 5 1961)	37 53	16.447	75 24	61.921	"	"	"	"	"		"	"

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. 1-119011961

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE REVIEWED~~
~~TO BE DELETED~~

STRIKE OUT TWO

1962

May 29

Tampa District Office

I recommend that the following objects which have ~~(1144/1144)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(1144/1144)~~ the charts indicated.

The positions given have been checked after listing by M. M. Slawney

M. M. Slawney

J. 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							
					°	'	°	'								
					D.M. METERS	D.M. METERS	D.P. METERS									
			VIRGINIA INSIDE PASSAGE													
			CHINCOTEAGUE INLET TO													
			METOMKIN BAY													
LIGHT 3			" " " " " " " "		37 53	30.01	75 26	54.40	N.A.	1927	T-11662*	10/10/61	X			1221 - OK
LIGHT 5			" " " " " " " "		37 53	925	75 27	1329	Rad. Plot		T-11662*	10/17/61	X			" - Moved
DAYBN 7			" " " " " " " "		37 52	04.44	75 27	17.88	"		"		X			" - Moved
DAYBN 9			" " " " " " " "		37 52	137	75 27	1170	Rad. Plot		T-11667*		X			" - OK
DAYBN 11			" " " " " " " "		37 51	40.41	75 28	51.07	"		"		X			" - Moved
DAYBN 12			" " " " " " " "		37 51	1246	75 28	1248	"		"		X			" - Moved
DAYBN 14			" " " " " " " "		37 52	26.11	75 28	54.09	"		"		X			" - Moved
DAYBN 15			" " " " " " " "		37 52	805	75 28	1322	"		"		X			" - Moved
DAYBN 17			" " " " " " " "		37 51	59.45	75 28	10.76	"		"		X			" - Moved
DAYBN 19			" " " " " " " "		37 51	1833	75 28	263	"		"		X			" - Moved
DAYBN 20			" " " " " " " "		37 51	56.92	75 28	17.88	"		"		X			" - Moved
			" " " " " " " "		37 51	1755	75 28	437	"		"		X			" - Moved
			" " " " " " " "		37 51	51.57	75 28	27.08	"		"		X			" - Moved
			" " " " " " " "		37 51	1590	75 28	662	"		"		X			" - Moved
			" " " " " " " "		37 51	14.17	75 28	42.09	"		"		X			" - Moved
			" " " " " " " "		37 51	437	75 29	1029	"		"		X			" - Moved
			" " " " " " " "		37 50	16.41	75 29	33.17	"		"		X			"
			" " " " " " " "		37 50	1431	75 29	811	"		"		X			"
			" " " " " " " "		37 50	30.85	75 29	50.34	"		"		X			"
			" " " " " " " "		37 50	951	75 29	1231	"		"		X			"
			Not listed by Field Inspector													
			referred to field editor for investigation													
			* Also falls in RS 775													

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.

Nautical Chart Branch

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

October 30, 1962

I recommend that the following objects which have ~~(been)~~^(not) 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

R. R. Wagner

V. Ralov Goblarski

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

REVIEW REPORT T-11662

SHORELINE

JUNE 9, 1972

61. GENERAL STATEMENT

See summary on page 6 of this Descriptive Report.

An ozalid comparison print, showing differences noted in Items 62 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-11662 were shown in blue on the comparison print.

Differences in shoreline 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, 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. The comparison was limited to an area in the southeast quarter of T-11662. No significant differences in shoreline were noted. There were no offshore details for comparison.

65. COMPARISON WITH NAUTICAL CHARTS

A visual comparison was made with chart 1221, scale 1:80,000, 16th edition, dated 11 September 1971. No significant differences in shoreline were noted.

65. (Cont'd)

All charted aids to navigation have different names and numbers than aids mapped on T-11662. The charted positions of Virginia Inside Passage Light 7 and Daybeacon 9 appear to be in the same locations as Chincoteague Inlet to Metomkin Bay Light 5 and Daybeacon 7, respectively on T-11662. Virginia Inside Passage Light 4 and Daybeacon 6 appear to be in different locations than aids mapped on T-11662.

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
Cartographér
June 9, 1972

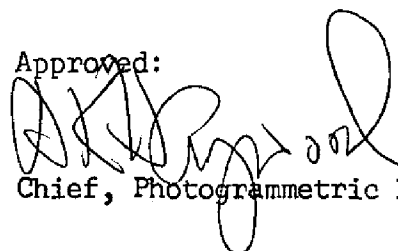
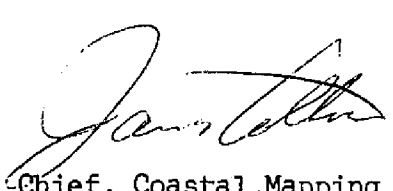
Approved for Forwarding:


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

Approved:

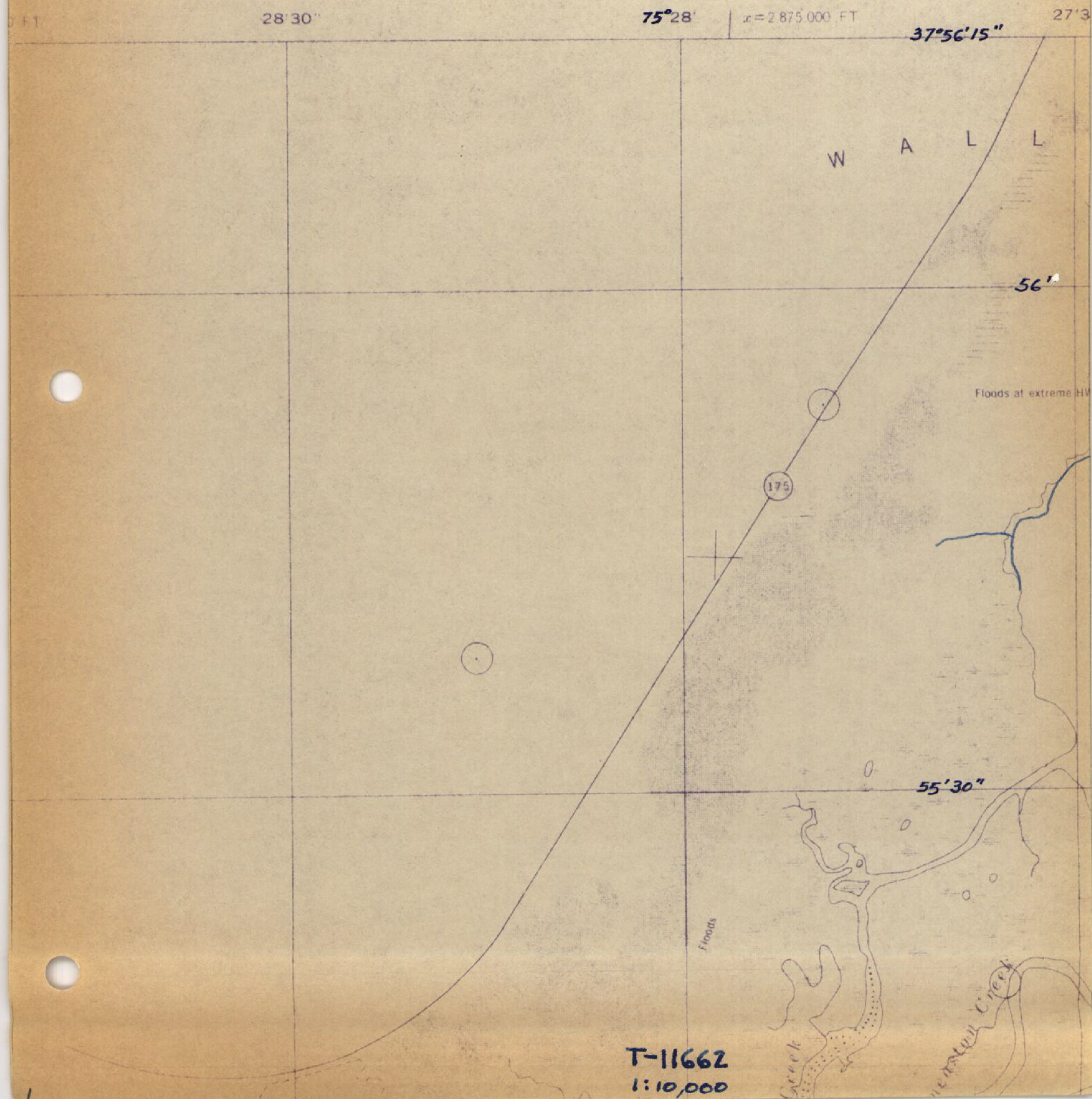

Alfred C. Holmes,
RADM, NOAA
Director, Atlantic Marine Center

Approved:

 
Chief, Photogrammetric Branch Chief, Coastal Mapping Division

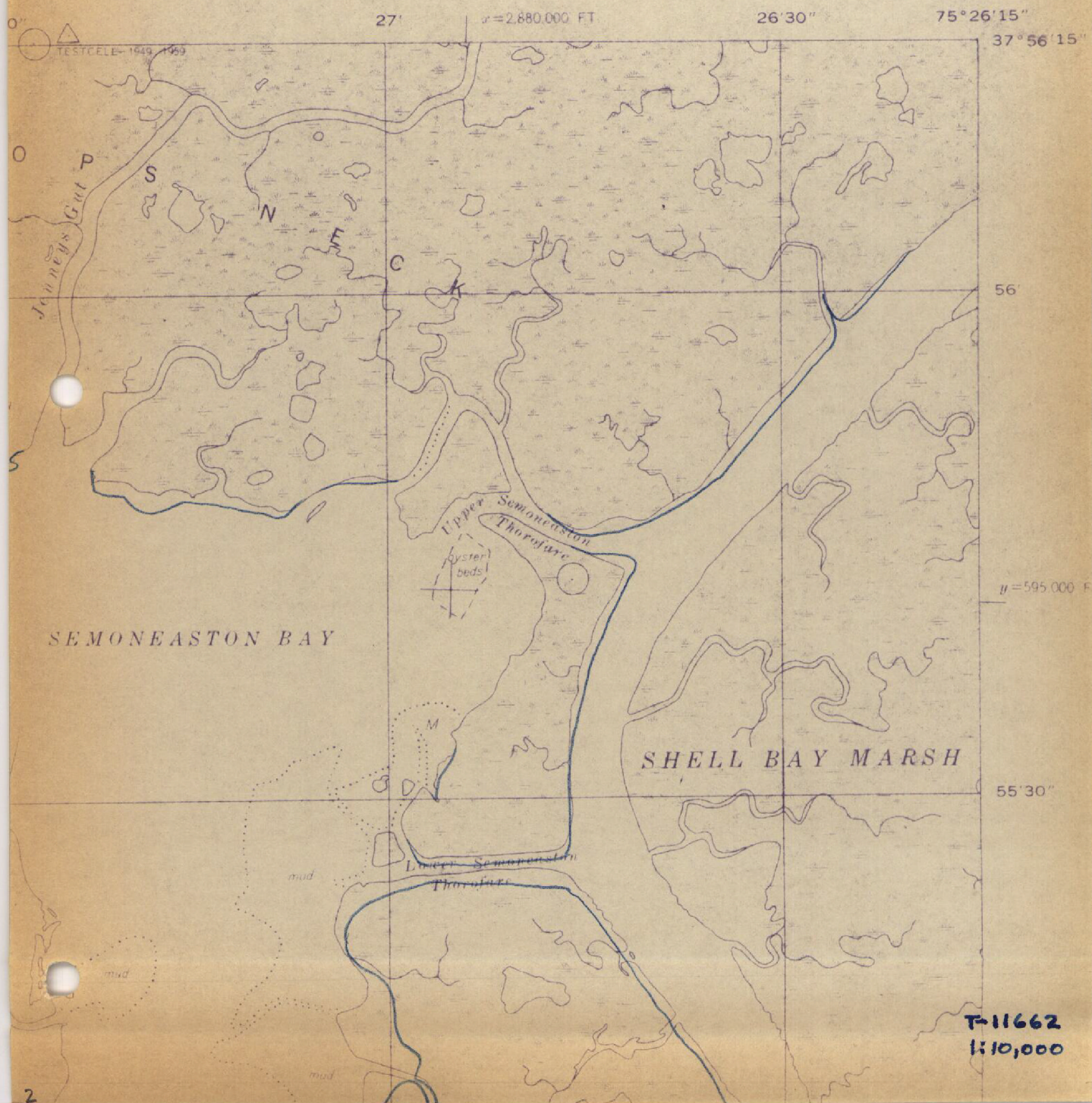
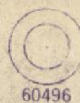
COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW



COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW



70°30'00"

75°29'30"

29'

55'

H = 590,000 FT

37° 55'

COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW

54'30"

54'30"

H = 585,000 FT

54'

54'

60484

T-11662
1:10,000

28°30'

Borrow pit

75°28'

32

37°55'

Floods at extreme HW

Big Semoncaston

Little Semo

Cedar Creek

Floods at extreme HW

Oyster beds

Oys

COMPARISON PRINT

Blue = T-8158 and AMS

SHEET 5959 IV NW

54°30"

WATTS BAY

Oyster bed

Oyster bed

mud

ROOT VECS 1944

Little Root Narrows

54'

60498

T-11662

1:10,000

Oyster beds

60497

75°27'

26°30"

37°55'

y = 590,000 F

COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW

54°30"

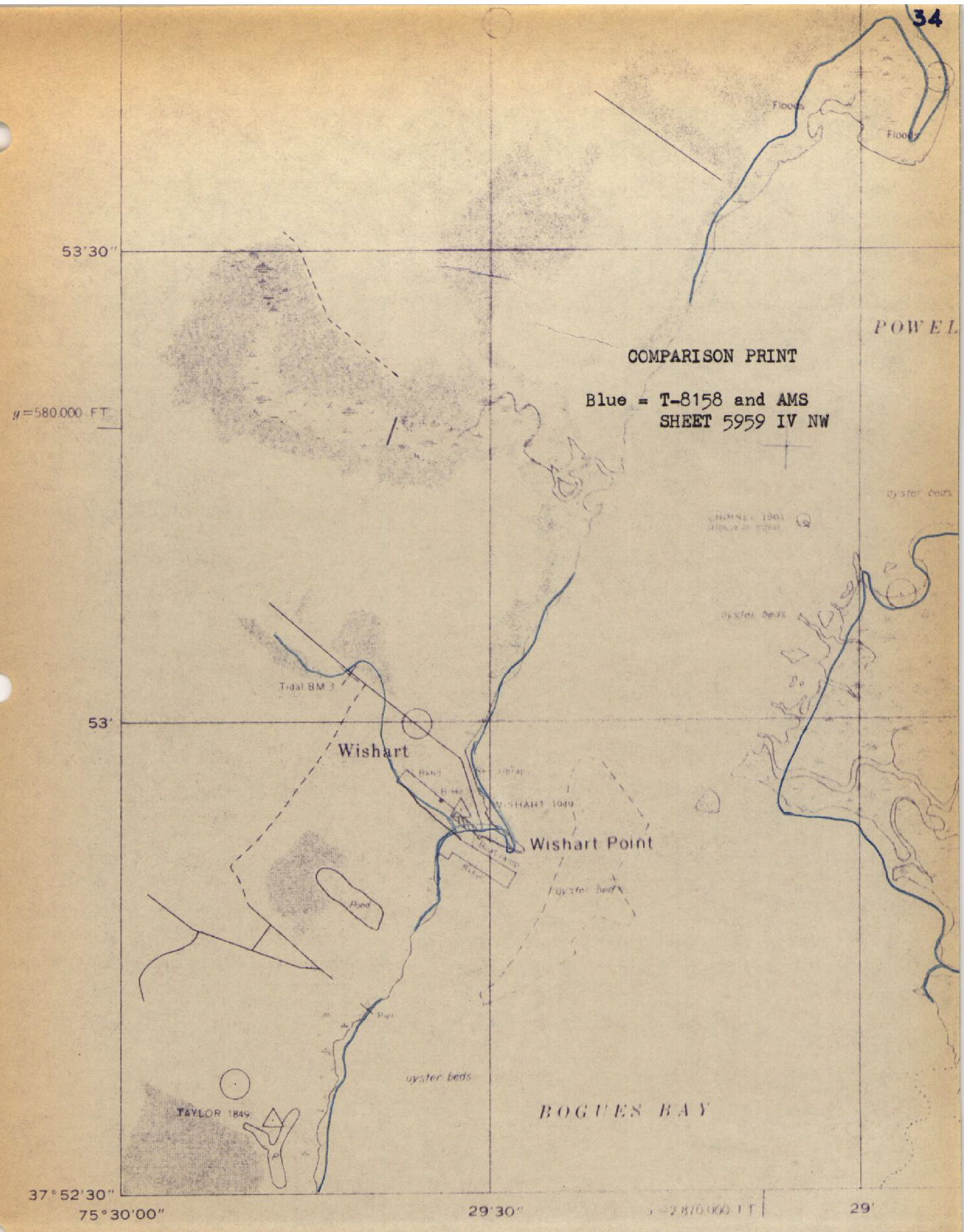
WALKER MARSH

y = 585,000 F

37°54'

T-11662
1:10,000

shoal



COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW

INDEX TO ADJOINING SHEETS
PROJECT 5907

COMPILED RECORD

T-11662
1:10,000

Alongshore area for hydro

COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW
Red = Chart 1221

LS BAY

Ballast

Jump

Ballast Narrows
shallow

The Four Months

CHINCOTEAGUE INLET TO
METOMKIN BAY LT 5 1962

Virginia Inside
Passage Lt. 1

Taylor's Narrows

Island Hole Narrows

Virginia Inside
Passage Daybn 9

60499

28°30"

1:2,875,000 LT

75°28'

T-11662

27°3

COMPLETION DATE REMARKS

NOTE: Unlabeled circles are photogrammetric
plot points; not map features

LEGEND 1:10,000

Woodland

Marsh

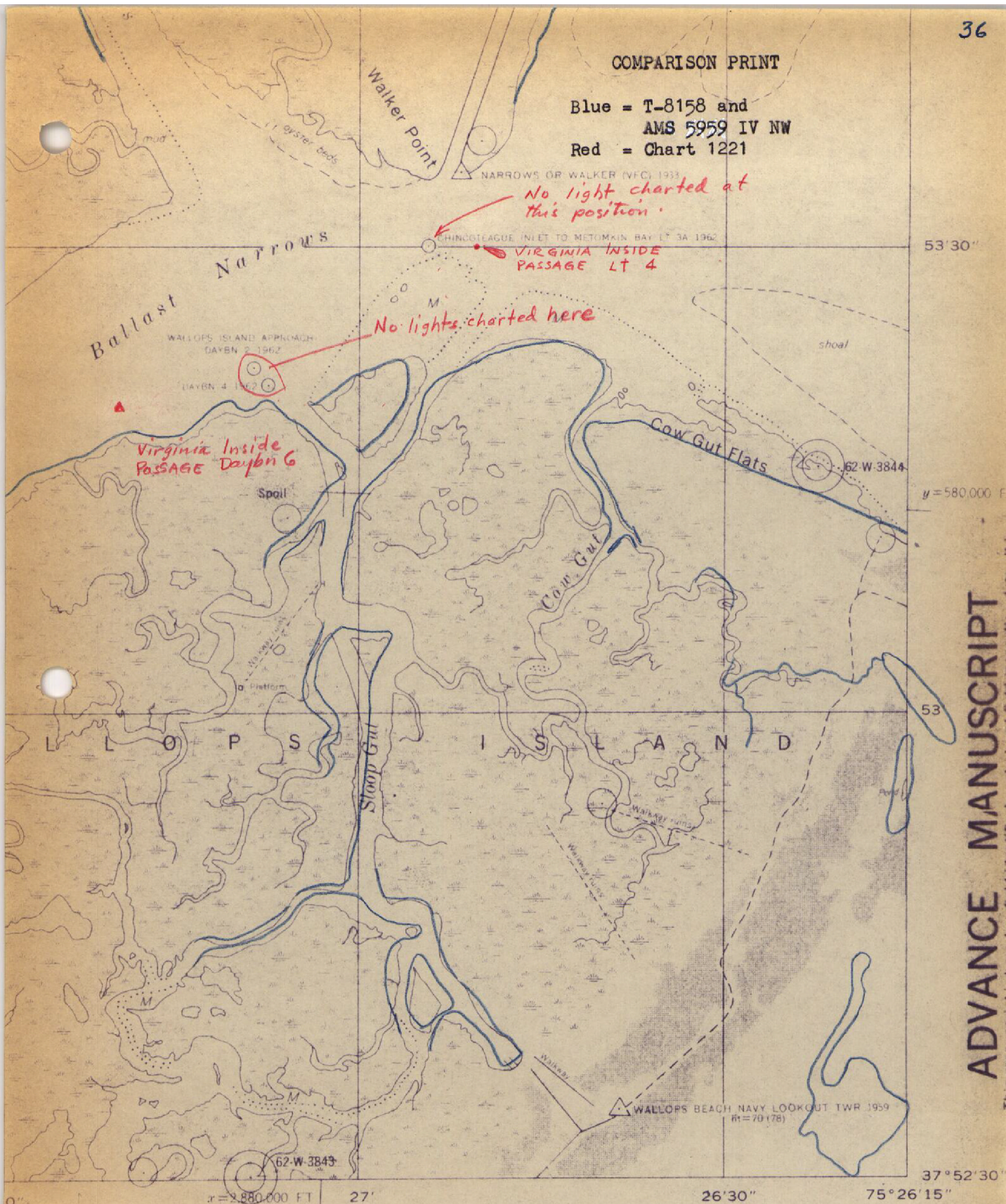
- △ Recd
- Recd
- × Recd
- App
- (175) Stat
- Op

7
June 1962

Superseded

COMPARISON PRINT

Blue = T-8158 and
AMS 5959 IV NW
Red = Chart 1221



overable horizontal control station of third-order or higher accuracy
overable horizontal control station of less than third order accuracy
overable vertical control station of third-order or higher accuracy
roximate mean low water line
e route 8
in areas are cleared or cultivated

U. S. COAST AND GEODETIC SURVEY
SHORELINE MANUSCRIPT
T-11662
VIRGINIA
ACCOMACK COUNTY