

ORIGINAL

T-11661



T-11661

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-11661
Field edited map	
LOCALITY	
State	VIRGINIA
General locality	ACCOMACK COUNTY
Locality	COARDS MARSHES TO CHINCOTEAGUE
1959-62	
CHIEF OF PARTY	
Joseph K. Wilson, Chief of Field Party	
V. R. Sobieralski, Tampa District Officer	
Alfred C. Holmes, Director, A. M. C.	
LIBRARY & ARCHIVES	
DATE	1 JUL 1975

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T - 11661

PROJECT NO. (II): PH-5907		
FIELD OFFICE (II): Accomac, Virginia		CHIEF OF PARTY Joseph K. Wilson
PHOTOGRAMMETRIC OFFICE (III): Tampa, Florida		OFFICER-IN-CHARGE V. Ralph Sobieralski
INSTRUCTIONS DATED (II) (III): Field: Oct. 20, 1959 Field Amendment 1: Apr. 26, 1960 Office: Dec. 28, 1960 Office Amendment 1: Aug. 10, 1961 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: <i>Elevations shown as (25) refer to mean high water</i> <i>Elevations shown as (5) refer to sounding datum</i> <i>i.e., mean low water or mean lower low water</i>
REFERENCE STATION (III): WILDCAT 1907		
LAT: 37°58'48.122"(1483.7)	LONG: 75°18'49.676"(1212.3)	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED
PLANE COORDINATES (IV): y = 615,053.47 x = 2,918,247.12		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; M. A. Stewart		DATE: Nov. 1961
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air Photo Compilation Photographs dated Oct. 13, 1959; March 15, 1962, and April 28, 1962		
PROJECTION AND GRIDS RULED BY (IV): A.R. (WO)		DATE Apr. 1962
PROJECTION AND GRIDS CHECKED BY (IV): A.R. (W.O.)		DATE Apr. 1962
CONTROL PLOTTED BY (III): V. P. Cackowski		DATE May 1962
CONTROL CHECKED BY (III): V. P. Cackowski		DATE May 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. E. Smith Reviewed by: R. R. Wagner		DATE Sept. 1962 Oct. 1962
SCRIBING BY (III): P. W. Leikhim Reviewed by: I. I. Saperstein		DATE Nov. 1962 " "
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. R. Wagner		DATE Feb. 1963
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

C&GS 9 lens, Single lens Wild S, and Wild W

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60374	10/13/59	0916	1:10,000	0.8 ft. above MLW
60375	"	0917	"	" " " "
60376	"	0917	"	" " " "
60377	"	0918	"	" " " "
62-S-2329	3/15/62		1:15,000	0.1 " " MLW
" 2330	"	13:13	"	" " " "
" 2331	"		"	" " " "
" W-3765	4/28/62	Not known	Approx 1:20,000	--
" 3766	"	"	"	--
" 3767	"	"	"	--
" 3768	"	"	"	--

Predicted TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Sandy Hook	--	4.6	5.6
SUBORDINATE STATION: Franklin City	0.22	1.0	1.2
SUBORDINATE STATION:			

Atlantic Marine Center
WASHINGTON, D.C. 20543
REVIEW BY (IV):

C. H. Bishop

DATE:

June 7, 1972

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

5

RECOVERED:

3

IDENTIFIED:

3

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

None

RECOVERED:

0

IDENTIFIED:

0

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 5 (4 natural objects)

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

REMARKS:

COMPILATION RECORD

COMPLETION DATE

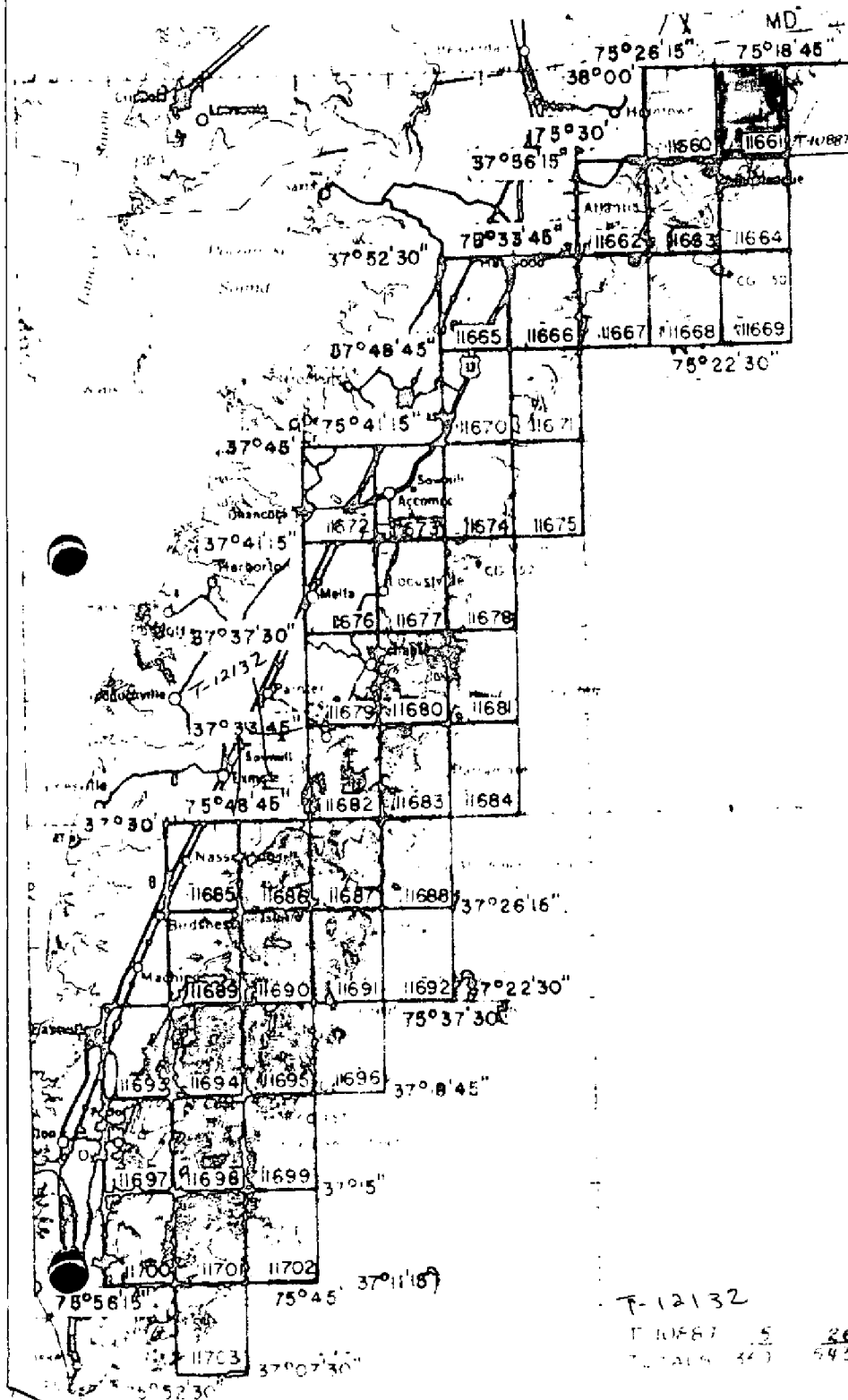
REMARKS

Alongshore area for hydro	July 1962	Superseded
Alongshore area revised from field edit	Oct. 1962	
Interior details added compilation complete	Oct. 1962	
Final review	June 1972	

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● CAPE CHARLES TO ASSATEAGUE, VA
Planimetric Mapping Scale 1:10,000

OFFICIAL MILAGE
FOR COST ACCOUNTS



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

11-9-61

FIELD INSPECTION REPORT

MAPS 11660 and 11661

PROJECT PH-5907

2. Areal Field Inspection.

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

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

3. Horizontal Control.

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

The following stations were reported lost;

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

4. Vertical Control.

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

5. Contours and Drainage.

Contours are inapplicable.

Drainage is self-evident from the photographs.

6. Woodland Cover.

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

7. Shoreline and Alongshore Features.

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

The low water line was not inspected or located.

There are no bluffs or cliffs.

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

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

Other shoreline structures have been clarified.

8. Offshore Features.

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

9. Landmarks and Aids.

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

There are no aeronautical aids within these maps.

10. Boundaries, Monuments and Lines.

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

11. Other Control.

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

11660

MULE 1961

11661

11661

CALL 1961

LAW (1942) 1961

SE gable cabin	Center of small red Bldg.
CHY on two story house,	SE corner pier ruins
painted white, with pink roof	SW corner pier

12. Other Interior Features.

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

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

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

There are no airports or landing fields.

13. Geographic Names.

A systematic investigation of names was not required.

No new names are recommended for mapping.

14. Special Reports and Supplemental Data.

City map of Chincoteague, submitted with this data.

Form 567, submitted with this data.

Letter of Transmittal, submitted with this data.

Submitted,

William M. Reynolds
Sub-unit Photo. Party 720

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COMPILATION REPORT
T-11661

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11680

31. DELINEATION

The graphic method was used. The 1959 ninelens photographs were clear and of fair scale. The 62-W-series photographs were clear but were approximately 1:9450 scale. The 62-S-series which covered the south east corner of the sheet were of good scale but were dark.

The field inspection was adequate.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours inapplicable.

Drainage, no comment.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line was delineated according to the field inspection on the October 1959 nine lens photographs and office interpretation of the 1962 photographs. This was checked by the field editor.

The shoreline inspection was adequate.

The low water and shoal line are from office interpretation.

36. OFFSHORE DETAILS

Numerous oyster bars, duck blinds, mud, and foul areas have been shown as indicated by the field inspector.

37. LANDMARKS AND AIDS

Five aids were submitted on Form 567 under date of May 29, 1962. These aids were located photogrammetrically on this 1:10,000 sheet and transferred to 1:20,000 map RS 775 with a question to the field editor about the identification of one of the aids. It was relocated on RS 775 by the field editor and plotted on this map. A revised Form 567 was submitted under date of June 29, 1962. See accompanying correspondence.

There are no landmarks

38. CONTROL FOR FUTURE SURVEYS

Five topographic stations, one marked and four natural objects were located and are listed under Item 49. A Form 524 is submitted for the marked station.

39. JUNCTIONS

Junctions have been made with: T-10887 to the east, T-11660 the west, T-11664 to the south, to the north with BOXIRON, Va. 1:25,000 (AMS) which is water area only (Chincoteague Bay).

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with AMS quadrangle CHINCOTEAGUE EAST, scale 1:25,000 published 1949. The two are in fair agreement.

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47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with chart 1220, scale 1:80,000 edition of Sept. 1961. The two are in fair agreement.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

R. E. Smith
Carto Photo Aid

APPROVED AND FORWARDED:

V. Ralph Sobieralski
Tampa District Officer

June 20, 1972

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-5907 (Virginia)

T-11661

Archie Cove
Assateague Bay
Assateague Channel
Assateague Island
Ballast Narrows
Ballast Tump
Blake Cove
Blake Point
Bogues Bay
Booths Bay
Booths Bay Island
Bow Beach
Chincoteague
Chincoteague Bay
Chincoteague Island
Chincoteague National Wildlife Refuge
Coard Marshes
Cow Gut
Cow Gut Flat
Deep Hole
Deep Hole Creek
East Gut
Green Marsh
Hairy Head Pond

Harmon Cove
Island Hole Narrows
Jeans Creek
Jim Blades Point
Little Harmon Cove
Little Morris Island Creek
Little Root Narrows
Mink Tump Point
Morris Island
Morris Island Creek
Old Root Narrows
Oyster Bay
Point Woods Gut
Powells Bay
Sign Gut
Sloop Gut
Taylors Narrows
The Four Mouths
Thurf Marsh Island
Walker Point
Wallops Island
Watts Bay
Wildcat Gut
Wildcat Marsh
Wildcat Point
Wishart
Wishart Point
Woods Grave

Approved:

A. Joseph Wraight

A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett

Frank W. Pickett

Cartographic Technician

FORM 182 (8-61)		PHOTOGRAMMETRIC OFFICE REVIEW		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
50.		T- 11661			
1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE		
RRW	RRW	RRW	RRW	4a Classification label <u>unclassified</u>	
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS)		
	RRW		RRW		
	7. PHOTO HYDRO STATIONS XX	8. BENCH MARKS XX	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC 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 XX	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 Robert R. Wagner		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT M. M. Slavney		
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 R. E. Smith			SIGNATURE OF SUPERVISOR M. M. Slavney		

49. NOTES FOR THE HYDROGRAPHER

Following is a list of topographic stations:

LAW(1942) 1961 (d.m.)

Center of small red building, 1961

Chimney 2-story house, 1961

S.E. Gable, Cabin 1961 - destroyed by storm of March 1962

SE corner pier ruins, 1961

SW corner of pier, 1961

FIELD EDIT REPORT

The alongshore field edit was done by W. M. Reynolds in July 1962. The following notations are from the field edit sheet:

1. The shoreline delineation was checked visually by skiff and appears good.
2. The aids and topographic stations were checked and the positions are good.
3. Add marsh island, photograph 62-W-3766.
4. SE GABLE CABIN 1961 destroyed by storm.

No field edit report has been received.

Tampa

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631/lrw

July 5, 1962

Mr. William M. Reynolds

Chief, Photogrammetry Division

Field Edit - Project PH-5907,
Chincoteague, Virginia

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

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

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

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

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

Ed J. E. Waugh

J. E. Waugh

cc:
TBO, 211,
CofP 720

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

POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

663 18
RECEIVED
JUL 30 1962

TAMPA DISTRICT OFFICE
23 July 1962 G. S.

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

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

REFERENCE : Your letter 631/lrw dated 5 July 1962

The aids to navigation in maps T-11660 and T-11661 were
relocated last week. These aids were cut in by theodolite
from a combination of triangulation and pass points which
were plotted on the manuscripts. The cuts were plotted
on the manuscripts and none of the aids were moved from
the locations as provided by the Tampa Office. These
manuscripts with the cuts left intact have been turned
over to the hydro party.

William M. Reynolds
William H. Reynolds
Sub-unit Photo. Party
780

*Copy mailed to Tampa; Reynolds
verified their work as OK.
7/26/62
PKS*

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

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Nautical Chart Branch

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
XO BE REVISED
XO BE DELETED

STRIKE OUT TWO

Tampa District Office 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

V. Rappaport Hovavski
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																	
	CHINCOTEAGUE CHANNEL																	
✓ LIGHT 12	"		37 55	32.99 1233 53.23 1611	75 23	28.33 692 15.64 382	N.A. Rad. Plot 1927 T-11663*	Oct. 31 1961	X				1220, 1221					
✓ LIGHT 13	"		37 55		75 23				X				"					
	CHINCOTEAGUE BAY																	
✓ LIGHT 1	"		37 56	12.04 587 22.81	75 22	26.33 613 22.08	Rad. Plot T-11661*	Aug. 14 1961	X				"					
✓ DAYBN 2	" <i>Suspended by 04 7/3/62</i>		37 56	22.81 919	75 22	732			X				"					
✓ LIGHT 4	"		37 56	28.11 1175 47.94 1178	75 22	30.96 756 40.12 937	Rad. Plot T-11660*	"	X				"					
✓ LIGHT	KILLICK SHOAL OBSTRUCTION		37 56		75 22				X				"					
	CHINCOTEAGUE BAY																	
✓ DAYBN 6	"		37 56	48.30 1189	75 22	32.64 727	"	"	X				"					
✓ DAYBN 7	"		37 56	52.36 1830	75 22	25.03 611	Rad. Plot T-11661*	"	X				"					
✓ LIGHT 2	"		37 57	07.85 242	75 22	23.02 562	"	"	X				"					
✓ DAYBN 10	"		37 57	54.00 1665	75 22	40.13 987	Rad. Plot T-11660*	"	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

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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

19 62

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

The positions given have been checked after listing by

M. M. Slavney
M. M. SlavneyV. 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 *									
							°	'	°	'	D. M. METERS	D. P. METERS						

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

REVIEW REPORT T-11661

SHORELINE

June 7, 1972

61. GENERAL STATEMENT

See Summary on page 6 of this Descriptive Report.

An ozalid comparison print, showing differences noted in Item 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. Shoreline differences between this survey and T-11661 were shown in blue on the comparison print.

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

This map supersedes previous topographic surveys of the area 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, Scale 1:25,000, 1949 printing. This map is a copy of Coast and Geodetic Survey map T-8157; 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. Comparison was limited to the southwest corner of the map, west of Long. 75°21.2'. No significant differences in shoreline were noted.

65. COMPARISON WITH NAUTICAL CHARTS

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

Aids to navigation in the map area have been changed since compilation of this map; none of the charted aids appear to be in the same location as the aids mapped on T-11661.

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 by:

Charles H. Bishop

Charles H. Bishop
Cartographer
June 7, 1972

Approved for forwarding:

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

Approved:

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

Approved:

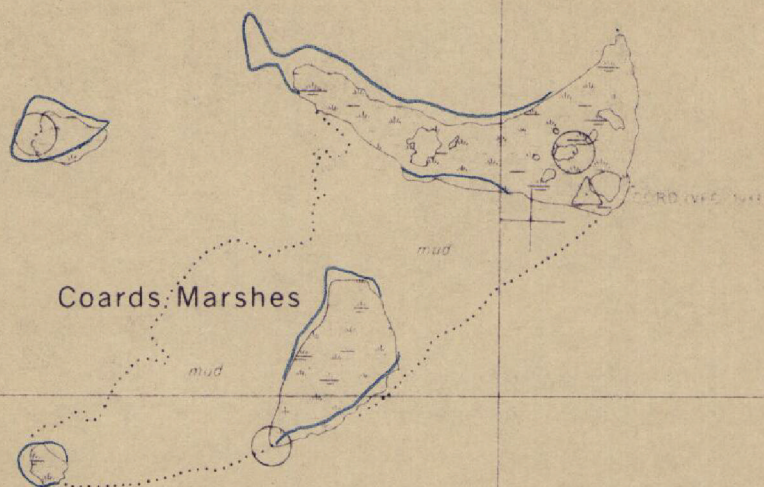
David A. Ryerson *James Collier*
Chief, Photogrammetric Branch Chief, Coastal Mapping Division

COMPARISON PRINT

Blue = T-8157 and AMS
SHEET 5959 IV NE

100 FT

20'

 $75^{\circ}19'30''$ $r=2,915,000$ FT $38^{\circ}00'00''$  $59'30''$

T-11661
1:10,000

21'

20'30"

75°20'

25

37°59'

Mink Tump

COMPARISON PRINT

Blue = T-8157 and AMS
SHEET 5959 IV NE

58'30"

Booths Bay Island

C O T E A G U E
B A Y

37°58'

Archie
Cove

60375

T-11661
1:10,000

62-W-3767

19°30"

75°19'

18°45"

26

60376

Wildcat Point

37°59'

Harmon Cove

Wildcat Marsh

62-W 3766

M=615,000 FT

58°30"

COMPARISON PRINT

Blue = T-8157 and AMS
SHEET 5959 IV NE

37°58'

M=610,000 FT

T-11661
1:10,000

S S A T E A G U E B A Y

7'30"

37°57'30"

COMPARISON PRINT

Blue = T-8157 and AMS
SHEET 5959 IV NE

$$y = 605\,000 \text{ FT}$$

57'

57

56'30"

56'30"

$$H = 600,000 \text{ FT}$$

4

37° 56' 15"

 $75^{\circ} 22' 30''$

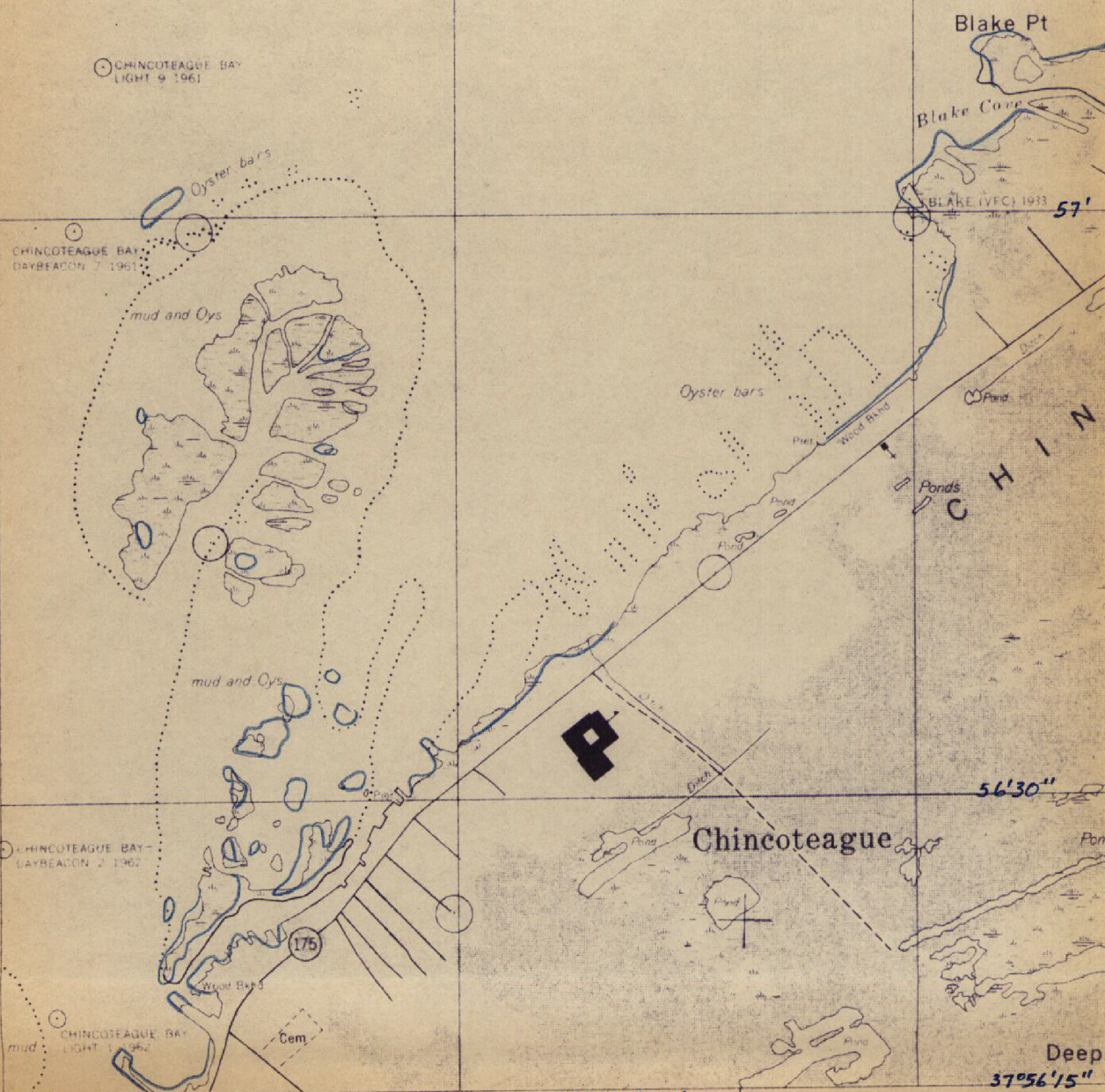
75° 22'

T-11661
1:10,000

 $x = 2\,905.000 \text{ FT } 21'30''$

37°56'15"

Deep



37°57'30"

28

57'30"

CENTER OF SMALL
RED BLDG 1962

COMPARISON PRINT

Blue = T-8157 and AMS
SHEET 5959 IV NE

Duck blind

37°57'

Mo

OYSTER BAY

M.O

56'30"

56'15"

T-11661

1:10,000

20"

5

21'

1:2 910,000 FT

75°20'30"

Hole

ONE 2 STORY
HOUSE 1961

Deep Hole
Creek

62 W 3768

60374

