

T-11664



T-11664

FORM C&GS-504

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey **SHORELINE**Field No. _____ Office No. **T-11664***Field edited map*

LOCALITY

State **VIRGINIA**General locality **ACCOMACK COUNTY**Locality **PINEY ISLAND**1959-62

CHIEF OF PARTY

Joseph K. Wilson, Chief of Field Party
V. Ralph Sobieralski, Tampa District Officer
Alfred C. Holmes, Director, AMC

LIBRARY & ARCHIVES

DATE **JUL 1975**

DESCRIPTIVE REPORT - DATA RECORD

T - 11664

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: 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 HIGHER LOW WATER~~ 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):

Assateague Lighthouse, 1909, 1932

LAT: / /

37°54'39.798" (1227.0m.)

LONG: / /

75°21'22.992" (561.6 m.)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

Y = 589,537.38 ft.

X = 2,906,814.39 ft.

Virginia

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.

FORM C&GS-181b
(12-61)U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T-11664

FIELD INSPECTION BY (II): W. M. Reynolds, M. A. Stewart		DATE: Nov. 1961 and May 1962
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air photo compilation Date of photography: October 13, 1959 (Nine-lens) April 28, 1962 (Single-lens)		
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): V. P. Cackowski		DATE May 1962
CONTROL CHECKED BY (III): W. H. Shearouse		DATE May 1962
RADIAL PLOT OR OTHER FORM OF POSITION DETERMINATION BY (III): R. R. Wagner		DATE May 1962
STEREOSCOPIC INSTRUMENT COMPILATION (III): Inapplicable	PLANIMETRY	DATE
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): R. J. Pate " Reviewed by: I. I. Saperstein		DATE Nov. 1962 Dec. 1962
SCRIBING BY (III): P. W. Leikhim " Reviewed by: R. R. Wagner		DATE Jan. 1963 Jan. 1963
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): W. H. Shearouse		DATE March 1963
REMARKS:		

FORM C&GS-181c
(12-61)U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T-11664

CAMERA (KIND OR SOURCE) (III):

C&GS Nine-lens

WILD "W" Single-lens

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60365	10-13-59	0908	1:10,000	1.0 Ft. above MLW
60366	"	0908	"	" " "
60367	"	0909	"	" " "
60372	"	0915	"	" " "
60373	"	0916	"	" " "
62W-3769	4-28-62	None available	1:20,000	
62W-3770	"	" "	" "	
62W-3778	"	0942	" "	0.2 Ft above MLW
62W-3779	"	0942	" "	" " "
62W-3780	"	0943	" "	" " "
62W-3781	"	0943	" "	" " "

Predicted TIDE (III)

		RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION:	Sandy Hook	-	4.6	5.6
SUBORDINATE STATION:	Chincoteague Point	0.57	2.6	3.1
SUBORDINATE STATION:				
Atlantic Marine Center WASHINGTON, D.C. REVIEW BY (IV):		DATE: June 1972		
PROOF EDIT BY (IV):		DATE:		
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):	4*	RECOVERED: 2	IDENTIFIED: 1	
NUMBER OF BM(S) SEARCHED FOR (II):	0	RECOVERED: 0	IDENTIFIED 0	
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 4				
NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): 0				

REMARKS:

*Two additional stations were established subsequent to the radial plot which verified the plot.

COMPILATION RECORD

COMPLETION DATE

REMARKS

SHORELINE AND INTERIOR DETAILS COMPLETE	DECEMBER 1962	SUPERSEDED
FINAL REVIEW	June 1972	

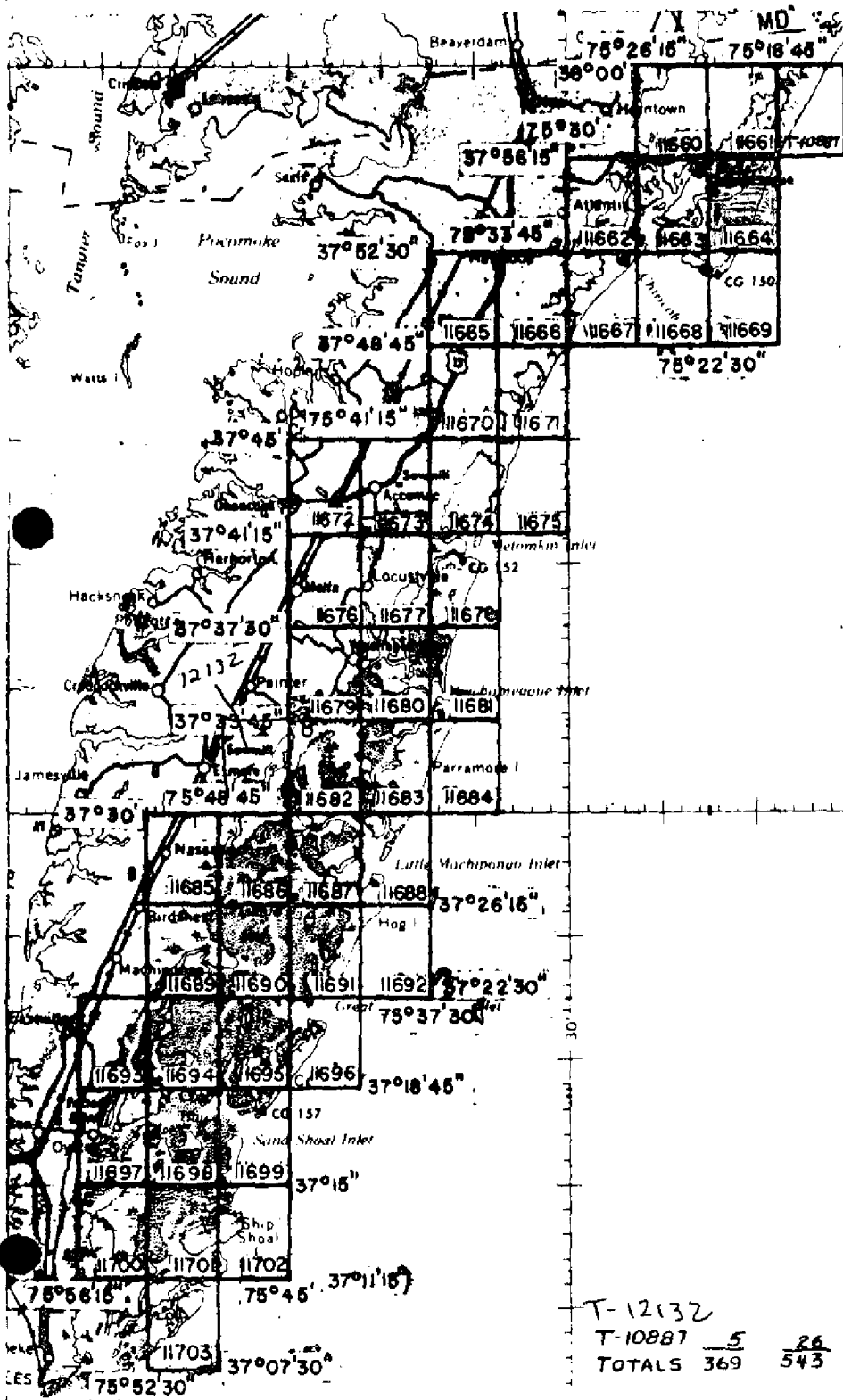
PH-5907

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

TOTALS 369 543

11-9-61

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-11664

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 and May 1962.

Compilation was based on control established by radial phot 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 Report was available at the time of Final Review.

Final review was done at the Atlantic Marine Center in August 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 Cable 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

SCALE FACTOR:

[illegible]

COMM-DC-57843

COMPILATION REPORT T-11664PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11680.

31. DELINEATION

The graphic method was used. Photographs were adequate and field inspection was ~~complete~~ complete. Single and nine-lens photographs were used during compilation.

Field inspection had been done adequately in November 1961 on the nine-lens photographs, but the storm of March 7-9, 1962 made drastic changes in the ocean shoreline and some of the interior shoreline. Consequently all the Atlantic Ocean shoreline, and the shoreline in Assateague Cove in the vicinity of longitude $75^{\circ} 21'$ between latitude $37^{\circ} 52' 30''$ and $37^{\circ} 53'$ were transferred from R.S. 775, 1:20,000 scale, which had been field inspected in May 1962 and field edited in June 1962 by Wm. M. Reynolds. The continuation of the shoreline in Assateague Cove from latitude $37^{\circ} 53'$ north and west was delineated from office interpretation of the April 1962 single-lens 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

Most of the shoreline, shoal and low-water lines were delineated from office interpretation of the single-lens photographs, except where noted under item 31.

A new bridge is under construction across Assateague Channel at latitude $37^{\circ} 55'$, longitude $75^{\circ} 21'$.

36. OFFSHORE DETAILS

Numerous oyster beds were indicated on the field prints and have been delineated accordingly.

37. LANDMARKS AND AIDS

Form 567 for one aid to navigation was submitted under date of May 29, 1962. There are no landmarks.

38. CONTROL FOR FUTURE SURVEYS

Four unmarked topographic stations were established and listed under item 49.

39. JUNCTIONS

A satisfactory junction has been made with T-11663 on the west, T-11661 north and T-11669 south; Atlantic Ocean is to the east.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with quadrangle CHINCOTEAGUE EAST, 1:25,000 compiled by USC&GS in 1942 copied by AMS 1946. The comparison is generally favorable with the following exceptions: A new bridge under construction, see item 35, and the construction of several levees in Chincoteague Wildlife Refuge.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with chart 1220, scale 1:80,000, edition of September 4, 1961 corrected to October 28, 1961.

The map mentioned under item 46 is probably the source of topography for the chart and the same differences were noted, except that the bridge under construction is shown on the chart. A wreck, shown on the chart at latitude $37^{\circ} 54.0'$, longitude $75^{\circ} 19.7''$ could not be seen on the photographs.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

R J Pate

R. 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-11664

Assateague Channel
Assateague Island
Atlantic Ocean
Birch Town
Black Duck Creek
Black Duck Marsh
Carpenter Drain
Chincoteague
Chincoteague Island
Chincoteague National Wildlife Refuge
Deep Hole
Deep Hole Creek
Eel Creek
Horse Marsh
Janey Creek
Janey Creek Marsh
Little Oyster Bay
Little Toms Cove
Piney Island
Sheepshead Creek
Smalley Drain
Toms Cove

Approved:

A. J. Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

49. NOTES FOR THE HYDROGRAPHER

Four unmarked photo stations were established.

CUPOLA, 1961

CHIMNEY, 1961

CHIMNEY, 1961 (Ho on piles)

SW GABLE, 1961 (Red cabin)

FORM 182 (3-61)		PHOTOGRAMMETRIC OFFICE REVIEW		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
50.		T- 11664			
1. PROJECTION AND GRIDS WHS		2. TITLE WHS <i>1st. Classification</i> Unclassified		3. MANUSCRIPT NUMBERS WHS	
				4. MANUSCRIPT SIZE WHS	
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY WHS		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) WHS		
	7. PHOTO HYDRO STATIONS XX	8. BENCH MARKS XX	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC PLOT REPORT MMS	
	11. DETAIL POINTS IIS				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE WHS		13. LOW-WATER LINE WHS		14. ROCKS, SHOALS, ETC. WHS
	15. BRIDGES WHS		16. AIDS TO NAVIGATION WHS		17. LANDMARKS XX
	18. OTHER ALONGSHORE PHYSICAL FEATURES WHS		19. OTHER ALONGSHORE CULTURAL FEATURES WHS		
PHYSICAL FEATURES	20. WATER FEATURES WHS		21. NATURAL GROUND COVER WHS		
	22. PLANETABLE CONTOURS XX		23. STEREOSCOPIC INSTRUMENT CONTOURS XX		
	24. CONTOURS IN GENERAL XX		25. SPOT ELEVATIONS XX		
	26. OTHER PHYSICAL FEATURES WHS				
CULTURAL FEATURES	27. ROADS WHS		28. BUILDINGS WHS		29. RAILROADS XX
	30. OTHER CULTURAL FEATURES WHS				
BOUNDARIES	31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX		
MISCELLANEOUS	33. GEOGRAPHIC NAMES WHS			34. JUNCTIONS WHS	
	35. LEGIBILITY OF THE MANUSCRIPT WHS		36. DISCREPANCY OVERLAY XX		37. DESCRIPTIVE REPORT WHS
	38. FIELD INSPECTION PHOTOGRAPHS WHS		39. FORMS WHS		
	SIGNATURE OF REVIEWER <i>William H. Shearouse</i> William H. Shearouse		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>Milton M. Slaney</i> Milton M. Slaney		
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT-Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.					
SIGNATURE OF COMPILER <i>RJ Pate</i>			SIGNATURE OF SUPERVISOR <i>M. M. Slaney</i>		

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 25353-P01

FIELD EDIT REPORT

Field edit corrections for R.S. 775 (1:20,000 scale) were made on this map where they apply, see item 31 of the compilation report. No report has been received for the field edit.

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

The positions given have been checked after listing by

M. M. Slavney

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
					° ' "	° ' "	D.P. METERS						
		SEACOAST			37 54	75 21	22.992	N.A.	Triang. Apr. 28				1220, 1221
LIGHT		ASSATEAGUE (ASSATEAGUE LIGHT-HOUSE 1902)			1227.0	75 21	561.6	1927	T-11663	1962	X	X	1000, 1109
		CHINCOTEAGUE INLET			48.23				Radial				
LIGHT					37 51	75 21	43.62		Plot Oct. 31				1220, 1221
		CHINCOTEAGUE CHANNEL			1487		1068		T-11663	1961	X	X	1109
LIGHT		ASSATEAGUE COVE			35.15	75 23	32.04		Plot				1220, 1221
		CHINCOTEAGUE CHANNEL			1084		763		T-11663		X	X	1109
LIGHT 5					16.45	75 24	01.92		Theod. Apr. 28,				1220, 1221
DAYBN 6					507		17		T-11663	1962			
DAYBN 7A					35.97	75 23	52.88		Sextant Oct. 30,				
LIGHT 8					1109		14.63		T-11663	1961			
					04.38	75 25	07.56		Theod.				
LIGHT 9					135		185		T-11663		X	X	
					49.37	75 24	11.20		"	Apr. 28,			
LIGHT 10					1522		274		"	1962	X	X	
					35.42	75 24	26.73		Rad. Plot				
LIGHT 11					1092		703		T-11663		X	X	
					17.42	75 24	15.00		Theod.				
					537		857		T-11663		X	X	
					04.67	75 23	51.75		Rad. Plot				
					144		1264		T-11663		X	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

REVIEW REPORT T-11664

SHORELINE

JUNE 16, 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-8157, scale 1:20,000 dated 1943. Shoreline differences between this survey and T-11664 are shown in blue on the comparison print.

A wreck at Lat. 37°53.6', Long. 75°20' (approx.) was not visible on the photographs.

In the area compared, T-11664 supersedes the registered survey for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with AMS SHEET 5959 IV NE, CHINCOTEAGUE EAST, VIRGINIA, scale 1:25,000, printed in 1949. 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. Significant differences between this survey and T-11664 are shown in purple on the comparison print.

H-8764 did not cover the entire shoreline on T-11664; comparison was limited to the area covered by H-8764.

65. COMPARISON WITH NAUTICAL CHARTS

A visual comparison was made with Chart 1220, scale 1:80,000, 18th edition, dated 17 June 1971.

No significant differences in shoreline were noted. A wreck, not visible on the photographs, is shown on the comparison print. This is the same wreck mentioned in Item 62.

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 at the time of 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 of this map 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 16, 1972

Approved for Forwarding:

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

Approved:

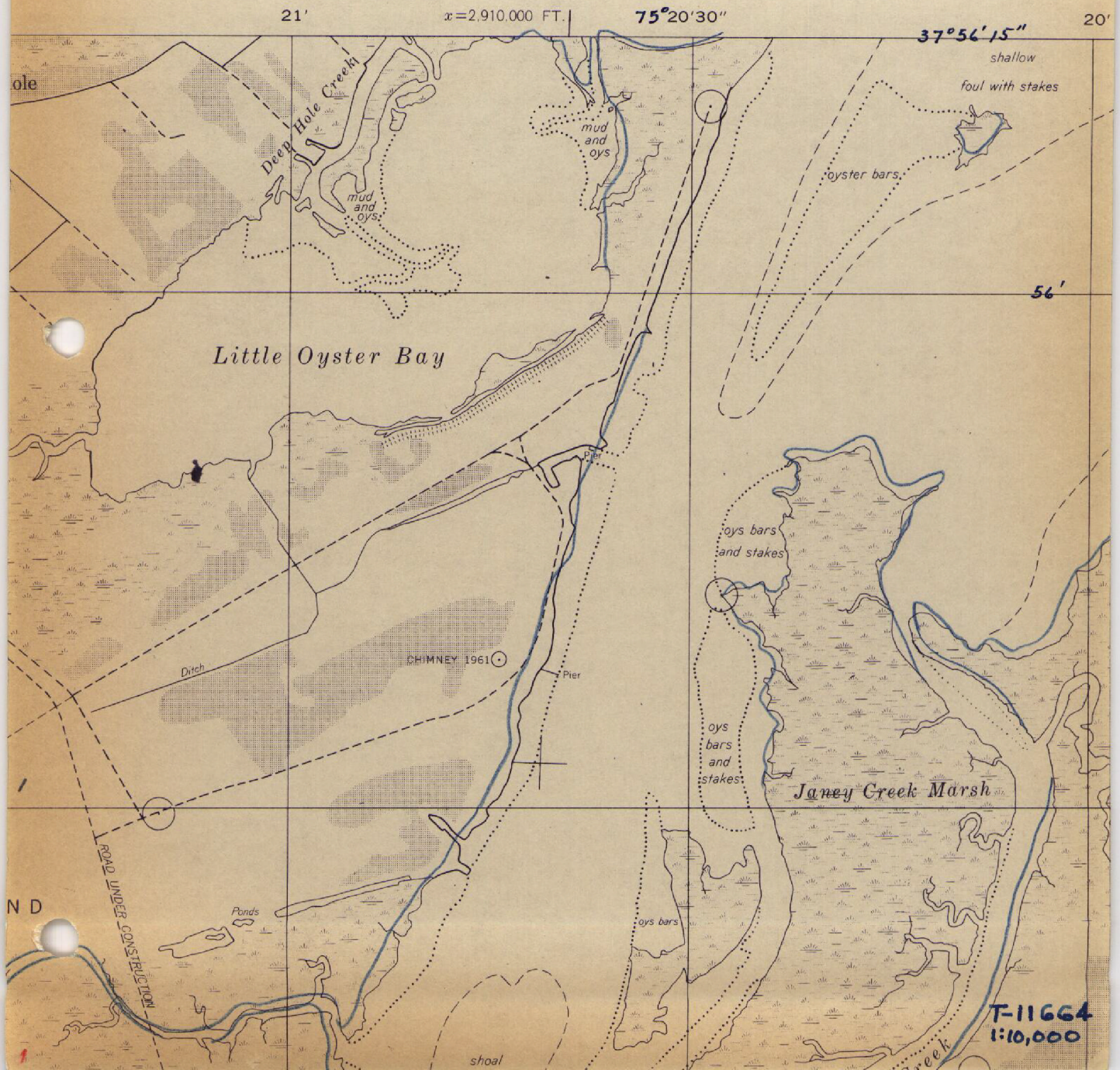
Alfred C. Holmes
Alfred C. Holmes, RADM, NOAA
Director, Atlantic Marine Center

Approved:

W. J. Dwyer *James E. Allen*
Chief, Photogrammetric Branch Chief, Coastal Mapping Division

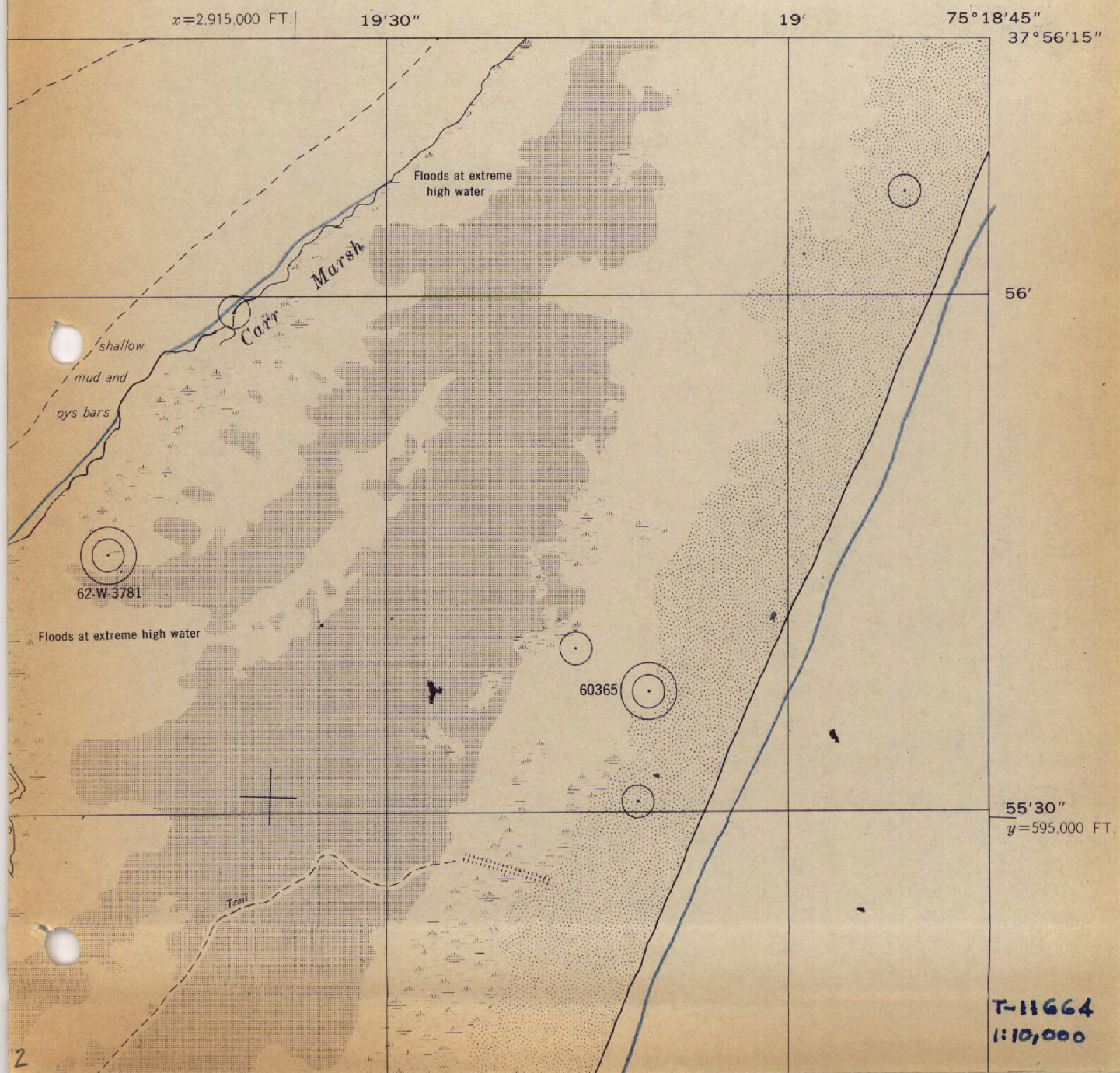
COMPARISON PRINT

Blue = T-8157 and AMS
5959 IV NE



COMPARISON PRINT

Blue = T-8157 and AMS
5959 IV NE



y=595,000 FT.

55'30"

CHINCOTE 75°22'

21'30" 23

3155'30"

PINEY ISLA

60373

Birch Town

CUPOLA
1961

55'

62-W-3770

Sheephead Creek

Carpenter Drain
Horse Marsh
Smalley Drain

Black Duck Marsh

Assateague

COMPARISON PRINT

Blue - T-8157 and AMS
59591V NE

54'30"

Floods

Floods at extreme
high water

Floods

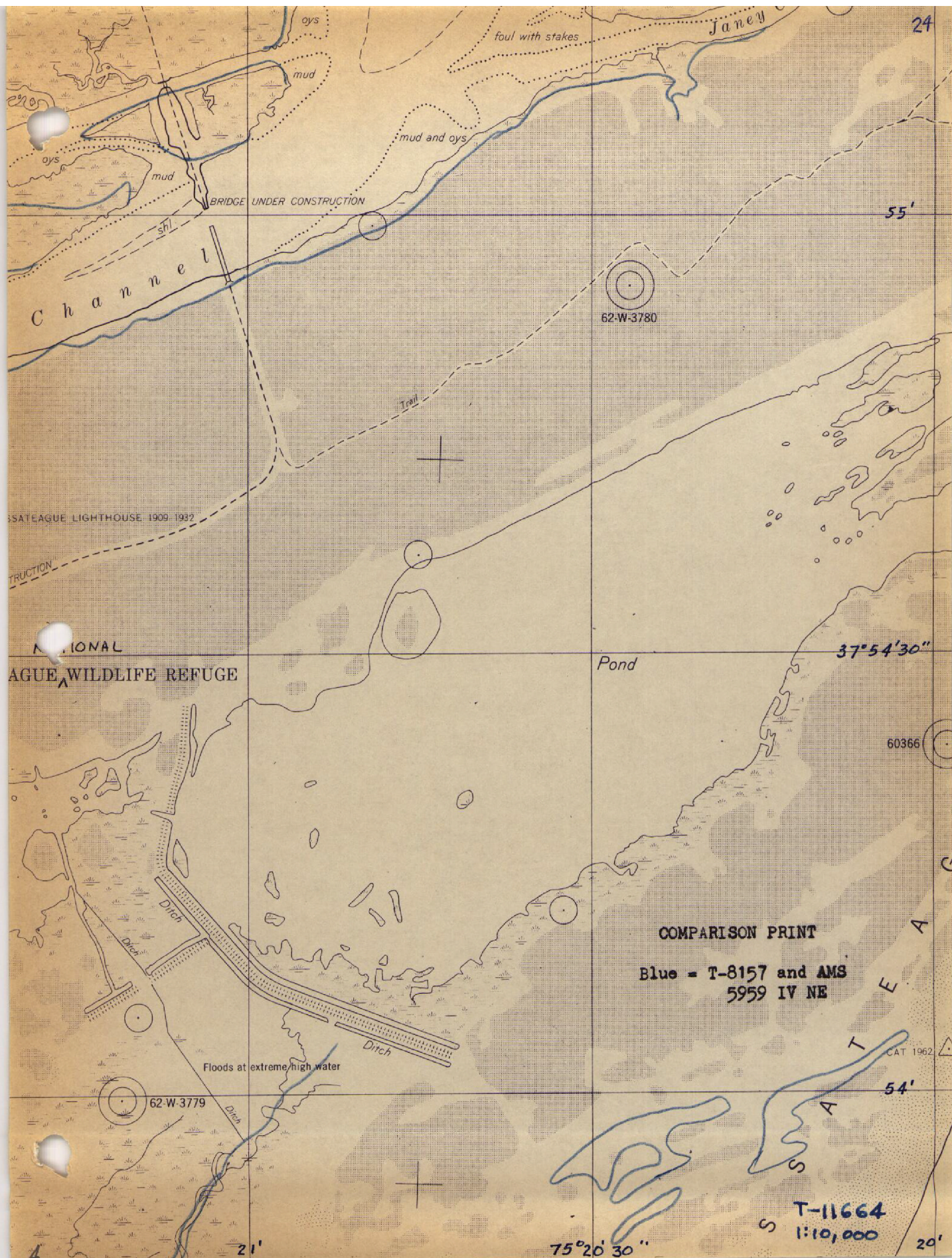
54-30
CHINCOTE

Black Duck Creek

Ditch

Ma islets

Pond
T-11664
1:10,000



STEEL 1962

COMPARISON PRINT

Blue = T-8157 and AMS
5959 IV NE

55'

 $y = 590.000$ FT.

54'30"

54'

T-11664
1:10,000

 $y = 585.000$ FT.

C
E
A
N



A S S A T E A G U E I S L A N D

26

53'30"

CHIMNEY 1961 (Ho on piles)

Wk Aw

y=580,000 FT.

53'

A S S A T O M S U E C O V E

Numerous stakes marking the limits of planted oyster beds are located in Term S Cove

COMPARISON PRINT

Blue = T-8157 and AMS
5959 IV NE

T-11664
1:10,000

37°52'30"

75°22'30"

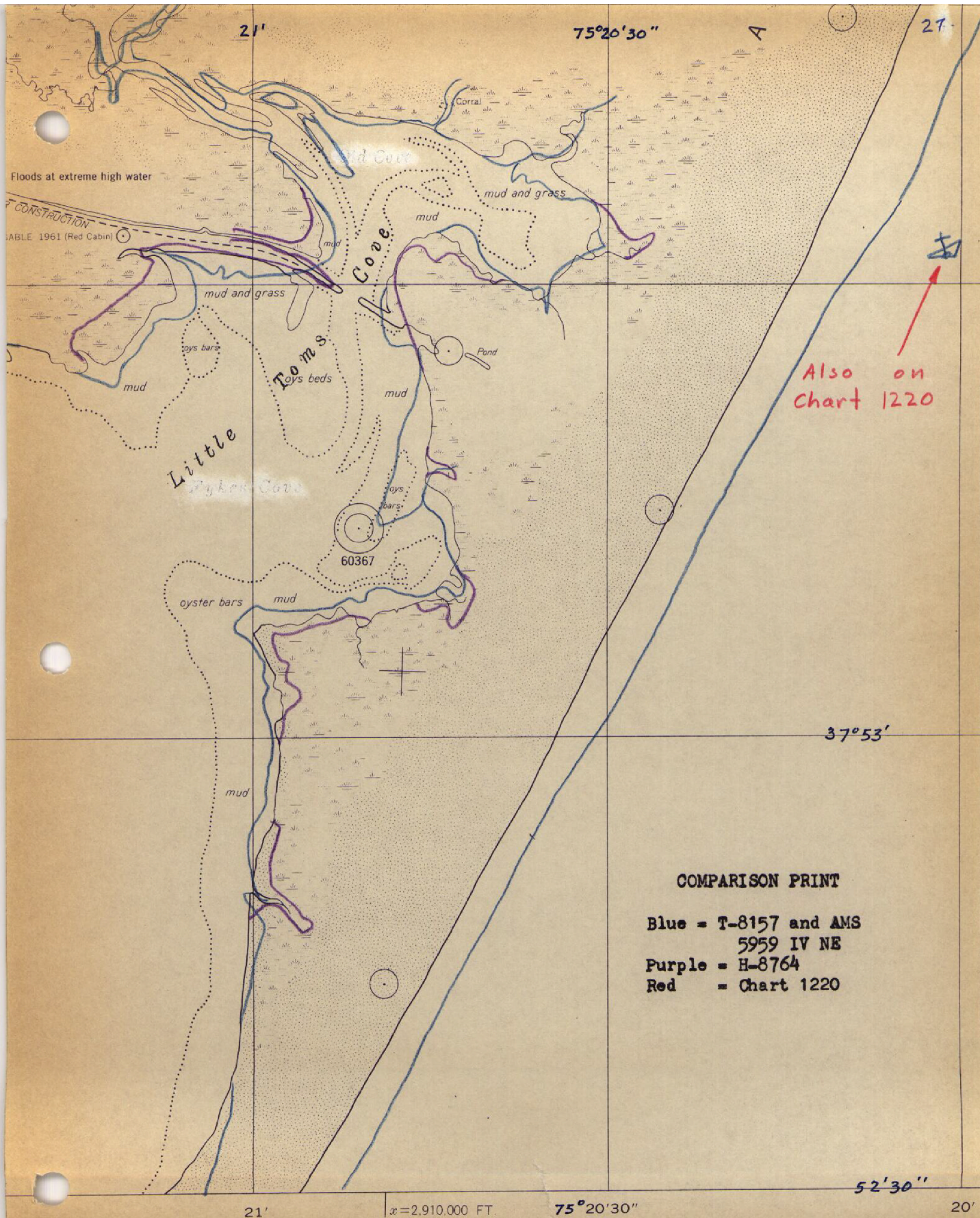
22'

x=2,905,000 FT.

21'30"

INDEX TO ADJOINING SHEETS
PROJECT-5907

COMPILATION RECORD



COMPARISON PRINT

Blue - T-8157 and AMS
5959 IV NE
Purple - H-8764
Red - Chart 1220

COMPLETION DATE

REMARKS

LEGEND

T-11664
1:10,000

Woodland

△ Recoverable horiz
○ Recoverable horiz
..... Approximate mea