

T-11671

Original

T-11671

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-11671
Field edited map	
LOCALITY	
State	VIRGINIA
General locality	ACCOMACK COUNTY
Locality	GARGATHY INLET
1959-62	
CHIEF OF PARTY	
Joseph K. Wilson, Chief of Field Party	
V.R. Sobieralski, Tampa District Officer	
Alfred C. Holmes, Director, AMC	
LIBRARY & ARCHIVES	
DATE	1 JUL 1975

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T -11671

PROJECT NO. (II):

PH-5907

FIELD OFFICE (II):

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 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):

BALL 1961

LAT.:

37°46'45.386(1399.3m)

LONG.:

75°31'45.535"(1114.3m)

☐ ADJUSTED☒ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

=

X =

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): M. A. Stewart		DATE: October 1961
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air photo compilation Date of photographs: April 28, 1962 Supplemented by field edit measurements of June 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): V. P. Cackowski		DATE April 1962
CONTROL CHECKED BY (III): V. P. Cackowski		DATE April 1962
RADIAL PLOT OF 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		DATE June 1962
SCRIBING BY (III): R. Dossett Reviewed: W. H. Shearouse		DATE August 1962 August 1962
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): Compilation: W. H. Shearouse Drafting: W. H. Shearouse		DATE June 1962 October 1962
REMARKS:		

FORM C&GS-181c
(12-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):
C&GS 9-lens and Wild "W" single lens

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60479	10/13/59	10:36	1:10,000	Not used for shoreline
60480	"	10:37	"	" " " "
60525	"	11:13	"	" " " "
60526	"	"	"	" " " "
62-W-3835	4/28/62	10:30 approx	1:20,000	0.9 ft. above MLW
" 3836	"	" "	"	" " "
" 3837	"	" "	"	" " "
" 3857	"	" "	"	" " "
" 3858	"	" "	"	" " "

Predicted TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Sandy Hook	-	4.6	5.6
SUBORDINATE STATION: Metomkin Inlet	HW -0.9		
	LW 0.0	3.7	4.5
SUBORDINATE STATION:			

Atlantic Marine Center
WASHINGTON, D.C. 20540

REVIEW BY (IV): C. H. Bishop

DATE: October 1973

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 11	RECOVERED: 4	IDENTIFIED: 5*
NUMBER OF BM(S) SEARCHED FOR (II): 0	RECOVERED:	IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 0

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): 0

REMARKS:
* 1 of these 5 is BALL established in 1961

COMPILATION RECORD

COMPLETION DATE

REMARKS

Alongshore area for hydro	May 1962	Superseded
Revised from alongshore field edit	June 1962	Superseded
Interior details added Compilation complete	August 1962	Superseded
Final Review	October 1973	

PH-5907

5

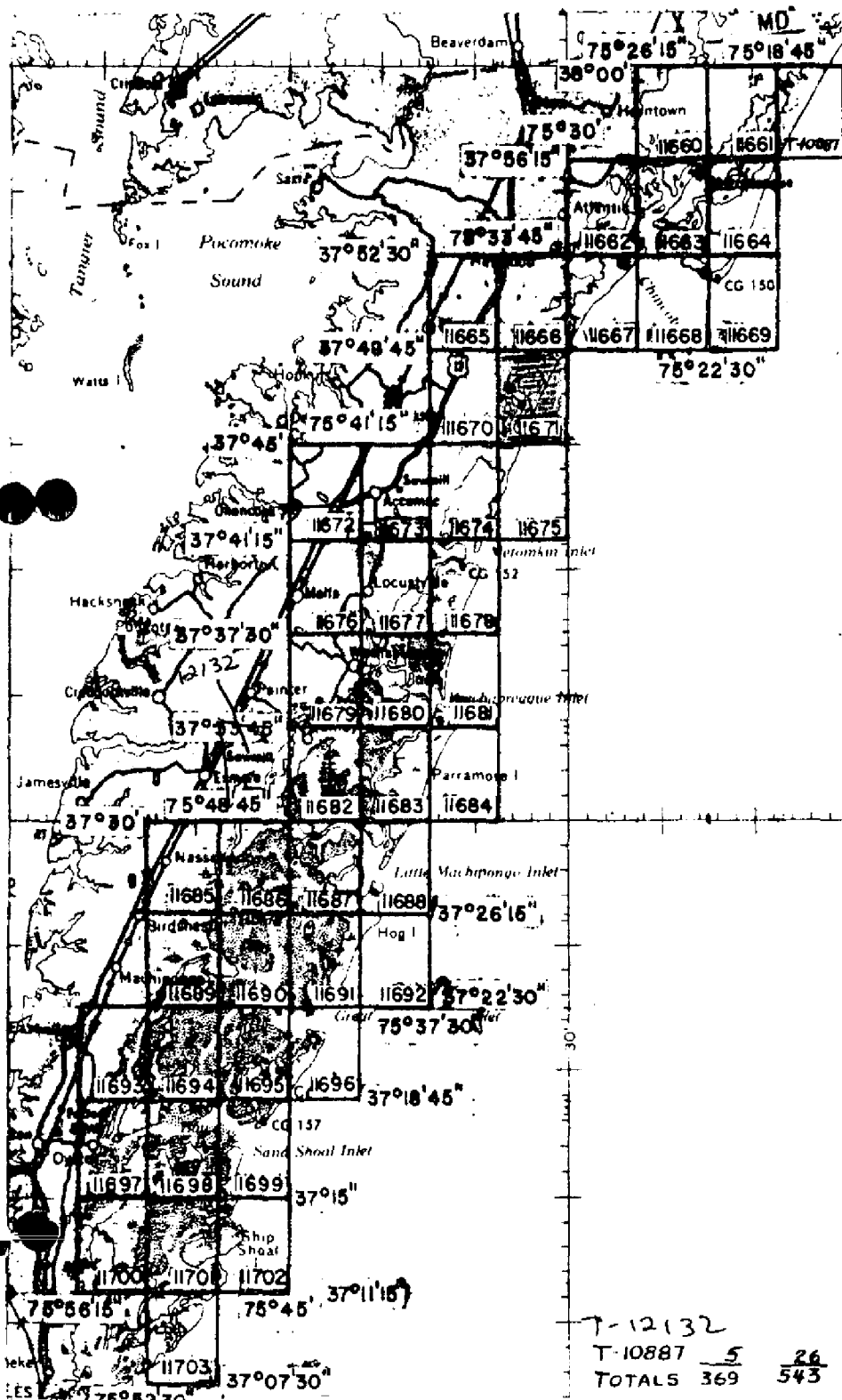
CAPE CHARLES TO ASSATEAGUE, VA

Planimetric Mapping Scale 1:10,000

OFFICIAL MILEAGE
FOR COST ACCOUNTS

Sheet No.	Area Sq. Mi.	Lin. Mi. 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-10887 5 26
TOTALS 369 543



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-11671

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 on page 5 indicates the location of this map in the project.

Field inspection prior to compilation was done in October 1961 on 9-lens photographs.

Single lens photographs taken in April 1962, after the hurricane which occurred in March 1962, were used for compilation. Control was 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.

Field edit was done in 1962. Numerous shoreline corrections were made and applied to the manuscript.

Final review was done at the Atlantic Marine Center in October 1973.

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 11665, 11666, 11670 and 11671
PROJECT PH-5907

2. Areal Field Inspection.

These maps are located along the eastern shore of Virginia, in Accomac County. The area is primarily rural and the principal industry is truck farming. Maps 11665 and 11670 are located along the mainland. Maps 11666 and 11671 are partially mainland and partially areas of marsh, water and islands separating the mainland from the Atlantic Ocean. Parts of Metomkin Island and all of Assawaman Island are located in maps 11666 and 11671. These islands are uninhabited and consist of low stretches of sand and marsh. The area is served by U.S. Highway 13 and numerous secondary state and county roads. The Pennsylvania Railroad crosses map 11665 and is just west of map 11670. The Intracoastal Waterway crosses maps 11666 and 11671. The waterway is shallow and usable by shallow draft boats only. The only urban areas are the settlements of Bloxom, Hallwood, Nelsonia and Mappsville located in map 11665. The settlements of Assawaman and Conquest Corners are located in map 11666 and the settlements of Gargatha and Modest Town are located in map 11670. All of the settlements are small farming communities and have no other industry.

The photography was taken in October of 1959 and was of good quality. No difficulty was encountered in their interpretation in the field. The tone changes ranged from white, in the sand areas, to grey, in the areas of grass, to black, in the areas covered by marsh or trees.

Field inspection is believed complete and was performed on 1:10000 scale nine-lens photographs. The photographs containing field inspection information are; 60447 through 60451, 60456 through 60462, 60476 through 60482 and 60524 through 60527. No items were deliberately left for field edit.

3. Horizontal Control.

All Coast and Geodetic Survey Control Stations were searched for. One station, BALL 1961, was established by closing two triangles from previously established stations. The closures of the triangles were satisfactory. The position of the new station was computed but no adjustment was made.

The identification of control, as indicated by a copy of the project diagram, was adequately met for these maps.

Item 3, Horizontal Control Cont'd.

The following stations were reported lost;

11665	11670
none	none
11666	11671
ASSAWAMAN 4 1934	Chincoteague to Hog Island,
ASSAWAMAN CREEK SHACK, EAST GABLE	Kegotank Bay, Beacon No. 4, Red
CHIMNEY 1934	1934
WATCH HOUSE 1902	Chincoteague to Hog Island,
11671	Kegotank Bay, Beacon No. 6, Red
KEGOTANK 1909	1934
Kegotank Bay Shack on Piles 1934	Drums Farmhouse South Chimney
Kegotank House Boat East End 1934	1909
Old House With Six Windows, Center	Chimney 1909

4. Vertical Control.

There are no tidal bench marks within these maps.

5. Contours and Drainage.

Contours are inapplicable.

The tidal streams are visible on the photographs. The drainage along the mainland areas of these maps has been indicated on the photographs.

6. Woodland Cover.

All woodland cover was inspected and has been classified on the photographs.

7. Shoreline and Alongshore Features.

The mean high water line along the Atlantic Ocean was located by measurement from identifiable photo. points. Identifiable points around the inlets could not be found due to the water having swept across the low sand areas. The mean high water line around the inlets has been indicated as photographed. All maps with inlets located therein should carry the notation "Shoreline Subject To Frequent Change".

The apparent shoreline in the marsh areas was inspected by skiff running close to shore and has been indicated on the photographs.

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.

There are no submarine cables within these maps. The cable area across Gargathy Inlet, chart 1221, has been removed. This cable was a Coast Guard Telephone Line. The line now enters Metomkin Inlet Coast Guard Station, map 11678, from the mainland to the west.

All other shoreline structures have been clarified.

8. Offshore Features.

The shoal areas around Gargathy Inlet and the spoil areas in Kegotank Bay were visited during high water. Appropriate notes concerning these areas have been made on the photographs.

9. Landmarks and Aids.

Landmarks for nautical charts and fixed aids to navigation are adequately covered by Form 567. This form is submitted with this data.

There are no aeronautical aids within these maps.

10. Boundaries, Monuments and Lines.

The entire area is within Accomac County, Virginia. The only boundaries affecting these maps are the corporate limits of Bloxom in the southwest corner of map 11665 and the limits of the mainland portion of Wallops Island National Aeronautics And Space Administration Reservation in the northeast corner of map 11666. The corporate limits of Bloxom has been indicated on photograph 60449 and a print of the official map is enclosed. The limits of the mainland area of Wallops Island National Aeronautics And Space Administration Reservation has been indicated on photograph 60482. The agency did not have a map showing the overall limits. Copies of prints showing the limits across four individual pieces of property are enclosed. The limits as indicated on photo. 60482 were made with the aid of personnel of NASA and by the fence around the northwesterly side of the property.

11. Other Control.

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

11665
none
11670
none

11666
BULL 1961
North Gable, Two Story
House with Twin Chimneys

11671
DINE 1961
MUST 1961
WILD 1961

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.

There are no airports or landing fields within the area.

13. Geographic Names.

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

14. Special Reports and Supplemental Data.

1 print, town of Bloxom, submitted with this report
4 prints, limits of mainland portion of NASA Reservation
across 4 individual pieces of property, submitted with
this report
Form 567, submitted with this report
Letter of Transmittal, submitted with this report

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-111671

PROJECT NO. Ph 5907

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)	FORWARD	(BACK)
BALL 1961	Field	N.A.	37 46	45.386					1399.3		pl VPC 4/30/62	
	Comp.	1927	75 31	45.535					1114.3			
	6.1 H	"	537,663.64		16	3880.2						
JUTTON 1949	658	"	2,848,944.24		86	8359.9						
	NORTHAM FARM No. P.C.	"	549,184.89		16	7391.9						
	SOUTH CHIMNEY 1909	"	2,853,656.31		86	9796.2						
GARGATHY 3/1934	P.C.	"	532,429.39		16	2284.8						
	234	"	2,855,300.51		87	0297.3						
	P.C.	"	542,089.96		16	5229.4						
DENNIS 1909	48	"	2,851,781.89		86	9224.9						
	Field	"	37 46	46.478					1433.0	(416.8)	pl RDP 9-19-62	
	Comp	"	75 31	45.785					1120.4	(347.9)		
GARTH 1962	"	"	37 45	32.022					1987.1	(862.6)		
	"	"	75 32	27.649					676.8	(791.9)		
GAR 1962	"	"										
	"	"										
	"	"										
	"	"										
	"	"										
	"	"										
	"	"										
	"	"										
	"	"										
	"	"										
	"	"										
	"	"										
	"	"										
	"	"										
	"	"										

1 FT. = 3048006 METER
COMPUTED BY: *KRM*

DATE Feb 1962

CHECKED BY: VPC.

DATE 3/62

COMM. DC-57843

COMPILATION REPORT
T-11671

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11680

31. DELINEATION

This manuscript has been delineated entirely from 1962 single lens photographs with reference to the field inspection done in 1961 on 1959 ninelens field prints. The interior details were added after the field edit, which covered only the outer shoreline. The field editor established sextant fix points for location of this shoreline and at certain points, recommended an indefinite shoreline, this has been delineated accordingly. Very few changes in the marsh and watershed areas were noted between the 1959 and 1962 photographs. The single lens photographs were of good scale, and field inspection on the 1959 photographs were adequate.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours inapplicable.

Drainage has been delineated according to field inspection notes and photographic interpretation.

35. SHORELINE AND ALONGSHORE DETAILS

All piers and alongshore structures indicated by the field inspection or field edit have been delineated.

The mean high-water line has been delineated according to field edit notes(see item 31). Shoal and low-water lines have been delineated from photographic interpretation and are approximate. The inspection was adequate.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

See forms 567 which were submitted under date of May 29, 1962 and July 2, 1962 for nonfloating aids.

There are no landmarks.

38. CONTROL FOR FUTURE SURVEYS

Three (3) topographic stations were established by the field party in 1961. The field editor reports these stations destroyed by the March 1962 storm and flood.

39. JUNCTIONS

A junction has been made with T-11666 on the north, T-11675 on the south and T-11670 on the west; the Atlantic Ocean is to the east.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U S Corps of Army Engineers quadrangle MAPPSVILLE, scale 1:31680 compiled in 1942. Due to the changes caused by the March 1962 storm, the outer shoreline of the Atlantic Ocean has undergone radical change. Inshore areas compare favorably.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Nautical chart No. 1221, scale 1:80,000, 8th edition, corrected to October 28, 1961. The same discrepancies noted in item 46 are applicable.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

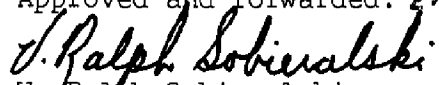
Outer shoreline revision noted in item 46.

ITEMS TO BE CARRIED FORWARD

None.


R. Dossett
Carto-photo Aid

Approved and forwarded: 29 OCT 1962


V. Ralph Sobieralski
Tampa District Officer

June 22, 1972

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-5907 (Virginia)

T-11671

Assawoman Island
Atlantic Ocean
Beach Rock
Big Gut
Cutoff Creek
Dr. Jack Gut
Egg Marsh
First Marsh
First Creek
Gargathy Bay
Gargathy Beach
Gargathy Creek
Gargathy Inlet
Horse Landing
Kegotank Bay

Kegotank Creek
Lucas Creek
Metomkin Beach
Metomkin Island
Northam Creek
Northam Landing
Northam Narrows
Rogue Cove
Roman Rock
Savage ~~Landing~~ Landing
Shipping Creek
South Point
Trout Creek
Wire Passage

Approved:

A. J. Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

The Director

October 11, 1962

ATTN. : (C) 83

Tampa District Office

Aids to Navigation

The following nonfloating aids to navigation established in 1961 and reported on form 567, dated May 29 and July 2, 1961, for map T-11671, were verified during field edit of June 1962 as being in same position as when originally located.

Chincoteague Inlet to Metemkin Bay Daybeacon	29A
"	30
"	30A
"	Light 31
"	Daybeacon 33
"	34
"	Light 37
"	Daybeacon 39
"	40
"	42
"	43
"	43A
"	44

V. Ralph Sobieralski
Tampa District Officer

William A. Resure
By direction of the District Officer

MS/o

ADDENDUM TO COMPILATION REPORT T-11671

Positions of aids to navigation were verified by the field editor in June 1962, therefore the year "1962" has been shown instead of 1961 as the date of location.

T-11671

49. NOTES FOR THE HYDROGRAPHER

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

MUST 1961
DINE 1961
WILD 1961

These stations were established in 1961 and there is the possibility that they may have been destroyed by the storm of March 1962.

Note: Field edit of June 1962 revealed these stations to be destroyed by the March 1962 storm. No new stations were established.

PHOTOGRAMMETRIC OFFICE REVIEW

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

T. 11671

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 WHS		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) XX		
	7. PHOTO HYDRO STATIONS XX	8. BENCH MARKS XX	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC PLOT REPORT MMS	
	11. DETAIL POINTS WHS				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE WHS	13. LOW-WATER LINE WHS	14. ROCKS, SHOALS, ETC. WHS	15. BRIDGES XX	
	16. AIDS TO NAVIGATION WHS	17. LANDMARKS XX	18. OTHER ALONGSHORE PHYSICAL FEATURES WHS		
	19. OTHER ALONGSHORE CULTURAL FEATURES WHS				
PHYSICAL FEATURES	20. WATER FEATURES WHS		21. NATURAL GROUND COVER WHS		
	22. PLANETABLE CONTOURS XX		23. STEREOSCOPIC INSTRUMENT CONTOURS XX		
	24. CONTOURS IN GENERAL XX		25. SPOT ELEVATIONS XX		
	26. OTHER PHYSICAL FEATURES WHS				
CULTURAL FEATURES	27. ROADS WHS	28. BUILDINGS WHS	29. RAILROADS XX		
	30. OTHER CULTURAL FEATURES WHS				
BOUNDARIES	31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX		
MISCEL- LANEOUS	33. GEOGRAPHIC NAMES WHS			34. JUNCTIONS WHS	
	35. LEGIBILITY OF THE MANUSCRIPT WHS		36. DISCREPANCY OVERLAY XX		37. DESCRIPTIVE REPORT WHS
	38. FIELD INSPECTION PHOTOGRAPHS WHS		39. FORMS WHS		
	SIGNATURE OF REVIEWER William H. Shearouse		SIGNATURE OF SUPERVISOR REVIEW SECTION OR UNIT Milton M. Slavney		
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 R. Dossett		SIGNATURE OF SUPERVISOR Milton M. Slavney			

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 25383-P61

FIELD EDIT REPORT
T-11671

Field edit was accomplished in June 1962. No report was submitted.

Tampa

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

STRIKE OUT ONE

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Accomac, Virginia

18 Oct. 1961

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

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

Virginia

See OK-604/62

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				DATE OF LOCATION	METHOD OF LOCATION AND SURVEY NO.	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE		LONGITUDE							
			°	'	°	'						
Virginia	See 61-604/62											
Assawaman Creek Cutoff Channel Light 2			37	50.2	75	30.1	10/10/61	NA Rad. Plot 11666				1221
Assawaman Creek Cutoff Channel Light 4			37	50.2	75	30.4	"	"	"	"	"	"
Assawaman Creek Cutoff Channel Light 6			37	50.3	75	30.8	"	"	"	"	"	"
Assawaman Creek Cutoff Channel Light 9 *			37	50.2	75	31.3	"	"	"	"	"	"
Chincoteague Inlet to Metomkin Bay Daybeacon 21			37	50.2	75	30.5	"	"	"	"	"	"
Chincoteague Inlet to Metomkin Bay Daybeacon 22			37	50.0	75	30.6	"	"	"	"	"	"
Chincoteague Inlet to Metomkin Bay Daybeacon 24			37	49.8	75	30.6	"	"	"	"	"	"
Chincoteague Inlet to Metomkin Bay Daybeacon 25			37	49.7	75	30.7	"	"	"	"	"	"
Chincoteague Inlet to Metomkin Bay Daybeacon 27			37	49.6	75	30.8	"	"	"	"	"	"
Chincoteague Inlet to Metomkin Bay Daybeacon 28			37	49.5	75	31.0	"	"	"	"	"	"
Chincoteague Inlet to Metomkin Bay Daybeacon 29			37	49.3	75	31.3	"	"	"	"	"	"
Chincoteague Inlet to Metomkin Bay Daybeacon 29A			37	48.3	75	31.8	"	Rad. Plot 11671	"	"	"	"
Chincoteague Inlet to Metomkin Bay Daybeacon 30			37	48.2	75	32.0	"	"	"	"	"	"
* This daybeacon has been renumbered 9. Former number was 7.												19

* This daybeacon has been renumbered 9. Former number was 7.

Nautical Chart Branch

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

6 of 7

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

TAMPA DISTRICT OFFICE

29 May

1962

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

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

M. M. Slavney

J. Ralph Sobieralski

V. Ralph Sobieralski

Chief of Party

STATE	VIRGINIA	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	°	'						
			VIRGINIA INSIDE PASSAGE												
			CHINCOTEAGUE, INLET TO METOMKIN BAY												
		DAYBN 28	"		37	49	29.42	75 30	N.A.	1927	T-11666	10/10/61	X		1221 - Moved
		DAYBN 29	"		37	49	22.71	75 31	"	"	"	"	X		" - No Corr
		DAYBN 29A	"		37	48	13.53	75 31	"	"	Rad. Plot	4/28/62	X		" - Moved
		DAYBN 30	"		37	48	8.01	75 31	"	"	"	"	X		" - No Corr
		DAYBN 30A	"		37	48	24.8	75 31	"	"	"	"	X		" - No Corr
		LIGHT 31	"		37	47	55.63	75 31	"	"	"	"	X		" - Moved
		DAYBN 33	"		37	47	11.78	75 31	"	"	"	"	X		" - Moved
		DAYBN 34*	"		37	47	24.68	75 31	"	"	"	"	X		"
		LIGHT 37	"		37	47	23.35	75 31	"	"	"	"	X		" - Moved
		DAYBN 39	"		37	46	54.91	75 31	"	"	"	10/10/61	X		" - OK
		DAYBN 40	"		37	46	43.79	75 32	"	"	"	"	X		" - No Corr
		DAYBN 42	"		37	46	22.28	75 32	"	"	"	"	X		" - Moved

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.

* Called "Daybeacon 35" on Field form 567, but cuts from Sub Pts & its position indicate "34"

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

STRIKE OUT TWO

**TO BE/CHANGED
TO BE REVISED
TO BE DELETED**

I recommend that the following objects which have ~~(4444/444)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(44444/4444)~~ the charts indicated.

(The positions given have been checked after listing by

R. Dossett

for William A. Rasmussen
V. Ralph Sobleralski Chief of

Tampa District Office July 2

July 2 1962

STATE

**SIGNAL
NAME****DESCRIPTION****SIGNAL
NAME**

LONG

LONG

LONG

LONG

LONG

LONG

LONG

LONG

LONG

VIRGINIA INSIDE PASSAGE
CHINCOTEAGUE INLET TO
METOMKIN BAY

CHINCOTEAGUE INLET TO

METOMKIN BAY

L-604/62.

DA YBN L3A #

Formerly listed on Form 567 submitted under date of May 29, 1962 as "JUNCTION DAYBN WIRE PASSAGE". Change in designation, no change in position.

Day of month not available.

Chart 1220 - opp 7-11-62 R EE

Charles 1109
1220

12-1-62	687
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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

USCOMM-DC 10334-P01

NONFLOATING AIDS TO NAVIGATION FOR CHARTS

STRIKE OUT ONE

TO BE CHARTED
TO BE DELETED

Accomac, Virginia

18 October 1961

19

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

The positions given have been checked after listing by

Virginia

For Joseph K. Wilson

William M. Reynolds

Chief of Part

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHAR. AFFECT	
				LATITUDE		LONGITUDE								DATUM
				°	'	°	'							
Virginia		See CL-604/62		37 48.1	75 31.9	NA 1927	Rad. Plot 11671	10/10/61	X			122		
		Chincoteague Inlet to Metomkin Bay Daybeacon 30A		37 48.0	75 31.9	"	"	"	"			"		
		Chincoteague Inlet to Metomkin Bay Light 31		37 47.7	75 31.8	"	"	"	"			"		
		Chincoteague Bay to Metomkin Inlet Daybeacon 33		37 47.5	75 31.8	"	"	"	"			"		
		Chincoteague Inlet to Metomkin Bay Daybeacon 35		37 47.3	75 31.7	"	"	"	"			"		
		Chincoteague Inlet to Metomkin Bay Light 37		37 46.9	75 31.9	"	"	"	"			"		
		Chincoteague Inlet to Metomkin Bay Daybeacon 39		37 46.8	75 32.1	"	"	"	"			"		
		Chincoteague Inlet to Metomkin Bay Daybeacon 40		37 46.5	75 32.4	"	"	"	"			"		
		Chincoteague Inlet to Metomkin Bay Daybeacon 42		37 45.9	75 32.7	"	"	"	"			"		
		Chincoteague Inlet to Metomkin Bay, Wire Passage Junction Daybeacon *		37 45.7	75 32.9	"	"	"	"			"		
		Chincoteague Inlet to Metomkin Bay Daybeacon 43		37 45.5	75 33.2	"	"	"	"			"		
		Chincoteague Inlet to Metomkin Bay Daybeacon 44												
		* This daybeacon is not charted or listed but is in place this date.												
		Chart 1211												

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloat* aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not individual field survey sheets. Information under each column heading should be given.

REVIEW REPORT T-11671

SHORELINE

October 15, 1973

61. GENERAL STATEMENT

See Summary on page 6 of this Descriptive Report.

An ozalid comparison print, showing differences noted in Par. 62 and 65, is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

A comparison was made with Survey T-8167, scale 1:20,000, dated 1943. Significant differences were shown on the comparison print in blue. The hurricane of March, 1962, caused radical changes in the ocean shoreline.

In the area compared, T-11671 supersedes previous topographic surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with AMS SHEET 5859 I SE, MAPPSVILLE, VA, scale 1:15,000, 1948 printing. This map is a copy of C&GS Map T-8167; therefore, differences are the same as noted in Par. 62 above, and are indicated on the comparison print by the same color and line.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

No contemporary hydrographic surveys were available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS

A visual comparison was made with Chart 1221, 1:80,000, scale 16th edition, dated Sept. 11, 1971. Significant difference were shown in red on the comparison print.

The names and locations of fixed aids to navigation on T-11671 are mapped as they were in 1962. Since that time, the names and numbers and some of the locations have been changed and two aids have been added. Therefore, aids on T-11671 do not agree with aids charted on Chart 1221, 16th edition.

The name Gargathy Inlet is charted at the next inlet north of the one indicated on T-11671. The location on T-11671 has been verified by the Chief Geographer.

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 substandard.

Reviewed by:

Charles H. Bishop

Charles H. Bishop
Cartographer

Approved for forwarding:

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

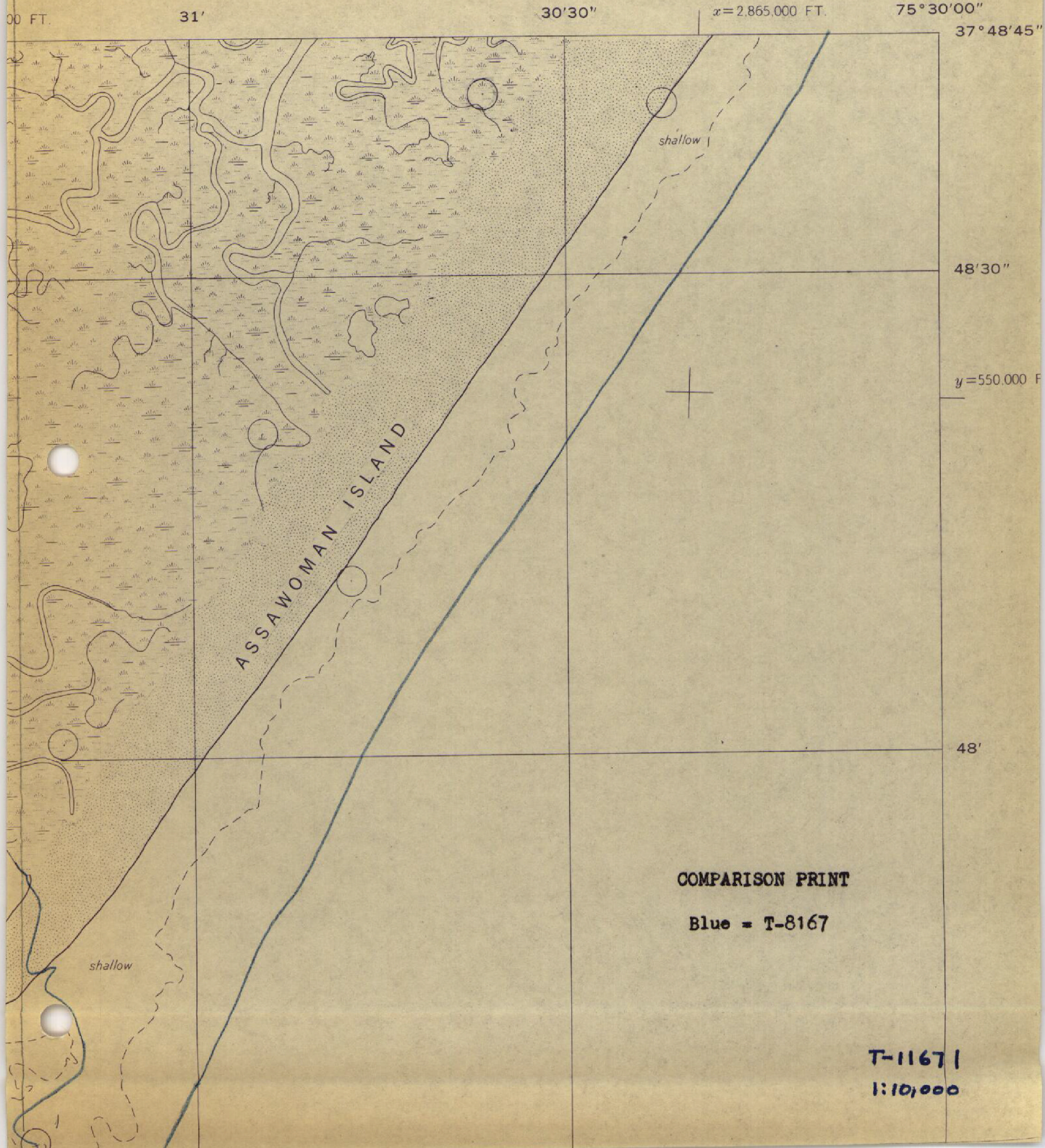
Approved:

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

Approved:

W. H. W. W. W.
Chief, Photogrammetric Branch

John T. T. T.
Chief, Coastal Mapping Division



27

Blue - T-8167

Floods at extreme HW

DENNIS 1909

62-W-3836

62-W-3858

75°47'

$$y = 540,000 \text{ FT.}$$

The map shows a river network with several branches. A large area on the left is labeled 'Pond'. A smaller area in the center is labeled 'Earth dam'. A small area at the bottom left is labeled 'Bkhd'. The map includes a scale bar at the bottom right.

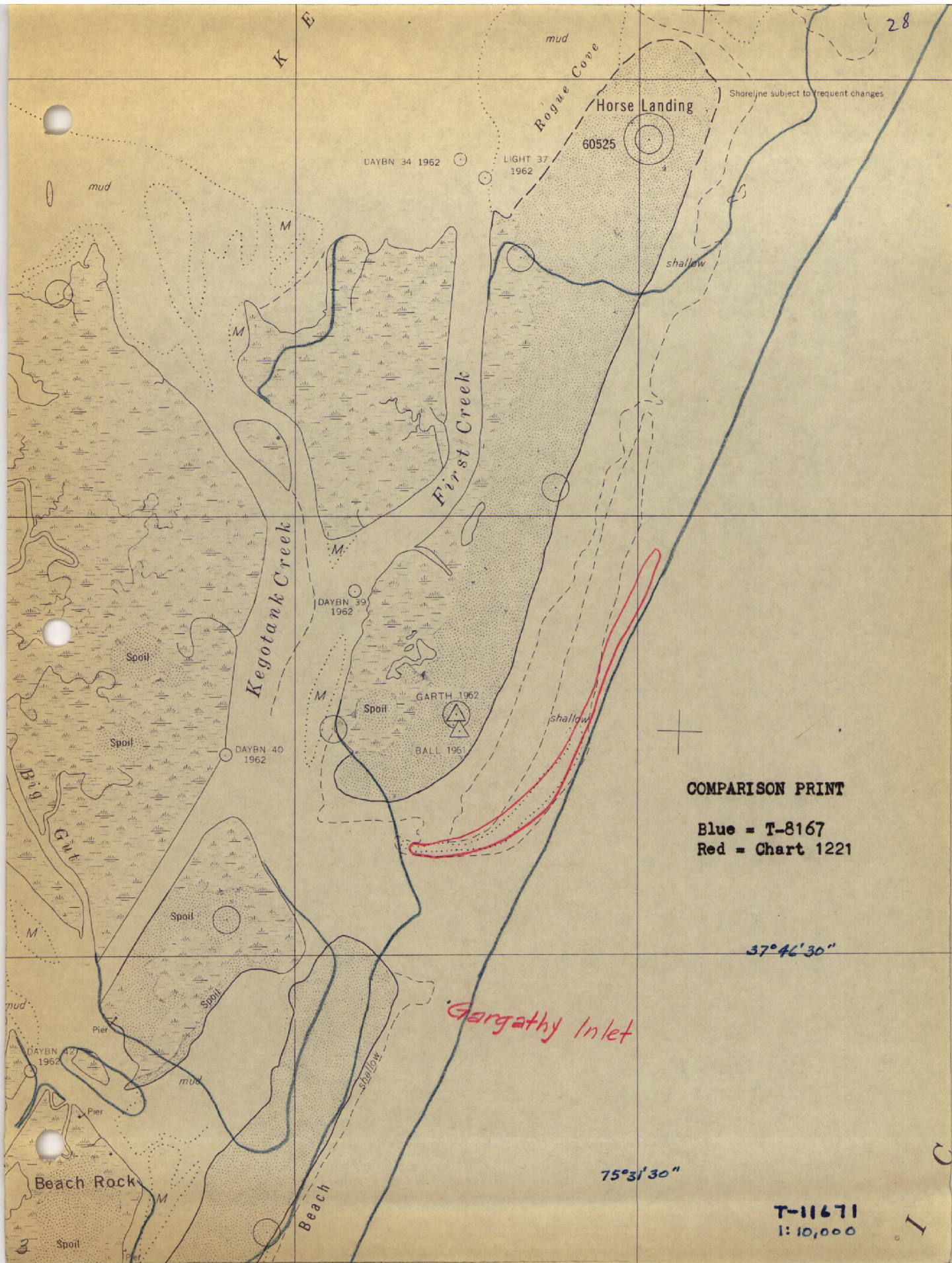
Piers
Garage
Savage Landing

46'30"

SUTTON
1949

62-W-3835

T-11671
1:10,000



COMPARISON PRINT

Blue = T-8167

Red = Chart 1221

37°46'30"

75°31'30"

T-11671
1:10,000

46'
y=535,000 FT.

GARGATHY BAY

45'30"

y=530,000 FT.

37°45'00"

75°33'45"

33'30"

x=2,850,000 FT.

62-W-3859

29

DAYBN 43 1962

DAYBN 44 1962

62-W-3860

Wire

CHINGOTEAU INLET TO
METOMKIN BAY

Slipping Creek

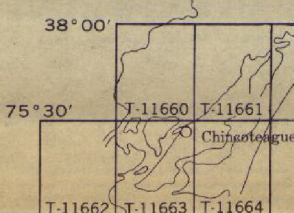
Trout Creek

Passage

mud

mud

INDEX TO ADJOINING SHEETS
PROJECT-5907



COMPARISON PRINT

Blue = T-8167

T-11671
1:10,000

30

46'00"

45'30"

NOTE:

"The photogrammetric location and delineation of features offshore from the mean high-water line on this survey may not be complete or final. The contemporary reviewed hydrographic survey of the area where available, should be consulted for the final delineation."

COMPARISON PRINT

Blue = T-8167

37°45'00"


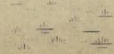


x=2,855,000 FT. 32'30"

75°32'

x=2,860,000 FT. 31'30"

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

LEGEND

-  Woodland
-  Marsh
-  Sand
-  Grass in water

T-11671
1:10,000