

12084

12084

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-12084
LOCALITY	
State	Maryland
General locality	Worcester County
Locality	Sinepuxent Bay
1961-1962 62	
CHIEF OF PARTY	
W. M. Reynolds, Chief of Field Party	
Miller J. Tonkel, Baltimore District Office	
LIBRARY & ARCHIVES	
DATE	

DESCRIPTIVE REPORT - DATA RECORD

T - 12084

PROJECT NO. (II): PH-6103 (21039)		
FIELD OFFICE (II): Snow Hill, Maryland		CHIEF OF PARTY William M. Reynolds
PHOTOGRAMMETRIC OFFICE (III): Baltimore, Maryland		OFFICER-IN-CHARGE Miller J. Tonkel
INSTRUCTIONS DATED (II) (III): II November 20, 1961 III October 24, 1962 July 26, 1963 - Amendment I		
METHOD OF COMPILATION (III): Kelsh Plotter		
MANUSCRIPT SCALE (III): 1:10,000		STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1:6,000 pantographed to 1:10,000
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): GREEN 2, 1959		
LAT.: 38° 13' 07.9999"	LONG.: 75° 08' 53.7085"	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED
PLANE COORDINATES (IV): y = 145,806.29 ft. x = 1,332,001.35 ft.		STATE Maryland
ZONE		
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): William M. Reynolds		DATE: May-July 1962
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): 1961 and 1962 photography with field inspection.		
PROJECTION AND GRIDS RULED BY (IV): A. R. Roundtree		DATE 8/28/62
PROJECTION AND GRIDS CHECKED BY (IV): I. Y. Fitzgerald		DATE 9/10/62
CONTROL PLOTTED BY (III): Leroy A. Senasack		DATE 11/30/62
CONTROL CHECKED BY (III): E. L. Rolle		DATE 11/30/62
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): H. P. Eichert, Washington Office		DATE 10/31/62
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY L. O. Neterer	DATE 5/21/63
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): B. Wilson J. P. McEvoy		DATE 6/1/63 6/5/63
SCRIBING BY (III): J. Cregan		DATE 3/20/64
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): E. L. Rolle		DATE 3/20/64
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

S and W camera

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
61-S-9292	May 25, 1961	0856	1:30,000	0.2 ft. above MLW
62-S-3164 thru 3169	March 24, 1962	1008	1:15,000	2.7 ft. above MLW
62-W-3818 thru 3823	April 28, 1962	1002	1:15,000	0.9 ft. above MLW

TIDE (III)

		RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Sandy Hook, N. J.			4.6	5.6
SUBORDINATE STATION: North Beach Coast Guard Station, Maryland			3.4	4.1
SUBORDINATE STATION:				
WASHINGTON OFFICE REVIEW BY (IV): <i>Lee F. Beugnot, Atlantic Marine Center</i>		DATE: November 1966		
PROOF EDIT BY (IV):		DATE:		
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 10	RECOVERED: 5	IDENTIFIED: 1		
NUMBER OF BM(S) SEARCHED FOR (II): 0	RECOVERED: 0	IDENTIFIED: 0		
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):		1		
NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):		0		

REMARKS:

REMARKS

[illegible]

CHINCOTEAGUE BAY

PROJECT PH 6103

ANIMETRIC MAPPING

SCALE, 1:10,000

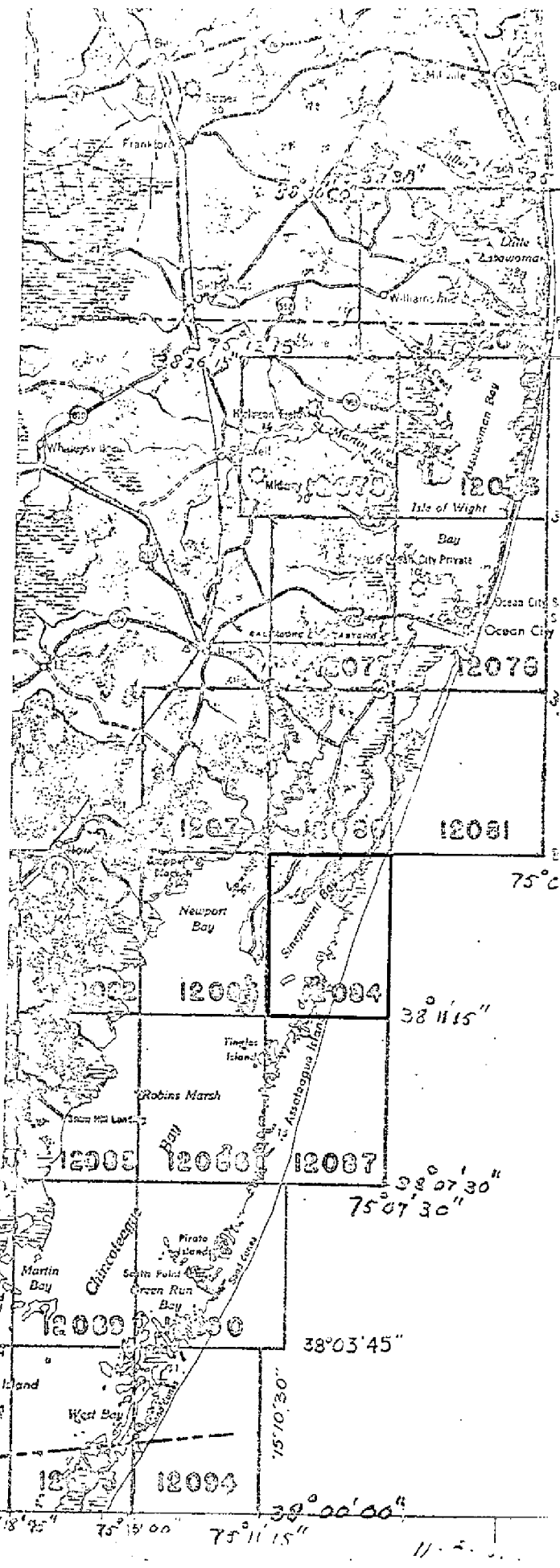
OFFICIAL MILEAGE

SHEET NO.	AREA SQ. MI.	LINEAR MI. SHORELINE
12074	16	30
12075	16	13
12076	4	32
12077	14	14
12078	5	20
12079	14	9
12080	14	28
12081	2	10
12082	14	3
12083	2	12
12084	3	16
12085	8	8
12086	3 ³	4
12087	3	10
12088	9	14
12089	2	12
12090	4	14
12091	14	5
12092	3	14
12093	3	12
12094	3	12

TOTAL

153.3

292



6

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-12084

Shoreline map T-12084 is one of twenty-one similar maps in project PH-6103. It covers a part of Sinepuxent Bay and Assateague Island in Worcester County, Maryland. The primary purpose of the project was to provide shoreline for the Bureau's Nautical Chart Program and special charts for the State of Maryland, Department of Tidewater Fisheries.

Field operations preceding compilation included recovery and identification of horizontal control, field and shoreline inspection, location of fixed aids to navigation and selection of landmarks for charts.

The compilation was at 1:10,000 scale using 1:15,000 and 1:30,000 scale panchromatic photography and passpoints established by aerotriangulation.

The manuscript is a vinylite sheet 3 3/4 minutes in latitude by 3 3/4 minutes in longitude which was scribed and reproduced on cronaflex. One cronar positive and one cronar negative are provided for record and registry.

FIELD INSPECTION REPORT
MAP T-12084
PROJECT PH-6103

Please refer to Field Inspection Report submitted with map T-12080 for all information pertaining to this map.

Submitted,

William M. Reynolds
William M. Reynolds
Sub-Unit Photo Party 720

Field inspection notes pertaining to this survey appear on the following photographs:

61-S-9055
61-S-9292 and 9293
61-S-9078A
61-W-6326 thru 6331
61-W-6267 and 6268
62-S-3167

SCALE FACTOR

[illegible]

DATE 4/15/63

COMM-DC-57843

PHOTOGRAMMETRIC PLOT REPORT
T-12084

Please refer to the Photogrammetric Plot Report, dated October 31, 1962, bound with the Descriptive Report for T-12080 for data pertaining to this map.

COMPILATION REPORT
T-12084

Please refer to the compilation report bound with the Descriptive Report for T-12082 which covers the compilation of surveys T-12082, T-12083 and T-12084.

48. GEOGRAPHIC NAMES

The following names, which appear on this map, were provided by the Washington Office on a copy of AMS TINGLES ISLAND, MARYLAND quadrangle.

ASSATEAGUE ISLAND

LITTLE EGGING BEACH

ATLANTIC OCEAN

LOWER SINEPUXENT NECK

CHINCOTEAGUE BAY

LUMBER MARSH ISLAND

GIBBS POND

RUM POINT

GOOSE POINT

SALT POINT

GREAT EGGING BEACH

SANDY POINT

GREEN POINT

SANDY POINT ISLAND

GREEN POINT CREEK

SINEPUXENT BAY

49. NOTES FOR THE HYDROGRAPHER

There were no contemporary hydrographic surveys scheduled in the area of this manuscript at the time of completion of the map.

PHOTOGRAMMETRIC OFFICE REVIEW

T-10363 12084

1. PROJECTION AND GRIDS ELR		2. TITLE ELR		3. MANUSCRIPT NUMBERS ELR		4. MANUSCRIPT SIZE ELR	
CONTROL STATIONS							
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY ELR				6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) ELR		7. PHOTO HYDRO STATIONS None	
8. BENCH MARKS None		9. PLOTTING OF SEXTANT FIXES None		10. PHOTOGRAMMETRIC PLOT REPORT ELR		11. DETAIL POINTS ELR	
ALONGSHORE AREAS (Nautical Chart Data)							
12. SHORELINE ELR		13. LOW-WATER LINE ELR		14. ROCKS, SHOALS, ETC. ELR		15. BRIDGES ELR	
16. AIDS TO NAVIGATION ELR		17. LANDMARKS None		18. OTHER ALONGSHORE PHYSICAL FEATURES ELR		19. OTHER ALONGSHORE CULTURAL FEATURES ELR	
PHYSICAL FEATURES							
20. WATER FEATURES ELR				21. NATURAL GROUND COVER ELR		22. PLANETABLE CONTOURS None	
23. STEREOSCOPIC INSTRUMENT CONTOURS None		24. CONTOURS IN GENERAL None		25. SPOT ELEVATIONS None		26. OTHER PHYSICAL FEATURES ELR	
CULTURAL FEATURES							
27. ROADS ELR		28. BUILDINGS ELR		29. RAILROADS None		30. OTHER CULTURAL FEATURES ELR	
BOUNDARIES							
31. BOUNDARY LINES None				32. PUBLIC LAND LINES None			
MISCELLANEOUS							
33. GEOGRAPHIC NAMES ELR				34. JUNCTIONS ELR		35. LEGIBILITY OF THE MANUSCRIPT ELR	
36. DISCREPANCY OVERLAY ELR		37. DESCRIPTIVE REPORT ELR		38. FIELD INSPECTION PHOTOGRAPHS ELR		39. FORMS ELR	
40. REVIEWER For: ELR Joseph Steinberg				SUPERVISOR, REVIEW SECTION OR UNIT Joseph Steinberg			
41. REMARKS (See attached sheet)							
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT							
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.							
COMPILER				SUPERVISOR			
43. REMARKS Manuscript was not field edited.							

FIELD EDIT REPORT
T-12084

The maps in this project were not field edited.

14

REVIEW REPORT
SHORELINE
November 22, 1966

61. GENERAL STATEMENT

See Summary accompanying Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Comparison was made with Registered Survey T-8128, 1:20,000 scale made in 1941-1942. The shoreline along the outer coast of Assateague Island has eroded about 50 meters and there are some changes along the shoreline of Sinepuxent Bay. Two power lines now cross the bay and some of the spoil area shown on the old survey have washed away. Comparison of the two surveys has been indicated on the comparison print. * See below

Map T-12084 supersedes the older survey for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with a copy of AMS TINGLES ISLAND, MARYLAND quadrangle. This is the AMS edition of Registered Survey T-8128 and the differences noted in paragraph 62 also apply to this map.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

There are no contemporary hydrographic surveys within the limits of this map.

65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with nautical chart 1220, 1:80,000 scale, 13th edition October 17, 1966.

A new bridge from Sandy Point to Assateague Island, shown on the chart, was constructed after compilation of the manuscript was completed.

The submerged piling shown on the southside of the transmission line from Island Point to Assateague Island are not visible on any of the photography of the area.

* Comparison Print discarded - of no permanent value.
JTB

Field data was insufficient for complete delineation of the submerged cable that crosses Sinepuxent Bay near latitude 38° 14.3'.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This survey complies with instructions and meets the National Standards of Map Accuracy.

Reviewed by:

Leo F. Beugnet
Leo F. Beugnet

Approved by:

J. Bull
J. Bull
Director, Atlantic Marine Center

Approved by:

Charles H. Hemen
Chief, Photogrammetric Branch

Jack E. Luth
Chief, Photogrammetry Division

Chief, Marine Chart Division

STRIKE OUT TWO

NONFLOATING AIDS OR FLOW MARKS FOR CHARTS

Norfolk, Virginia

November 22, 1966

I recommend that the following objects which have ~~(examined)~~ 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

Leo F. Beugnet

Joseph Steinberg

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-35, 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 16234-P61

NOTES TO THE VERIFIER
T-12084

There are no contemporary hydrographic surveys within the area of this map.

Comparison of this map with nautical chart 1220 and Registered Survey T-8128 have been shown on the comparison print.
Comparison Print discarded - of no permanent value.

The following photographs were examined during final review:

61-S-9292

62-S-3164 thru 3169

62-W-3818 thru 3823