

12082

12082

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-12082
LOCALITY	
State	Maryland
General locality	Worcester County
Locality	Windmill Cove
19 61-1963 62	
CHIEF OF PARTY	
Ray M. Sundean - Chief of Field Party	
Miller J. Tonkel - Baltimore District Office	
LIBRARY & ARCHIVES	
DATE	

DESCRIPTIVE REPORT - DATA RECORD

T - 12082

PROJECT NO. (II):

PH-6103 (21039)

FIELD OFFICE (II):

Snow Hill, Maryland

CHIEF OF PARTY

Ray M. Sundean

PHOTOGRAMMETRIC OFFICE (III):

Baltimore District Office

OFFICER-IN-CHARGE

Miller J. Tonkel

INSTRUCTIONS DATED (II) (III):

II 20 November 1961
III 24 October 1962
26 July 1963, Amendment I

METHOD OF COMPILATION (III):

Kelsh plotter

MANUSCRIPT SCALE (III):

1:10,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

1:6,000

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

~~XXXXXXXXXX~~ 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):

LAWRENCE, 1958

LAT.:

38° 13' 00.5186"

LONG.:

75° 15' 03.0608"

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

Y = 144,468.28 ft.

X = 1,302,543.51 ft.

Maryland

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): Robert S. Tibbetts		DATE: March 1962
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Mean high water line located by Kelsh Plotter using field inspection notes.		
PROJECTION AND GRIDS RULED BY (IV): A. E. Roundtree		DATE 8/30/62
PROJECTION AND GRIDS CHECKED BY (IV): I. Y. Fitzgerald		DATE 9/10/62
CONTROL PLOTTED BY (III): L. A. Senasack		DATE 4/3/63
CONTROL CHECKED BY (III): L. O. Neterer		DATE 4/3/63
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): H. P. Eichert, Washington Office		DATE 3/22/63
STEREOSCOPIC INSTRUMENT COMPILATION (III): J. D. McEvoy	PLANIMETRY J. D. McEvoy	DATE 4/24/63
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): C. A. Lipscomb		DATE 5/28/63
SCRIBING BY (III): J. Cregan		DATE 4/10/64
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): E. L. Rolle		DATE 4/10/64
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):

S camera

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
61-S-9058	24 May 1961	0832	1:30,000	0.4 ft. above MLW

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Sandy Hook, New Jersey		4.6	5.6
SUBORDINATE STATION: Ocean City, Maryland		3.4	4.1
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): Leo F. Beugnet-Atlantic Marine Center

DATE:
November 1966

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 1

RECOVERED:

IDENTIFIED:

1

1

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

RECOVERED:

IDENTIFIED

0

0

0

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

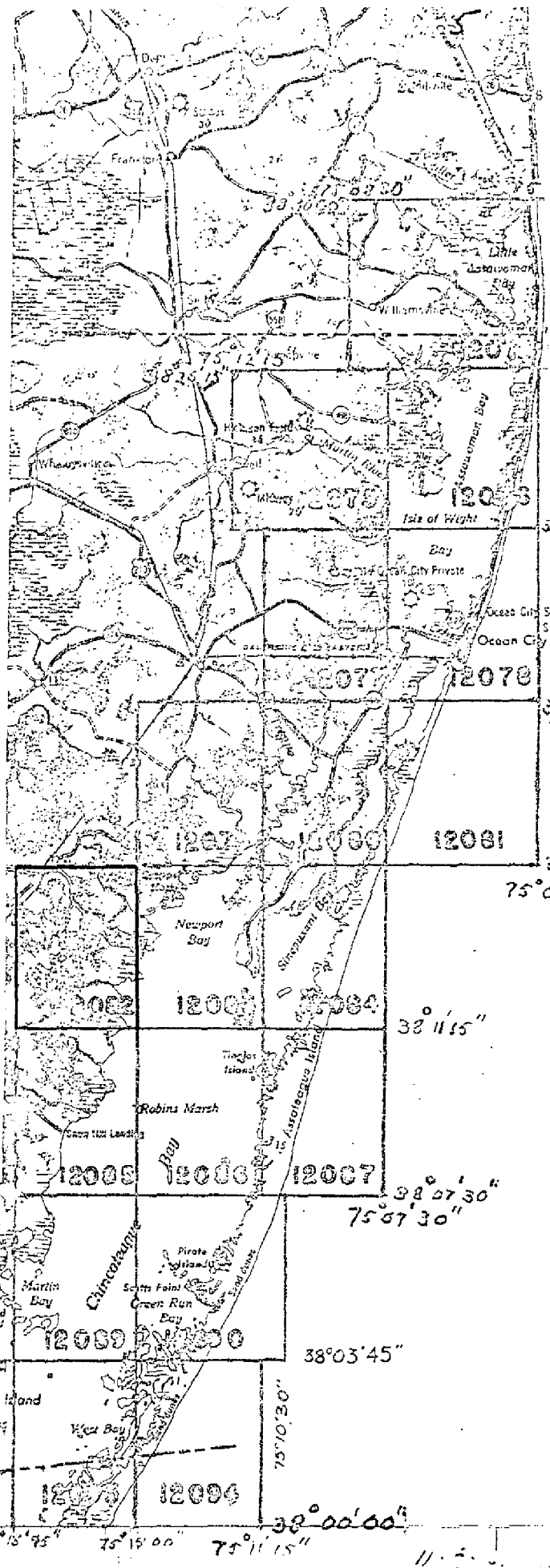
None

REMARKS:

REMARKS

[illegible]

SCALE, 1:10,000



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SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-12082

Shoreline map T-12082 is one of twenty-one similar maps in this project. It is located on the westerly side of Chincoteague Bay and covers the greater part of Windmill Cove.

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

The manuscript is a vinylite sheet $3\frac{3}{4}$ ' in latitude by $3\frac{3}{4}$ ' 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-12082

PROJECT PH-6103
CHINCOTEAGUE BAY, MARYLAND

For all data pertaining to this sheet please refer
to the Field Inspection Report for T-12079.

Respectfully submitted:

Robert S. Tibbetts
Robert S. Tibbetts
Surveying Technician

Approved for forwarding:

Ray M. Sundean
Ray M. Sundean
Chief of Party

Field inspection notes for this sheet appear on photographs:

61-S-9057 thru 9059

PHOTOGRAMMETRIC PLOT REPORT
T-12082

Please refer to the Photogrammetric Plot Report bound with
T-12074 for data pertaining to this survey.

COMPILATION REPORT
T-12082, T-12083 and T-12084

31. DELINEATION

The Kelsh plotter was used to delineate the manuscripts using field inspection notes provided by the field inspector. The field inspection was adequate and complete and no difficulties were encountered during compilation.

32. CONTROL

Control for setting the Kelsh models consisted of passpoints established by aerotriangulation. The density and placement of these points was adequate.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours - inapplicable

The drainage was delineated by the Kelsh operator in accordance with field inspection notes.

35. SHORELINE AND ALONGSHORE DETAIL

The shoreline inspection was adequate and delineation was done accordingly. All alongshore details, such as piers and wharves, indicated by the field inspector have been shown.

36. OFFSHORE DETAILS

No offshore detail requiring investigation by future surveys in the area of these manuscripts were noted during compilation.

37. LANDMARKS AND AIDS

All landmarks and fixed aids to navigation within the limits of these manuscripts have been located and reported on Form 567.

38. CONTROL FOR FUTURE SURVEYS

One topographic station identified by the field inspector in survey T-12083 was located during compilation.

39. JUNCTIONS

Satisfactory junctions were made with other surveys along their common neat limits for the three manuscripts covered by this report. There is no contemporary survey to the north and west of T-12082. The Atlantic Ocean is to the east of T-12084.

40. HORIZONTAL ACCURACY

No accuracy test were conducted.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with AMS WESLEY and TINGLES ISLAND, MARYLAND quadrangles, 1:25,000 scale, edition of 1950. The comparison is generally favorable except for the normally expected erosion along the outer coast.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with nautical chart 1220, 1:80,000 scale. The chart and manuscripts are in good general agreement.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted

Joseph Steinberg
For: E. L. Rolle
Cartographer (Photo)

Approved and Forwarded:

J. Bull
J. Bull

Director, Atlantic Marine Center

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48. GEOGRAPHIC NAMES LIST

The geographic names for this survey were furnished by the Washington Office on a copy of AMS WESLEY, MARYLAND quadrangle.

CROPPER NECK

HARMON LANDING

KELLY POINT

MARSHALL CREEK

MASSEY CREEK

SCHOOLHOUSE BRANCH

ST LAWRENCE NECK

WATERWORKS CREEK

WINDMILL COVE.

WINDMILL POINT

49. NOTES TO THE HYDROGRAPHER

No contemporary hydrographic surveys are scheduled in the area of this map.

There are no notes to the hydrographer.

PHOTOGRAMMETRIC OFFICE REVIEW

T-10363 12082

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) None		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 None	
16. AIDS TO NAVIGATION None		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 Joseph Steinberg E. L. Rolfe				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							

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FIELD EDIT REPORT
T-12082

This survey was not field edited.

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REVIEW REPORT T-12082
SHORELINE
November 10, 1966

61. GENERAL STATEMENT

See Summary accompanying Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Comparison was made with registered survey T-8129, WESLEY, MD. quadrangle at 1:20,000 scale. The shoreline of the two surveys are not in good agreement. The difference appears to be caused by the difference in interpretation of the photography rather than a shift in datum as interior detail of the two surveys, such as road junctions, are in good agreement.

Map T-12082 supersedes the older survey and should be used for future nautical chart construction in this area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with AMS WESLEY, MARYLAND quadrangle, 1:25,000 scale. This is the AMS edition of Registered Survey T-8129 and the same difference that exist with T-8129 also exist with this map.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

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

65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with nautical chart 1220, 1:80,000 scale, 12th edition November 1, 1965. The chart and this survey are in good general agreement.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

There are no recommendations for future surveys in the area.

Reviewed by:

Leo F. Beugnet
Leo F. Beugnet

Approved by:

J. Bull
J. Bull
Director, Atlantic Marine Center

Approved:

Charles L. Hume
Chief, Photogrammetric Branch ₀₈₆

Jack E. Luth
Chief, Photogrammetry Division

Chief, Marine Chart Division

NOTES TO THE VERIFIER

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

The following photographs were examined during final review:

61-S-9057 thru 9059