

12075

12075

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-12075
LOCALITY	
State	Maryland
General locality	Bishopville
Locality	St. Martin River
19 61-62 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- 12075

PROJECT NO. (II): PH-6103 (21039)		
FIELD OFFICE (II): Snow Hill, Maryland		CHIEF OF PARTY W. M. Reynolds
PHOTOGRAMMETRIC OFFICE (III): Baltimore District Office		OFFICER-IN-CHARGE William 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
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): PINE, 1934		
LAT.: 38° 24' 38.460"	LONG.: 75° 06' 43.730"	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED
PLANE COORDINATES (IV): y = 215,849.66 FT. x = 1,340,929.06 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.		

FORM C&GS-181b
(3-66)U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (III): W. M. Reynolds M. A. Stewart		DATE: July - August 1962
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Kelsh Plotter using 1961 and 1962 photography with Field Inspection.		
PROJECTION AND GRIDS RULED BY (IV): A. R. Roundtree		DATE 9/4/62
PROJECTION AND GRIDS CHECKED BY (IV): I. Y. Fitzgerald		DATE 9/10/62
CONTROL PLOTTED BY (III): Leroy A. Senasack		DATE 4/17/63
CONTROL CHECKED BY (III): R. F. Carr		DATE 4/17/63
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): H. P. Eichert - Washington Office		DATE 3/22/63
STEREOSCOPIC INSTRUMENT COMPILATION (III): L. O. Neterer	PLANIMETRY L. O. Neterer	DATE 6/6/63
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): J. Councill		DATE 6/18/63
SCRIBING BY (III): J. Cregan		DATE 3/13/64
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): E. L. Rolle		DATE 3/14/64
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

"S" Camera

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
61-S-909 ⁴ thru 9096	24 May 1961	0902	1:30,000	0.4 ft. above MLW
61-S-904 ⁹ thru 9051	24 May 1961	0828	1:30,000	^{0.4} 1.5 ft. above MLW

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Sandy Hook, N. J.		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:
Sept. 1966

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 0

RECOVERED:
0

IDENTIFIED:
0

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:

*1 old station recovered and identified.

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T-12075

COMPILATION RECORD

COMPLETION DATE

REMARKS

Data submitted for the Dept. of Tidewater Fisheries	6/25/63	
Compilation completed	June 1963	

Note: Map was not field edited

CHINCOTEAGUE BAY

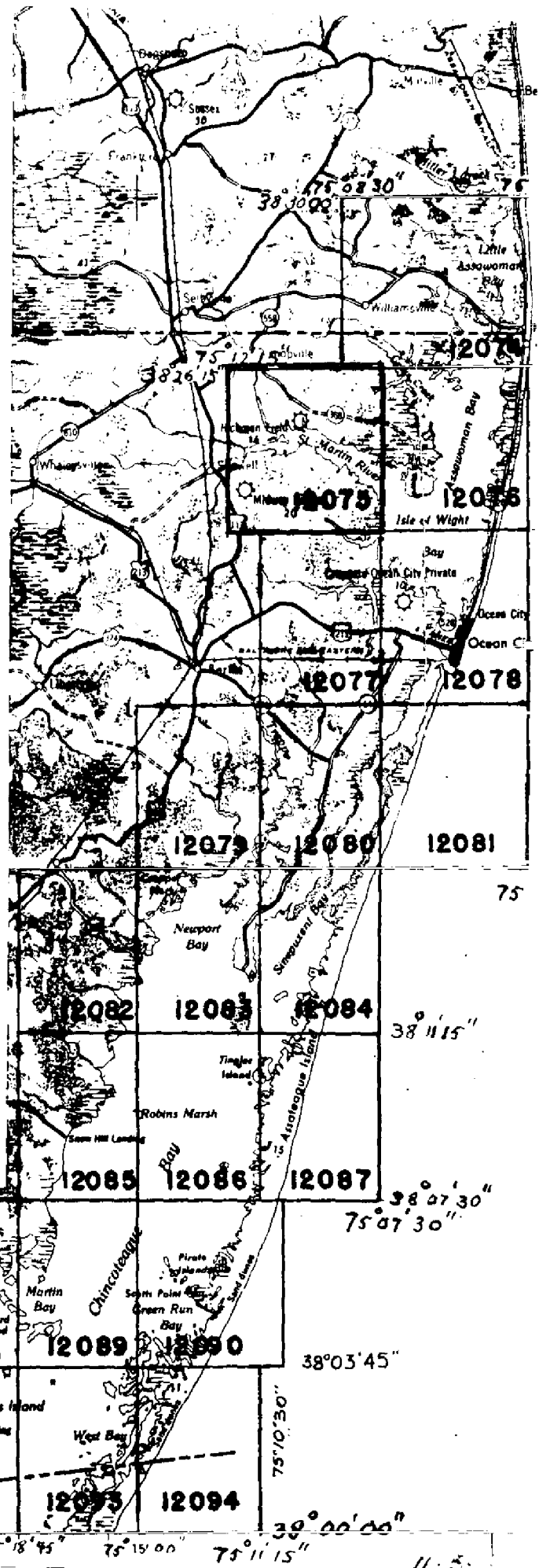
PROJECT PH 6103

PLANIMETRIC 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	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



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-12075

Shoreline manuscript T-12075 is one of twenty-one similar sheets in this project. It covers a part of St. Martin River, Bishopville Prong and Shingle Landing Prong.

This was a Kelsh project to provide base maps in support of the Bureau's Nautical Charting Program and for the compilation of special charts for the State of Maryland.

The field operations preceding compilation included recovery and identification of horizontal control, field inspection, shoreline inspection, and the identification of landmarks and aids to navigation.

Kelsh compilation was at 1:10,000 scale using the 1:30,000 scale panchromatic photography obtained in August 1961. The manuscript is a vinylite sheet $3 \frac{3}{4}$ minutes in latitude by $4 \frac{3}{4}$ 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-12075
PROJECT PH-6103

Please refer to Field Inspection Report submitted with
Map T-12074 for all information pertaining to this map.

Submitted,

William M. Reynolds
William M. Reynolds
Chief, Sub-unit Photo.
Party 720

Field inspection notes for this map appear on the following photographs:

61-S-9049
9050
9094
9095
9096

PHOTOGRAMMETRIC PLOT REPORT
T-12075

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

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COMPILATION REPORT
T-12075

31. DELINEATION

The Kelsh Plotter was used to delineate the manuscript. The field inspection provided by the field party was adequate and complete.

32. CONTROL

Horizontal control for the map consisted of pass points established by aerotriangulation. The density and placement of these points was adequate for compilation by Kelsh methods.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Inapplicable.

35. SHORELINE AND ALONGSHORE FEATURES

Shoreline inspection provided by the field party was adequate and delineation was done accordingly. All piers, boathouses, alongshore features etc. have been shown.

36. OFFSHORE DETAIL

No offshore detail requiring investigation by future survey parties in the area were noted during the course of compilation.

37. LANDMARKS AND AIDS

There are no landmarks or aids to navigation within the limits of this map.

38. CONTROL FOR FUTURE SURVEYS

One topographic station was recovered and identified by the field party. It was located during compilation. No other control for future

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surveys was established.

39. JUNCTIONS

Satisfactory junctions were made with T-12074, T-12076 and T-12077 along their common boundaries. There are no contemporary surveys to the north and west.

40. HORIZONTAL AND VERTICAL ACCURACY

No horizontal or vertical accuracy tests were made.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with USGS SHELBYVILLE, MD. - DEL. quadrangle 1:24,000 scale edition of 1943. The two maps are in good general agreement.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Nautical Chart 1220, 1:80,000 scale, 12th edition.

The chart and manuscript are in good general agreement.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

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

Approved and forwarded:

J. Bull
J. Bull, CAPT.
Director, Atlantic Marine Center

T-12075

48. GEOGRAPHIC NAMES LIST

BACK CREEK	PEACH POINT
BEAVERDAM BRANCH	PERKINS CREEK
BIRCH BRANCH	PINEY GUT
BISHOPVILLE PRONG	PINEY ISLAND
BUCK ISLAND CREEK	SALTGRASS POINT
BUCK ISLAND POND	SHINGLE LANDING
EAGLE ISLAND	SHINGLE LANDING PRONG
HARRY CREEK	SOUTH BRANCH
HASTY POINT	SPRING BRANCH
HAYSTACK POND	ST. MARTIN NECK
HEN AND CHICKENS ISLAND	ST. MARTIN RIVER
JENKINS NECK	THE POCKET
MANKLIN CREEK	WINDMILL CREEK
MARGOTS ISLAND	WOODS POINT
MIDDLE BRANCH	ZIPPY CREEK

49. NOTES FOR THE HYDROGRAPHER

There are no notes for the hydrographer.

PHOTOGRAMMETRIC OFFICE REVIEW

T-10363 12075

1. PROJECTION AND GRIDS E. L. Rolle		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 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 For: <i>Joseph Steinberg</i> E. L. Rolle				SUPERVISOR, REVIEW SECTION OR UNIT <i>Joseph Steinberg</i>			
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-12075

This map was not field edited.

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REVIEW REPORT T-12075
SHORELINE
September 13, 1966

61. GENERAL STATEMENT

See summary accompanying Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Comparison was made with Registered Survey T-8101, 1:20,000 scale. The differences between the MHWL of this survey and T-12075 have been shown on the comparison print. * See below

Map T-12075 supersedes T-8101 and should be used for future nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with USGS SELBYVILLE, MD-DEL. quadrangle, 1:24,000 scale, edition of 1943. The two surveys are in very good agreement. Some small, minor differences noted in the placement of the shoreline were probably caused by erosion, difference in scales and difference in photograph interpretation.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

There are no contemporary hydrographic surveys in this area.

65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with nautical chart 1220, 1:80,000 scale, 12th edition, November 1, 1965. The chart and manuscript are in good general agreement. Because of the difference in the scale of the two surveys only a visual comparison was made. It was noted that no piers, boathouses, etc. appear on the chart. This fact has been noted on the comparison print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

* Comparison Print discarded - of no permanent value.
DHB

Reviewed by:

Leo J. Bugnet

Approved by:

J. Bull
J. Bull, Director
Atlantic Marine Center

Approved by:

Charles Thomas
Chief, Photogrammetric Branch

Jack E. Luth
Chief, Photogrammetry Division

Chief, Chart Division

Chief, Operations Division

NOTES TO VERIFIER

There are no notes to the verifier.

*The following photographs were examined
during final review:*

615 9049 thru 9051

615 9093 " 9096