

12077

12077

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|---|--------------------|
| Form 504 | |
| U. S. DEPARTMENT OF COMMERCE | |
| COAST AND GEODETIC SURVEY | |
| DESCRIPTIVE REPORT | |
| Type of Survey | SHORELINE |
| Field No. | Office No. T-12077 |
| LOCALITY | |
| State | Maryland |
| General locality | Taylorville |
| Locality | Turville Creek |
| 19 61-1962 | |
| CHIEF OF PARTY | |
| W.M.Reynolds, Chief of Field Party | |
| Miller J. Tonkel, Baltimore District Office | |
| LIBRARY & ARCHIVES | |
| DATE | |

DESCRIPTIVE REPORT - DATA RECORD

T --12077

| | | |
|--|-----------------|--|
| PROJECT NO. (II): | | |
| PH-6103 (21039) | | |
| FIELD OFFICE (II): | | CHIEF OF PARTY |
| Snow Hill, Maryland | | W. M. Reynolds |
| PHOTOGRAMMETRIC OFFICE (III): | | OFFICER-IN-CHARGE |
| Baltimore District Office | | 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): | | STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): |
| 1:10,000 | | 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): | | VERTICAL DATUM (III): |
| N. A. 1927 | | MHW xxxxxx 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): | | |
| DOWNS, 1955 | | |
| LAT.: | LONG.: | <input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED |
| 38° 20' 48.294" | 75° 10' 47.014" | |
| PLANE COORDINATES (IV): | | STATE |
| Y = 192,178.01 Ft. X = 1,322,031.86 Ft. | | 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): M. A. Stewart | | DATE: July - August 1962 |
| MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Kelsh Plotter using 1961 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 J. D. McEroy | DATE 4/30/63 5/2/63 |
| | CONTOURS Inapplicable | DATE |
| MANUSCRIPT DELINEATED BY (III): J. Councill | | DATE 6/7/63 |
| SCRIBING BY (III): J. Cregan | | DATE 2/28/64 |
| PHOTOGRAMMETRIC OFFICE REVIEW BY (III): E. L. Rolle | | DATE 2/28/64 |
| REMARKS: | | |

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

"S" Camera

PHOTOGRAPHS (III)

| NUMBER | DATE | TIME | SCALE | STAGE OF TIDE |
|---------------------|-------------|------|----------|-------------------|
| 61-S-9051 thru 9053 | 24 May 1961 | 0830 | 1:30,000 | 0.4 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:

September 1966

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

2

RECOVERED:

2

IDENTIFIED:

1

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

0

RECOVERED:

0

IDENTIFIED

0

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

0

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

0

REMARKS:

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T-12077

COMPILATION RECORD

COMPLETION DATE

REMARKS

| | | |
|-----------------------|-----------|--|
| Compilation completed | June 1963 | |
| | | |
| | | |
| | | |
| | | |

Note: Map was not field edited.

CHINCOTEAGUE BAY PROJECT PH 6103 PLANIMETRIC MAPPING SCALE, 1:10,000

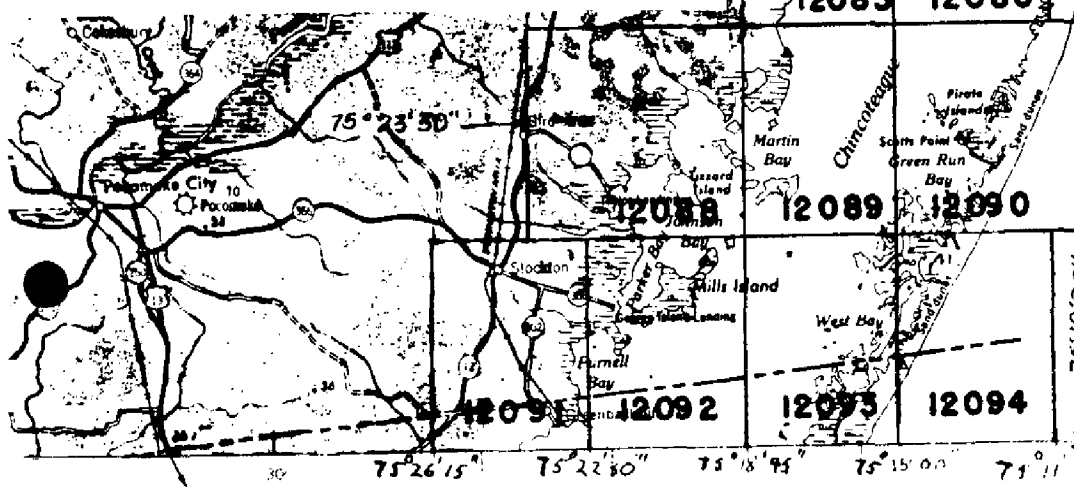
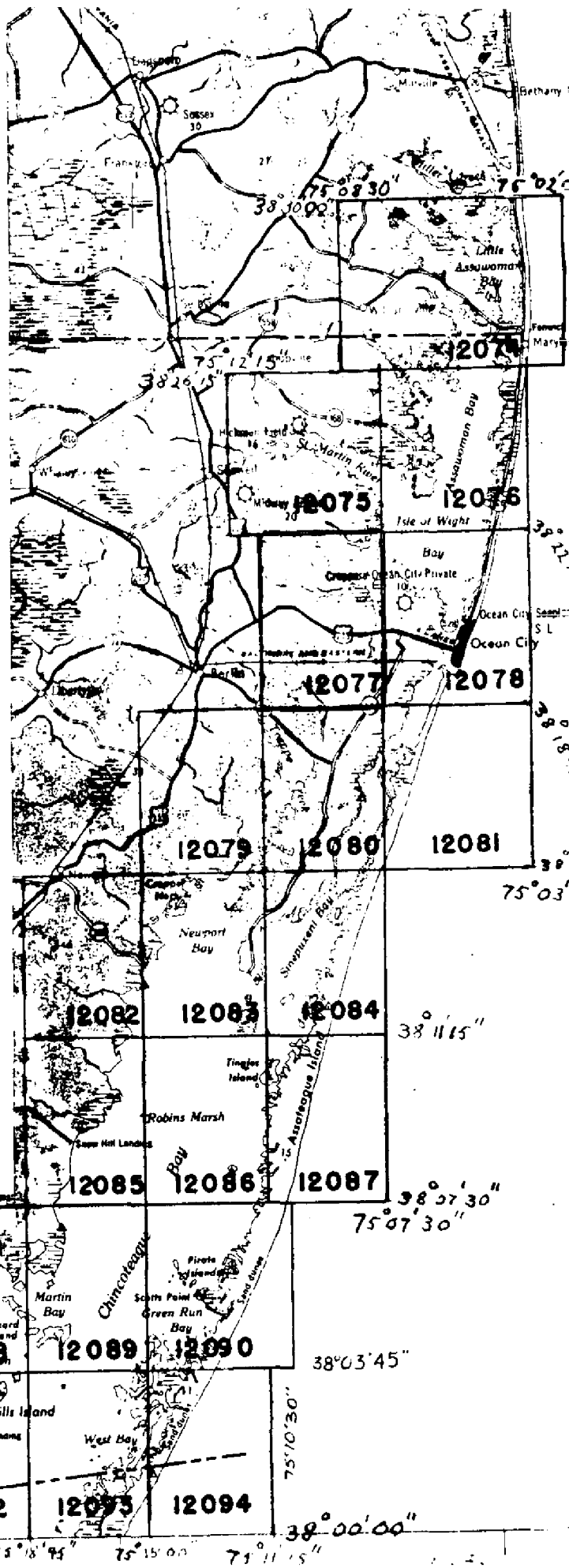
OFFICIAL MILEAGE

| FEET 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



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SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-12077

Shoreline map T-12077, located in the vicinity of Taylorville, Maryland, covers the area of Turville Creek, Herring Creek and part of Manklin Creek. This is one of twenty-one similar maps in project PH-6103.

The purpose of the project was to provide base maps in support of the Bureau's Nautical Chart Program and for the compilation of special charts for the State of Maryland, Department of Tidewater Fisheries.

Field work preceding compilation included recovery and identification of horizontal control, field and shoreline inspection and the identification and location of landmarks and fixed aids to navigation.

The Kelsh compilation was at 1:10,000 scale using the panchromatic photography obtained on May 24, 1961.

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-12077
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 survey appear on photographs
61-S-9051, 9052 and 9053.

MAP T. 12077 PROJECT NO. PH-6103 SCALE OF MAP 1:10,000 SCALE FACTOR

[illegible]

PHOTOGRAMMETRIC PLOT REPORT
T-12077

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

COMPILATION REPORT
T-12077

31. DELINEATION

The Kelsh plotter was used to delineate the manuscript. The field inspection was complete and adequate and no difficulties were encountered during the course of compilation.

32. CONTROL

Horizontal control consisted of passpoints established by aerotriangulation. The density, placement of this control was adequate for the Kelsh compilation.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours - inapplicable.

The drainage was compiled in accordance with field inspection notes.

35. SHORELINE AND ALONGSHORE DETAIL

The shoreline inspection was complete and adequate and delineation was done accordingly. All piers, wharves, boathouses etc. have been shown.

36. OFFSHORE DETAILS

No offshore details requiring investigation by a hydrographic party were noted during the course of compilation.

37. LANDMARKS AND AIDS

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

38. CONTROL FOR FUTURE SURVEYS

No control for future surveys was established.

39. JUNCTIONS

Satisfactory junctions were made with T-12075 to the north, T-12078 on the east and with T-12080 on the south. There is no contemporary survey on the west.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with U.S.G.S. BERLIN, MD. quadrangle, edition of 1943. The two surveys are in good general agreement.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with nautical chart 1220, 1:80,000 scale. The chart appears to be in good agreement with the manuscript.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by:

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

Approved and forwarded:

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

GEOGRAPHIC NAME LIST
T-12077

HERRING CREEK
HORSE ISLAND
JAKE GUT
JENKINS CREEK
MANKLIN CREEK
MUD CREEK
MOCCASIN POND
PERCH GUT
SHORTS LANDING
TAYLORVILLE
TURVILLE CREEK
TURVILLE NECK
UPPER SINEPUXENT NECK

49. NOTES FOR THE HYDROGRAPHER

There are no notes for the hydrographer.

PHOTOGRAMMETRIC OFFICE REVIEW

T-12077

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| | | | |
|---|--|--|---|
| 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 ELR | 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 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 ELR | 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: E. L. Rolle | | 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-12077

This map was not field edited.

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REVIEW REPORT T-12077
SHORELINE
September 29, 1966

61. GENERAL STATEMENT

See summary accompanying Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Comparison was made with T-8126, 1:20,000 scale, 7 $\frac{1}{2}$ ' quadrangle. Some changes in the shoreline are evident in Herring and Turville Creeks. These changes have been noted on the comparison print. * See below

Map T-12077 supersedes T-8126 and should be used for future nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with U.S.G.S. BERLIN, MD. quadrangle, 1:24,000 scale, edition of 1943. The two maps are in good general agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

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

65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with chart 1220, 1:80,000 scale, 12th edition, November 1, 1965. Because of the difference in scale only a visual comparison was feasible. The chart and manuscript are in good agreement; however, it was noted that no piers or other along-shore features are shown on the chart.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

* comparison Print destroyed - of no permanent value
see

Reviewed by:

Leo F. Buegniet

Approved by:

J. Bull
J. Bull
Director, Atlantic Marine Center

Approved by:

Charles L. Hemen
Chief, Photogrammetric Branch _{DHB}

Jack E. Guth
Chief, Photogrammetry Division

Chief, Chart Division

NOTES TO THE VERIFIER
T-12077

There are no notes to the verifier for this map.

The following photographs were examined during final review:

61-S-9051 thru 9053

61-S-9287 thru 9289