

11791

Original

Diag. Cht. No. 77-6.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey PLANIMETRIC

Field No. Ph-6008 Office No. T-11791

LOCALITY

State MARYLAND

General locality CHESAPEAKE BAY-CALVERT COUNTY

Locality PLIM POINT

19.60

CHIEF OF PARTY

G. F. Wirth, Chief of Field Party

V. R. Sobieralski, Tampa District Officer

LIBRARY & ARCHIVES

DATE

APR 19 1963

USCOMM-DC 5087

11791

DESCRIPTIVE REPORT - DATA RECORD

T -11791

Project No. (II): PH-6008

Quadrangle Name (IV):

Field Office (II): Chesapeake Beach, Maryland

Chief of Party: George F. Wirth

Photogrammetric Office (III): Tampa District Office

Officer-in-Charge: V. R. Sobieralski

Instructions dated (II) (III): 31 August 1960

Amendment 1 24 October 1960

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Kelsh Plotter

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): 1:6,000

Scale Factor (III): Pantographed to 1:10,000

Date received in Washington Office (IV):

MAY 10 1961

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III): MHW

~~Mean sea level~~ 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): SOPER, 1943

Lat.: $38^{\circ}37'22.050''$ (679.9m)

Long.: $76^{\circ}32'38.312''$ (926.8m)

Adjusted
Unadjusted

Plane Coordinates (IV):

State: Maryland

Zone:

Y= 287,826.50ft.

X= 930,288.07 Ft.

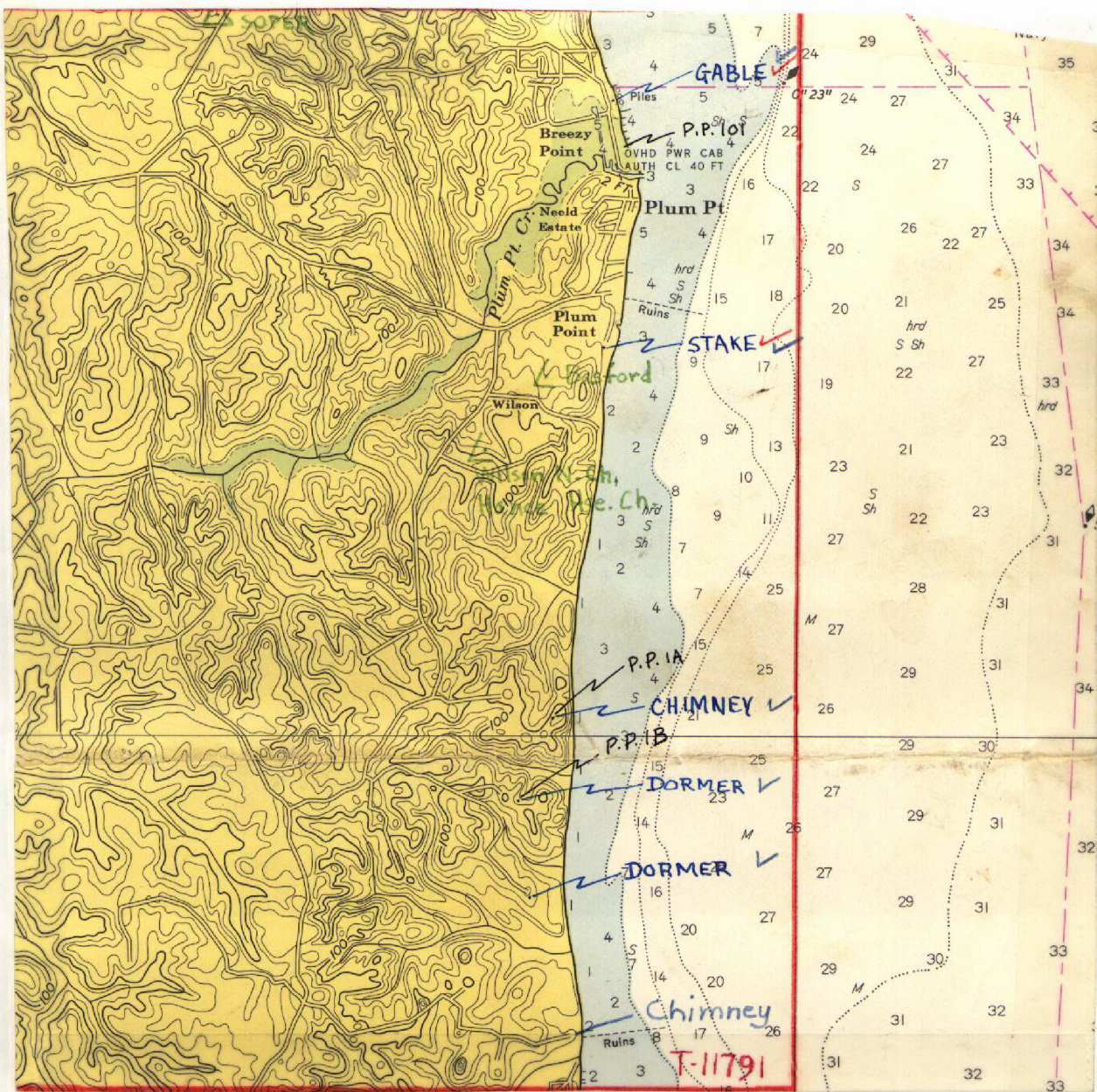
Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,
or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

PLANIMETRIC

Inapplicable



DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **G. F. Wirth**
C. H. Nixon
E. E. Brown
J. E. Telodziecki, Jr.
Planetable contouring by (II): **Not applicable**

Date: **Nov. 1960**

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): **Air Photo compilation**
Date of photography: 23 July 1960

Projection and Grids ruled by (IV): **R.A.C. (W.O.)**

Date: **Oct. 1960**

Projection and Grids checked by (IV): **J.D.C. (W.O.)**

Date: **Oct. 1960**

Control plotted by (III): **R. E. Smith**

Date: **Nov. 1960**

Control checked by (III): **V. P. Cackowski**

Date: **Nov. 1960**

~~Control checked~~ Stereoscopic

Date: **Oct. 1960**

Control extension by (III): **R. E. Preschel (W.O.)**

Planimetry **W. W. Dawsey**
Stereoscopic Instrument compilation (III):

Date: **Jan. 1961**

~~Controls~~

Date:

Manuscript delineated by (III): **W. W. Dawsey**

Date: **Jan. 1961**

of compilation
Photogrammetric Office Review/by (III): **I. I. Saperstein**

Date: **Feb. 1961**

Elevations on Manuscript

checked by (II) (III): **Inapplicable**

Date:

Camera (kind or source) (III): **Wild Single-lens "S"**

PHOTOGRAPHS (III)

| | Ratio of Ranges | Mean Range | Spring Range |
|------|-----------------|------------|--------------|
| | - | 1.1 | 1.3 |
| H.W. | -0.1 | 1.0 | 1.2 |
| L.W. | 0.0 | | |

Date:

Date: **March 1961**
April 1961

Date:

Date:

~~98614007651xian-0000esd-pro-poste-hon-bo~~

Number of Temporary Photo Hydro Stations established (III): **None**

Identified: 0

COMM-DC-57842

FIELD INSPECTION REPORT SUBMITTED WITH T-11789.

9.

COMPILATION REPORT
T-11791

Bridge report submitted with T-11793.

31. DELINEATION

The delineation was done with the Kelsh Plotter. The "overhead power line that crosses a small boat harbor at Breezy Point" in paragraph (g) page 10 of the Field Inspection Report is apparently the "overhead power line" shown at Blum Point on field inspection photograph 60-S-8585.

A road in Neeld Estates was inked on photograph 60-S-8585 by the field inspector. A comparison with infra red photograph 60-I-129 shows the road in a different position than that drawn by the field inspector.

Most of the buildings and the short private roads shown by the field inspector have been omitted from this manuscript. The buildings were omitted in accordance with Photogrammetry Instructions No. 54 for Shoreline and Planimetric Maps. The roads were omitted after correspondence with the Washington Office and on authority of a letter from the Chief Photogrammetry Division 10 June 1960.

The field inspection was otherwise adequate.

32. CONTROL

The selection and placement were good and all held.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

The drainage, which lay almost entirely in densely wooded areas, was shown by the field inspector, but examination under the Kelsh revealed that the inspection put some streams on the sides of ravines. The streams were delineated by following the ravine bottoms as closely as possible.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline and alongshore details were shown as indicated by the field inspection.

The shoreline inspection was adequate.

No low-water lines were indicated, nor were any shoal lines apparent for delineation.

10.

36. OFFSHORE DETAILS

Several platforms and piling have been shown as indicated by the field inspection.

37. LANDMARKS AND AIDS

No landmarks or aids were located within the limits of this manuscript. However, one aid has been located east of the manuscript and form 567 submitted on 10 Feb. 1961 ~~under date of 26 Jan. 1961~~.

38. CONTROL FOR FUTURE SURVEYS

Five (5) topographic stations were located: one Maryland Department of Tidewater Fisheries monument and four (4) natural objects; and are listed under Item 49.

39. JUNCTIONS

Satisfactory junctions were made with: T-11790 to the north, T-11792 to the south, Chesapeake Bay to the east. This manuscript lies in the NE 1/4 of the USGS quadrangle PRINCE FREDERICK, scale 1:24,000. The junction appears satisfactory.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with the USGS quadrangle PRINCE FREDERICK, scale 1:24,000 edition of 1953. The comparison was favorable. Only minor changes due to the passage of time were noticed. There are no planimetric maps available for comparison.

11.

L7. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with the U.S.C. & G.S. Chart No. 551, scale 1:40,000 published in Feb. 1950, revised to May 1960. The same differences were noticed as mentioned under Item L6. The quadrangle may have been used as the source of topography for this chart.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

W. W. Dawsey
W. W. Dawsey
Cartographer (Photo)

Approved and Forwarded:

V. Ralph Sobieralski
V. Ralph Sobieralski
Tampa District Officer

19. NOTES FOR THE HYDROGRAPHER

Five stations were located that could be of use to the hydrographer. Four natural objects and one Maryland Department of Tidewater Fisheries Monuments.

MDTF 60 (COPPER SURVEY STAKE)1960

GABLE, 1960 (E'ly, large white bathhouse and amusement bldg. w/red roof)

CHIMNEY, 1960 (Red, near N'ly gable of white house)

DORMER, 1960 (Single window, E'ly side of 2½ story house)

DORMER, 1960 (E'ly, on white 2 story house, light green roof)

PHOTOGRAMMETRIC OFFICE REVIEW OF ADVANCE MANUSCRIPT

T. 11791

1. Projection and grids IIS 2. Title IIS 3. Manuscript numbers IIS 4. Manuscript size IIS

4a. Classification label Unclassified

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy IIS 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) IIS 7. Photo hydro stations XX 8. Bench marks XX 9. Plotting of sextant fixes IIS 10. Photogrammetric plot report W.O. 11. Detail points IIS

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline IIS 13. Low-water line XX 14. Rocks, shoals, etc. XX 15. Bridges XX 16. Aids to navigation XX 17. Landmarks XX 18. Other alongshore physical features IIS 19. Other along-shore cultural features IIS

PHYSICAL FEATURES

20. Water features IIS 21. Natural ground cover IIS 22. Planetable contours XX 23. Stereoscopic instrument contours XX 24. Contours in general XX 25. Spot elevations XX 26. Other physical features IIS

CULTURAL FEATURES

27. Roads IIS 28. Buildings IIS 29. Railroads XX 30. Other cultural features IIS

BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

33. Geographic names IIS 34. Junctions IIS 35. Legibility of the manuscript IIS 36. Discrepancy overlay XX 37. Descriptive Report IIS 38. Field inspection photographs IIS 39. Forms IIS

40. Irving I. Saperstein M. M. Slavney
Reviewer Supervisor, Review Section or Unit

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

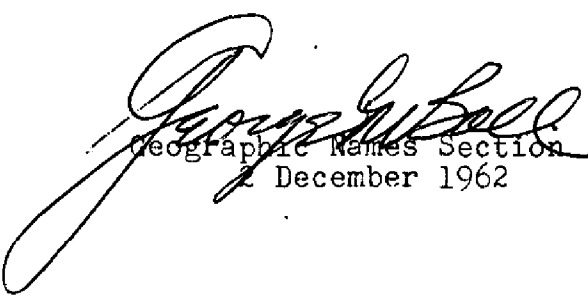
Supervisor

43. Remarks:

T-11791

48. Geographic Names:

Breezy Point
Chesapeake Bay
Dares Beach
Hunting Creek
Kaufmann Camp
Neeld Estate
Plum Point
Plum Point (settlement)
Plum Point Creek
Sewell Branch
Wilson


Geographic Names Section
2 December 1962

REVIEW REPORT
OF SHORELINE MANUSCRIPTS
T-11789 thru T-11793
February 1963

61. General Statement

This project PH-6008 consists of five (5) shoreline manuscripts. These maps were prepared for revision of our Nautical Charts and for source material for the completion of the reimbursable project for the Maryland Department of Tidewater Fisheries.

62. Comparison with Registered Topographic Surveys

| | | |
|------------|------|----------|
| T-2395 | 1903 | 1:20,000 |
| T-2836 | 1907 | 1:20,000 |
| T-2842 | 1907 | 1:20,000 |
| T-2868 | 1908 | 1:20,000 |
| T-5348 | 1935 | 1:10,000 |
| T-6956 a&b | 1944 | 1:10,000 |
| T-6957 a&b | 1944 | 1:10,000 |

Cultural and shoreline changes have been continuous. T-11789 thru T-11793 are to supersede the above listed surveys for common area for nautical charting.

63. Comparison with Maps of Other Agencies

| | | | |
|----------------------|----------|----------|-----------|
| North Beach Md. | 1:24,000 | U.S.G.S. | 1953 |
| Prince Frederick Md. | 1:24,000 | U.S.G.S. | 1953 |
| Leonardtwn Md. | 1:24,000 | U.S.G.S. | 1936-1950 |

These are minor shoreline and cultural changes due to the difference in survey dates.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

| | | |
|-----|----------|---------------------------|
| 551 | 1:40,000 | May 1960 |
| 553 | 1:40,000 | 1954 revised to Mar. 1960 |

See Item 47

66. Accuracy of Results and future Surveys

Subject T-sheets (5) have been compiled according to instructions and meet the requirements of adequacy and accuracy.

Approved by:

Charles L. Lunde
Chief, Cartographic Branch
J. E. Waugh 4/7/63
Chief, Photogrammetry Div.

Reviewed by:

L. C. Lunde
L. C. Lunde
James G. Taylor Division
Chief, Nautical Charts Division
Horace S. Conolly
Chief, Operations Division

