

10665

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-161	Office No. T-10665
LOCALITY	
State	Maryland
General locality	Potomac River
Locality	Piney Point
1955-1959	
CHIEF OF PARTY	
James P. Randall, Chief of Party	
W. E. Randall, Baltimore District Officer	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

10665

DESCRIPTIVE REPORT - DATA RECORD

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T- 10665

Project No. (II): Ph-161

Quadrangle Name (IV):

Field Office (II): Leonardtown, Maryland

Chief of Party: James P. Randall

Photogrammetric Office (III): Baltimore, Maryland

Officer-in-Charge: William E. Randall

Instructions dated (II) (III): 9/16/57, 73/rab
Ltr. from Ch. Photo. Div., 7/23/58, 73/rrj

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
(Pantograph ratio 3/5)

Scale Factor (III): 1.000

Date received in Washington Office (IV):

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:~~ MHW
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): WALL, 1908

Lat.: 38° 09' 22.522" (694.4m) Long.: 76° 30' 48.182" (1173.1 m)

Adjusted
~~unadjusted~~

Plane Coordinates (IV):

State:

Zone:

Y=

X=

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

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Inapplicable

Areas contoured by various personnel
(Show name within area)
(II) (III)

DESCRIPTIVE REPORT - DATA RECORD

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Field Inspection by (II): James P. Randall
Robert S. Tibbetts
Mathew A. Stewart

Date: June 1958 thru
September 1958

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): 11/11/55, supplemented by 1958
and 1959 photography. (Photogrammetric)

Projection and Grids ruled by (IV): P. Dempsey

Date: 11/10/58

Projection and Grids checked by (IV): R. D. Shoup

Date: 11/11/58

Control plotted by (III): D. M. Brant

Date: 3/12/60

Control checked by (III): H. P. Eichert

Date: 3/12/60

~~Revised Plot~~ Stereoscopic
Control extension by (III):

W. A. Kuncis

Date: 2/29/60

Stereoscopic Instrument compilation (III):

Planimetry E. M. Brant)
J. D. McEvoy)
Contours

Date: August 1960

Date:

~~scribed~~
Manuscript delineated by (III):

J. C. Cregan

Date: 8/2/61

Photogrammetric Office Review by (III): E. L. Williams

Date: 11/16/60

Elevations on Manuscript
checked by (II) (III):

Date:

DESCRIPTIVE REPORT - DATA RECORD

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Camera (kind or source) (III): C&GS types "W" and "S" cameras, 6" focal length.

PHOTOGRAPHS (III)					
Number	Date	Time	Scale	Stage of Tide	
55-W-2272 & 2273	11/11/55	13:10	1:30,000	1.3'	above MLW
2274	"	13:11	"	"	" "
2397 & 2398	11/12/55	13:56	"	1.2'	" "
58-S-6397	8/5/58	13:19	1:40,000	0.6'	" "
6398	"	13:20	"	"	" "
59-W-6499 & 6500	7/5/59	9:23	1:19,500	"	" "
6501	"	9:24	"	"	" "

Tide (III)
(From Predicted Tables)

Reference Station: Washington, D. C.
Subordinate Station: Piney Point, Maryland
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	2.9'	3.3'
	1.6'	1.8'

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 6

Shoreline (More than 200 meters to opposite shore) (III): 18 St. mi.

Shoreline (Less than 200 meters to opposite shore) (III): 9 " "

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 14 Recovered: 6

Identified: 4

Number of BMs searched for (II): None Recovered:

Identified:

Number of Recoverable Photo Stations established (III): None

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

Remarks:

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T. 10665

PROJECT NO. Ph-161

SCALE OF MAP 1:10,000

SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
MAULDIN 2 (B of O) 1942	Md. p. 105	N.A. 1927	117,392.35 931,864.72				
CHADWICK, 1908	Md. p. 122	"	120,639.19 939,381.34				
SHEHAN, 1908	"	"	119,116.10 944,252.16				
LOWELL, 1908	"	"	117,376.91 942,537.72				
GUTHIER, 1908	"	"	120,100.70 938,501.43				
WALL, 1908	"	"	117,974.22 939,933.80				
RUSSELL, 1908	"	"	116,498.99 941,462.28				
ROBRECHT, 1908	"	"	113,906.80 943,002.78				
SWAN, 1908	"	"	111,492.59 943,650.65				
PINEY PT. L. H. 1858	Md. p. 57	"	110,284.89 935,184.23				
PINEY PT. W. T. 1942	Md. p. 111	"	113,093.62 941,068.21				- 7 -

MAP T-10665

PROJECT NO. Ph-161

SCALE OF MAP
1:10,000

SCALE FACTOR

1.000

[illegible]

1 FT. = 3048006 METER

COMPUTED BY: D. M. Brant

DATE 4/1/60

CHECKED BY: H. P. Elchert

DATE 4/1/60

COMM-DC-57843

COMPILATION REPORT
Project Ph-161
T-10665

The field report and photogrammetric plot report are bound in the Descriptive Report for T-10651.

31. DELINEATION

The Kelsh Plotter (with 1955 photography) was used for delineation. The 1958 photography (poor quality) was used in making changes in planimetry that occurred between 1955 and 1958.

Except for perennial drainage, the field inspection was adequate. Contact prints of 1959 photography were used to delineate State Highway 249 which was under construction in 1958.

32. CONTROL

The identification, density, and placement of control consisting of field identified stations and stereo-planigraph bridge passpoints was adequate.

33. SUPPLEMENTAL DATA

Geographic Names Standard dated 19 June 1959.

34. CONTOURS AND DRAINAGE

Contours - inapplicable.

No interior perennial drainage was field inspected on this manuscript. Interior drainage is from office interpretation of photographs. The A. M.S. Piney Point, Md., Va. sheet 5660 II N E, was used as a guide in determining perennial drainage.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate. Minor changes in shoreline and along shore details were made from 1958 and 1959 photography.

Low-water and shoal lines are based on data furnished by the field party.

36. OFFSHORE DETAILS

No unusual problems were encountered in compiling details offshore from the high-water line.

37. LANDMARKS AND AIDS

Three non-floating aids were located from photo-points by theodolite cuts. Forms 24A will be submitted with project data. Forms 567 were submitted 14 March 1960. A copy of this Form is filed in the Descriptive Report for T-10672.

Four non-floating aids (PINEY POINT OIL PIER LIGHTS A, B, C, D: 1958) were located photogrammetrically. Form 567 was submitted 15 November 1960.

38. CONTROL FOR FUTURE SURVEYS

There are no recoverable topographic stations on this survey. An incomplete copy of this survey showing the shoreline along with a set of ratio photographs with passpoints was prepared and submitted for the use of photo hydro-support party.

39. JUNCTIONS

Junctions have been made with the following manuscripts:

T-10658 to the north
T-10671 to the south
T-10666 to the east
T-10664 to the west

40. HORIZONTAL AND VERTICAL CONTROL

No comment.

41. BOUNDARIES

The Naval Reservation located at Piney Point, Maryland has been sold to private individuals. A letter dated 17 August 1960 concerning the sale of this property is submitted with this report.

42. thru 45.

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with the following map:

AMS "PINEY POINT, MD., VA.", scale 1:25,000, sheet 5660 II N E
(based on Bureau survey T-8139). 3rd edition dated 1950.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with nautical chart 557, Potomac River, scale
1:40,000 published 10 August 1946, 7th edition, corrected to 11/12/60.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted



Donald M. Brant
Carto. (Photo.)

Approved and forwarded



William E. Randall
CDR, C&GS
Baltimore District Officer

PHOTOGRAMMETRIC OFFICE REVIEW

T. 10665

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

5a. Classification label Sh

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

27. Roads Sh 28. Buildings Sh 29. Railroads — 30. Other cultural features Sh

BOUNDARIES

31. Boundary lines Sh 32. Public land lines —

MISCELLANEOUS

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

40. E. L. Williams
Reviewer

Henry P. Smith
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:

Photo Sub-Party 723
U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
General Delivery
Leonardtown, Md.

POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

17 August 1960

To: Baltimore District Officer
Coast and Geodetic Survey
518 East 32nd Street
Baltimore 18, Maryland

SUBJECT: Field Edit Data - Project PH-161, Potomac River.

REFERENCE: Letter No. 73/lrw of 28 July 1960.

The bulk of the information on the subject at hand was obtained through a conversation with Mr. J. H. Dotterer of Piney Point, Md., on August 15, 1960. Mr. Dotterer was in the Navy and stationed at the installation for several years up until its sale to the public. He retired and acquired somewhat of a caretaker's status with the property's principle new owner-"Piney Point Incorporated."

From all indications, it appears that the government property which was originally owned by the U. S. Navy, in the vicinity of Piney Point and St. George's Island, Maryland, has been sold. The largest tracts were purchased by "Piney Point Incorporated"- Vincent A. Sheahy, Jr., President. Smaller tracts were purchased by the Stewart Petroleum Company of Piney Point, and others. In view of these facts the reservation boundary lines should not be mapped.

During our conversation, Mr Dotterer made reference to a letter written by the installation officials sometime during 1958, which concerned the lifting of the restricted area in this vicinity (No. 207.126 on our chart Nos. 557 & 558). He thought as far as the Navy was concerned the restrictions were lifted on this area through promulgation of this letter. ~~He further commented that the Maryland Fishery Commission still keeps fishermen out of this area. Possibly the only reason Maryland has for keeping this area clear of nets, traps, and prohibiting commercial fishing, is because the area is still shown as restricted on our charts.~~ The range markers in this vicinity are no longer maintained by the Navy and have just been left to deteriorate. An investigation of this matter seems worthy of a letter to the competent authorities for their approval on whether or not to map this area as restricted.

Checked
This - Not
True →

The installation was formally operated under the Potomac River Naval Command, which did have its headquarters at the Naval Gun Factory in Washington. A Mr. Damon, P.R.N.C., handled details of the sale for the Navy, and may still have his office at the Gun Factory in Washington. He could probably lend some valuable assistance if this matter is to be pursued.

On property acquired by Stewart Petroleum Company there was a small Naval Airstrip. The airstrip is being maintained and improved by the Stewart Petroleum Company, and they have recently added some night landing facilities. I have noticed that the strip is not shown on T-10665. If it is desirable that this be shown, and the necessary information cannot be obtained from the photos in the office, send me photo 55-W-2274, and I will do a brief field inspection of the airstrip.

Respectfully yours,

Ernest E. Brown
Ernest E. Brown
Ensign, C. & G. S.

CC: 73

73/lrw

28 July 1960

To: ENS Ernest E. Brown
Coast and Geodetic Survey
General Delivery
Leonardtown, Maryland

Subject: Field Edit Data - Project PH-161
Potomac River

For several years, the Navy has maintained an installation at Pinay Point, Maryland. The boundaries were field inspected in 1958 on maps T-10665, T-10666 and T-10672.

Some of our employees have reported reading newspaper articles, describing the closing of the Government Reservation and of offerings for the sale of the property to private individuals.

Please report by letter to the Baltimore District Office whether or not the reservation boundary lines should be mapped.

(signed) L. W. Swanson

L. W. Swanson, Chief
Photogrammetry Division

cc: BDO, 75

NOTES FOR THE REVIEWER

Sub. Pt. MAULDIN 2 1942 was not held during bridge adjustment (Stereotriangulation Report Strip 23). A position for the Sub. Pt. was dropped during Kelsh compilation on the original worksheet. There is no Sub. Pt. shown on the scribed sheet. Station is shown.

Sub. Pt. MAULDIN 2 - A possible explanation for the large discrepancy (18 meters) between the plotted field position and the Kelsh position of the Sub. Pt. may be that the field measurements to the Sub. Pt. were not taken from MAULDIN 2, 1942 - but were taken from the reference mark 50 feet away. This is quite possible in that the Bureau of Ordinance disks are often the same for both the station marks and the reference marks. The stereoplanigraph bridge position is 22 meters from the plotted field position of the Sub. Pt.

BEALE'S HOUSE, SOUTHEAST CHIMNEY, 1901. The 1958 recovery card (Form 526) said the station was destroyed. The 1959 C. S. I. card (Form 152) was not used in the stereo-bridge. Datum difference was applied to the N. A. position and the station plotted, but only lightly pricked on the manuscript. Holding two passpoints nearby, we found the N. gable of the house indicated as Beale's House on the C. S. I. card to be S. W. of the plotted position of the station. It is probable that the original house was torn down and the present house located nearby.

PINEY POINT OIL PIER LIGHTS, A, B, C, D, 1958. Positions dropped in Kelsh compilation. These lights have been reported on Form 567. Notice to Mariners No. 52, December 26, 1959 states the lights were rebuilt. Verification requested by hydro-party.

Chart 557 shows wreck just off Piney Point Beach, in 65 feet of water for which no inspection is given.

ABE - Shown on AMS 3, 1950 "PINEY POINT MD., VA." scale 1:25,000 sheet 5660 II NE. Though a recovery card is available for topo. station SEE, no card is available for station ABE. No request was made for the original description because it is apparently very NEAR the position of MAULDIN 2, 1942.

T-10665

48. Geographic Names:

Albright Point

Big Duke Creek
Biscue Point

Coombs Point

Herring Creek
Hodgson Point

Locust Grove Cove

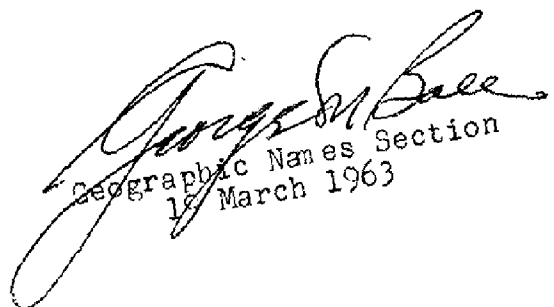
McKay Beach
McKay Cove
Medley Point
Morgan Point

Piney Point
Piney Point (settlement)
Piney Point Beach
Piney Point Creek
Potomac River

Russell Point

St. George Creek
St. George Harbor
Sheehan Point
Springer Creek
Streams End Point
Straits Point
Swan Point

Tall Timbers
Tall Timbers Cove
Tall Timbers P.O.


Geographic Names Section
18 March 1963

REVIEW REPORT
OF PLANIMETRIC MAPS
T-10658 thru T-10660, T-10665 thru T-10667,
T-10672 and T-10673

April 1963

61. General Statement

These are eight (8) planimetric maps of project PH-161, Lower Potomac River, Md. and Va. These maps were prepared to furnish shoreline and control for hydrographic surveys and base maps for nautical charting.

62. Comparison with Registered Topographic Surveys

T-8137	1:20,000	1943
T-8138	1:20,000	1943
T-8139	1:20,000	1943
T-8147	1:20,000	1943

These surveys agree with subject manuscripts as well as could be expected under consideration of the time interval. Only minor differences exist between the surveys of 1943 and subject manuscripts and are to supersede above listed registered surveys of common area and detailing for nautical charting purposes.

63. Comparison with Maps of Other Agencies

Piney Point, Md.	1:24,000	U.S.G.S.	1943
St. Marys City, Md.	1:24,000	U.S.G.S.	1943
St. George Island, Md.	1:24,000	U.S.G.S.	1943

There are minor cultural and shoreline differences but in general the agreement is good.

64. Comparison with Contemporary Hydrographic Surveys

H-8547	1:10,000	1960
H-8548	1:10,000	1960
H-8550	1:10,000	1960

Shoreline and control of subject surveys was furnished prior to hydrography and as no changes of importance have been made there is good agreement.

65. Comparison with Nautical Charts

558 1:40,000 Nov. 1962

There are only minor differences between the chart and the manuscripts.

66. Adequacy of Results and Future Surveys

These surveys were prepared according to project instructions and are within the required accuracy for Nautical Charting.

Submitted by:

L. C. Lande
L. C. Lande

Approved by:

Charles Thamer
Chief, Cartographic Branch

Louis G. Taylor
Chief, Nautical Charts Division

John W. Gough 6/18/63
Chief, Photogrammetry Division

Thomas S. Connelly
Chief, Operations Division

