8771

Diag. Cht. No. 295-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey [illegible]

Field No. [illegible] Office No. T-8771

LOCALITY

State DELAWARE, PENNSYLVANIA, [illegible]

General locality [illegible] RIVER

Locality MARCUS HOOK, PENNSYLVANIA

194 6

CHIEF OF PARTY

[illegible], Chief of Field Party.
T.D.Reed, [illegible] Photogrammetric Office.

LIBRARY & ARCHIVES

DATE December 20, 1951

8-1870-1 (1)

8771

Form T-1

DATA RECORD

T-8771

Quadrangle (II): Marcus Hook, Pa. Project No. (II): PH-7(46)D

Field Office: Camden, New Jersey Chief of Party: E.L. Jones

Compilation Office: Baltimore Photogrammetric Office Chief of Party: Thos. B. Reed

Instructions dated (II III): 25 March 1946, 14 June 1946, 19 July 1946 Copy filed in ~~Descriptive~~ Div. of Photogrammetry Report No. T- (VI)

Completed survey received in office: January 1949

Reported to Nautical Chart Section:

Reviewed: March 21, 1950 Applied to chart No. Date: April 4, 1951

Redrafting Completed:

Registered: 11-16-51 Published: May 1951

Compilation Scale: 1:10,000 Published Scale: 1:10,000

Scale Factor (III): 1.000

Geographic Datum (III): N. A. 1927 Datum Plane (III): ~~M.S.L.~~ MHW

Reference Station (III): Marcus 1933

Lat.: 39° 48' 27.550" (849.7m) Long.: 75° 25' 31.698" (754.0m) Adjusted ~~Unadjusted~~

State Plane Coordinates (VI): N.J. State Grid. Del. State Grid.

X = Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

Number	Date	75th meridian Time	Scale	Stage of Tide
46-D-1886 to 1893	3-10-46	1457	1:10,000	2.3 above MLW
46-D-1897 to 1902	3-10-46	1508	1:10,000	2.3 above MLW
46-D-1908 to 1910	3-10-46	1522	1:10,000	3.0 above MLW
46-D-2055 to 2060	3-12-46	1407	1:10,000	1.1 above MLW
46-D-2112	3-12-46	1458	1:10,000	0.5 above MLW
46-D-2124 to 2126	3-12-46	1518	1:10,000	0.4 above MLW

Tide from (III): Actual tide observations at Philadelphia corrected to "South Chester to Oldmans Point".

Mean Range: 5.3' Spring Range: 5.7'

Camera: (Kind or source) U. S. Coast and Geodetic Survey single lens camera. Wide angle, type "D"---focal length 12".

Field Inspection by: Ben O. Bryant, Sr. Photo. Aid (N.J.) and I. Y. Fitzgerald, Engr. Aid, (Del. and Pa.) date: Aug.-Sept. 1946

Field Edit by: J. D. Weiler date: Jan. 23, 1949

Date of Mean High-Water Line Location (III): Same as date of photographs supplemented with field inspection obtained during August and September 1946.

Projection and Grids ruled by (III) T.L.Janson date: 23 Sept. 1946

" " " checked by: T.L.Janson date: 23 Sept. 1946

Control plotted by: W. J. Hughes date: 24 July 1947

Control checked by: F.M.Senasack date: 1 Aug. 1947

Radial Plot by: F.J. Tarcza date: 14 Oct. 1947

Detailed by: G.S.Nottenburg date: 4 Nov. 1947, 1 Dec. 1947, 9 Dec.1947, 22 Dec. 1947

Reviewed in compilation office by: J. W. Vonasek date: 5 Jan. to 16 Jan.

Elevations on Field Edit Sheet checked by: date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 7.5

Shoreline (More than 200 meters to opposite shore): 19.6 miles (statute)

Shoreline (Less than 200 meters to opposite shore): 26.5 miles (statute)
(measured along center line of stream)

Number of Recoverable Topographic Stations established: 8

Number of ~~Temporary Hydrographic Stations~~ Photo Hydro Points located by radial plot: 1

Leveling (to control contours) - miles:

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

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

Remarks:

Summary to Accompany T-8771

This is one of a series of 24 shoreline maps in Project Ph-7(46) covering both sides of the Delaware River from Trenton, New Jersey and extending southward to lower Delaware Bay.

These shoreline sheets at a scale of 1:10,000 are to furnish material for revision of the nautical chart for this area, and, for a series of 18 topographic compilations at a scale of 1:20,000 which are to be published by the U. S. Geological Survey, as standard topographic quadrangles at 1:24,000. Since no topographic compilation covers this sheet this shoreline survey furnishes material for the revision of Nautical Chart 296 only.

FIELD REPORT

SHORELINE MANUSCRIPT, SURVEY NO. T-8771

For data covering Survey No. T-8771 refer to the field report for Surveys Nos. T-8770, T-8771 and T-8772. (Included in Descriptive Report T-8770)

MAP T-8771 PROJECT NO. PH-7(46)-D SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-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)
CHESTER, PHILA., GAS & ELEC.CO. 1933	G-1751 Pg.111	N.A. 1927	39° 49' 36.529"				1126.6	(723.9)		
			75° 23' 12.695"				301.9	(1125.0)		
COKE PLANT STACK, MARCUS HOOK, SINCLAIR REF.CO.MOST SE'LY STACK, 1933	G-1751 Pg. 111	"	39° 49' 19.613"				604.9	(1245.6)		
			75° 24' 19.528"				464.4	(962.6)		
MARCUS HOOK, VISCOSE CO.EAST STACK, 1933	G-1751 Pg. 111	"	39° 49' 14.685"				452.9	(1397.6)		
			75° 24' 40.335"				959.3	(467.7)		
MARCUS HOOK, VISCOSE CO.WEST STACK 1933	G-1751 Pg. 111	"	39° 49' 11.624"				358.5	(1492.0)		
			75° 24' 50.706"				1205.9	(221.0)		
MARCUS HOOK, PURE OIL CO. TALLEST STACK, 1933	G-1751 Pg. 111	"	39° 48' 49.181"				1516.8	(333.7)		
			75° 25' 24.647"				586.3	(840.9)		
MARCUS, 1933	G-1664 Pg. 72 (N.J.) p. 18 (De)	"	39° 48' 27.550"				849.7	(1000.8)		
			75° 25' 31.698"				754.0	(673.3)		
WO-25, 1934	U.S.G.S. Chester Qd. Pg.2	"	39° 49' 27.30"				842.0	(1008.5)		
			75° 29' 54.89"				1305.7	(121.6)		
CLAYMONT, WORTH STEEL CO. NW'ly. STACK, 1933	G-1751 Pg.111	"	39° 48' 30.85"				951.4	(899.1)		
			75° 26' 41.04"				976.2	(451.0)		
CLAYMONT, WORTH STEEL CO.SE'LY STACK, 1933	G-1751 Pg. 112	"	39° 48' 30.38"				936.9	(913.6)		
			75° 26' 40.17"				955.5	(471.7)		
CLAYMONT GENERAL CHEMICAL CO., TALLEST STACK, 1933	G-1751 Pg. 111	"	39° 48' 29.502"				909.9	(440.6)		
			75° 26' 01.544"				36.7	(1390.6)		
CLAYMONT GENERAL CHEMICAL CO., LOW BROAD STACK, 1933	G-1751 Pg. 112	"	39° 48' 18.985"				585.5	(1265.0)		
			75° 25' 59.583"				1417.4	(9.9)		
RUINS, 1934	G-1913 Pg.136	"	39° 47' 34.144"				1052.0	(797.5)		
			75° 27' 33.096"				787.5	(640.1)		

1 FT. = .3048006 METER

COMPUTED BY: John C. Richter John C. Richter DATE 7/22/47

CHECKED BY: L. A. Senasack L. A. Senasack DATE 7/22/47

M-2388-12

MAP T- 8771 PROJECT NO. PH-7(46)-D SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-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)
	G-1913	N.A.	39° 47' 43.234"				1333.4	(517.1)		
FILL, 1934	Pg.136	1927	75° 24' 16.022"				381.2	(1046.3)		
BORELLI	G-1664	"	39° 47' 35.334"				1089.7	(760.8)		
BORELLI, 1933	Pg. 71	"	75° 24' 02.230"				53.1	(1374.5)		
1932	G-1664	"	39° 47' 12.566"				387.5	(1463.0)		
MALLOW (U.S.E.)	Pg. 72	"	75° 25' 37.279"				887.1	(540.6)		
	U.S.G.S.	"	39° 46' 28.16"				868.5	(982.0)		
E-10, 1930	CHESTER Qd.Pg.5	"	75° 24' 06.65"				158.3	(1269.7)		
	G-1913	"	39° 46' 23.552"				726.4	(1124.1)		
SOUTH, 1934	Pg.136		75° 26' 49.560"				1179.5	(248.5)		
			39° 48'				864.0	(986.5)		
SUB STATION MARCUS		"	75° 25'				754.0	(673.3)		
	G-1664	"	39° 46' 04.388"				135.3	(1715.2)		
DEPOT, 1933	Pg. 72	"	75° 27' 11.413"				271.7	(1156.4)		
			39° 46' 02,960"				91.3	(1759.2)		
SUB.STA.DEPOT		"	75° 27' 10.453"				248.8	(1179.3)		

1 FT. = .3048006 METER

COMPUTED BY: John C. Richter (John C. Richter) DATE 7/22/47

CHECKED BY: L.A.Senasack (L.A.Senasack) DATE 7/22/47

M-2388-12

COMPILATION REPORT

SHORELINE MANUSCRIPT, SURVEY NO. T-8771

T-8771 is one of two shoreline manuscripts in Project No. PH-7(46)D located along the Delaware River. These surveys are to be compiled in accordance with instructions dated 25 March 1946 and 19 July 1946 by graphic photogrammetric methods.

26. CONTROL

See layout of control submitted to the Washington Office 20 October 1947. A list of stations on Form No. M-2388-12 is included in this report. (Layout sketch included in Descriptive Report T-8770)

27. RADIAL PLOT

Refer to the report for the combined radial plot covering the area of Surveys No. T-8770 and T-8771, which was submitted to the Washington Office on 20 October 1947. (Included in D. R. T-8770)

28. DELINEATION

The compilation is in accordance with the written instructions pertaining to Project No. Ph-7(46) dated 19 July 1946, and in accordance with Photogrammetry Instructions No. 17. The photographs were satisfactory for delineation.

29. SUPPLEMENTAL DATA

Blueprints of the Pennsylvania Railroad Valuation Maps, sheets numbered $\frac{V-3}{S.T.5}$; $\frac{V-3}{S.T.4}$; $\frac{V-3}{S.T.3}$; $\frac{V-3}{2}$; $\frac{V2.02}{1}$; and $\frac{V2.03}{1}$, were used for the delineation of the main line and branch lines of the railroad shown on the manuscript.

30. MEAN HIGH WATER LINE

The shoreline was delineated from single lens photographs (1:10,000 scale field ratio prints) in accordance with the field inspection shown thereon. Shoreline for which no field inspection was furnished was delineated in the compilation office after careful stereoscopic examination of the photographs.

31. MEAN LOW WATER LINE

A small percentage of the approximate mean low water line was identified by the field party. As the photographs were taken at the time of low water more of the approximate low water line was delineated in the compilation office after careful stereoscopic examination of the photographs. About 50% of the approximate mean low water line is delineated on the manuscript.

32. DETAILS OFFSHORE FROM THE MEAN HIGH WATER LINE

Delineated in accordance with the field identification.

33. WHARVES AND SHORELINE STRUCTURES

Delineated in accordance with the field identification.

34. LANDMARKS AND AIDS TO NAVIGATION

See Form 567 attached to the report for Surveys No. T-8770, T-8771, and T-8772 and also the Form 567 attached to this report. One of the two points on Marcus Hook Range furnished by the field party plotted 200 meters off the range and was therefore not shown. Both rejected during Review - L.M.S.

35. HYDROGRAPHIC CONTROL

One photo-hydro point has been shown on the manuscript. A description of this point is attached to this report. Two additional copies have been furnished for the use of the hydrographic parties.

36. LANDING FIELDS AND AERONAUTICAL AIDS

None

38. GEOGRAPHIC NAMES

Geographic names were taken from the final name standards dated 12-19-46, furnished by the Washington Office. A list of geographic names is attached to this report.

39. JUNCTIONS

Junction has been made to the southwest with Survey No. T-8772 and is in agreement.

The junction to the northeast with Survey No. T-8770 ~~will be~~ has been made. ~~when that survey is compiled.~~

The project limits are to the west, northwest and southeast.

41. BRIDGES

All bridge information for the area covered by this report as listed in the U. S. Engineers "List of Bridges Over Navigable Waters in the U.S." dated 1 July 1941 was verified in the field, all clearances were carefully measured with a steel tape, and the published descriptions and clearances

41. BRIDGES (Continued)

were found to be correct except for the following discrepancies; which were not reported to the Local District Engineer:

Bridge at	Field	Listed
Oldmans Creek, Nortonville (New Bridge)		
Vert. Cl(MHW)	65.0	64
Lift Span down	not given	5
Oldmans Creek, Jumbo, N.J.		
Vert Cl(MHW)	not given	2.1

42. DISCREPANCY OVERLAY

Descriptive and explanatory notes concerning doubtful topographic features have been shown on the discrepancy overlay.

44. COMPARISON WITH EXISTING TOPOGRAPHIC SURVEYS

Survey No. T-8771 has been compared in detail with the U. S. Geological Survey Marcus Hook Quadrangle, scale 1:31,680, and found to be in fair agreement (1948 edition).

45. COMPARISON WITH NAUTICAL CHARTS

Survey No. T-8771 has been compared with Nautical Chart No. 295, scale 1:40,000, and found to be in fair agreement.

The following topographic information shown on T-8771 is of sufficient importance to warrant immediate application to the chart:

None.

The following topographic details above the plane of mean high water are not shown on this manuscript, but are believed to still exist and should be carried forward on the chart:

None

45. COMPARISON WITH NAUTICAL CHARTS (Continued)

Low water features are shown in part and should be completed by the hydrographic party.

Respectfully submitted
23 December 1947

Gladys S. Nottenburg
Cartographer (Photo.)

Joseph W Vosnak
Photogrammetric Engineer
Photogrammetric Office Review

Harry R. Rudolph
Supervisor

Approved and forwarded
13 February 1948

Thos B Rud
Officer in Charge
Baltimore Photogrammetric Office

DESCRIPTION OF PHOTO HYDRO POINT

Number	Description	Pricked on Photo. No.
7202	SW corner RR pier	46-D-1911

Listed by Gladys S. Nottenburg
Cartographer (Photo.)

Checked by Joseph W Woznack
Photogrammetric Engineer

FIELD EDIT REPORT
Shoreline Survey T-8771
Project Ph-7(46)
Riley J. Sipe, Chief of Party

Field edit of this shoreline manuscript was completed during January 1949 by John D. Weiler, Photogrammetrist.

46. METHODS

The field edit of this manuscript was done by driving to the shoreline at every available opportunity, and walking to areas inaccessible by truck. This method was found to be more satisfactory than small boat work, since shoal areas would not permit close approach to the shoreline. All data added to the map manuscript were either plotted from topographic features or cut in by planetable methods.

47. ADEQUACY OF THE MAP MANUSCRIPT

Compilation along the Delaware shore of the Delaware River was well done. Compilation along the New Jersey shore was poor, evidently due to the poor quality of the original field inspection. Adequate photographic notations have been made for the redrafting of this shoreline.

It was noted that munition storage sheds at the ordnance depot at lat. 39° 46.3' long. 75° 27.0' had been erased from the map manuscript. Unless this was done for restrictive purposes they should be shown. No explanation was given the field editor. Restored at compilation office after field Edit — LMG. See Item 67 Review Report.

All bridge discrepancies were reported to the District Engineer of the U.S.E.D. at Philadelphia, Pa., after missing data were obtained.

All other notes on the field edit sheet are self - explanatory.

The map manuscript was reviewed by Mr. William H. Baum, Gloucester County Engineer for fifteen years. Well acquainted with the area from his own survey work, he found no errors.

Respectfully submitted
23 January 1949

John D. Weiler

John D. Weiler
Photogrammetrist

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

~~NONFLOATING AIDS OR~~ NEW LANDMARKS FOR CHARTS

TO BE CHARTED / ~~TO BE DELETED~~ } STRIKE OUT ONE

Camden, New Jersey 6 September 1946

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~XXXXXXXX~~ the charts indicated. I.Y. Fitzgerald I.Y.Fitzgerald, Engr.Aid E.L.Jones, Chief of Party

The positions given have been checked after listing by _____

Chief of Party.

STATE Delaware and Pennsylvania			POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE		LONGITUDE		DATUM						
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	D.M. METERS	° ′	D.P. METERS							
TANK (ELEV) Steel, water (90 ft. high)		CLAY	39 47.6		75 28.3		NA 1927	Rad.Plot 8771	1946	x	x		295
STACK	Brick (200 ft. high)	Marcus Hook Viscose Co. West Stack	39 49	358.5	75 24	1205.9	NA 1927	Tri 8771	1933	x	x		295
STACK	Brick, (200 ft. high)	Marcus Hook Viscose Co., East Stack	39 49	452.9	75 24	959.3	NA 1927	Tri 8771	1933	x	x		295
				NEW LANDMARKS TO BE CHARTED									

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

~~NONFLOATING AIDS OR~~ LANDMARKS ~~FOR CHARTS~~

TO BE CHARTED } STRIKE OUT ONE
~~TO BE DELETED~~ }

Camden, New Jersey 24 September, 19 46

I recommend that the following objects which have ~~(XXXXXX)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~(XXXXXXXXX)~~ the charts indicated.

Ben. O. Bryant, Sr. Photo. Aid - E. L. Jones, Chief of Party

The positions given have been checked after listing by Ben O. Bryant

Chief of Party.

STATE New Jersey

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE ° ′	LATITUDE D.M. METERS	LONGITUDE ° ′	LONGITUDE D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
* TOWER	Skeleton Steel (60 ft. high)	Mallow Sextant U.S.E.	39 47	387.5	75 25	887.1	NA 1927	Tri. 8771	1932		x		295

* RECOMMENDED NAME CHANGE

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED / ~~TO BE DELETED~~ } STRIKE OUT ONE

BALTIMORE, MARYLAND — 13 February 1948

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks, be charted on the charts indicated.

The positions given have been checked after listing by Joseph W. Vonasek

Joseph W. Vonasek

Thos. B. Reed

Thos. B. Reed — *Chief of Party.*

STATE			POSITION											
			LATITUDE			LONGITUDE								
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	D. M. METERS		° ′	D. P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
TANK (ELEV.) Steel, water (90 ft. high)		CLAY	39 47	1082 ✓		75 28	518 ✓	N.A. 1927	Rad. Plot 8771	1946	x	x		295

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE DELETED~~ } STRIKE OUT ONE

Baltimore, Md. 13 February 1948

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks, be charted on the charts indicated.

The positions given have been checked after listing by Joseph W. Vonasek

Thos. B. Reed
Chief of Party.

STATE			POSITION										
			LATITUDE			LONGITUDE							
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	D. M. METERS	° ′	D. P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
No.1718	Raccoon Creek Jetty		39 48	1016 ✓	75 23	80 ✓	N.A. 1927	Rad.Plot 8771	1946	x	x		295
No.1585	Marcus Hook Range Front		39 46	1026 ✓	75 28	778 ✓	"	"	1946	x	x		295
No. 1583	Grubbs Landing Light		39 47	250 ✓	75 27	1257 ✓	"	"	1946	x	x		295

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

GEOGRAPHIC NAMES

• CHESTER-BRIDGEPORT FERRY

• CROWN POINT ROAD

• DELAWARE ORDNANCE DEPOT

• DELAWARE RIVER

• GOVERNOR PRINTZ BOULEVARD

• Grubbs Landing Light

• JUMBO

• MARCUS HOOK CREEK

• NAAMAN CREEK

• NEW BRIDGE

• OLDMANS CREEK

• PENNSYLVANIA RAILROAD

• PENNSYLVANIA-READING SEASHORE LINES

• RACCOON CREEK

• RACCOON ISLAND

• STONY CREEK (NE of Marcus Hook)

• STONEY CREEK (SW of Holly Oak)

• U.S. QUARANTINE STATION

* MARCUS HOOK BAR

• U.S. 130/N.J. 44

• U.S. 322

• Gordon Heights

• Bellevue

• Marcus Hook

• South Chester

* This name does not appear on the manuscript because the feature could not be delineated.

Names preceded by • are approved. 11/22/48
L. Heck

CSGID-SMP 061 27 April 1950

MEMORANDUM FOR: DIRECTOR, U. S. COAST AND GEODETIC SURVEY, DEPARTMENT OF COMMERCE
ATTN: Administrative Planning Section

SUBJECT: Classification Clearance

1. Reference is made to your memorandum, file No. 731-lmh, dated 31 March 1950, forwarding ten maps for security clearance.

2. There is no objection to the publication of the three inclosed maps as unclassified.

3. The remaining seven maps will be returned to your agency as soon as they are received from the Commanding General, 4th Army, to whom they were sent for examination.

FOR THE ASSISTANT CHIEF OF STAFF, G-2:

3 Incls
1. Map No. T-8771
2. Map No. T-8749B
3. Map No. T-8749C

ERNEST A. BARLOW
Colonel, GSC
Chief, Security & Training Division

Reveiw Report T-8771
Shoreline Survey
March 21, 1950

62. Comparison with Registered Topographic Surveys.-

T- 161	1:10,000	1841
163	1:20,000	1846
1485	1:5,000	1880
1502a	1:5,000	1881
1502b	1:5,000	1881
1545	1:5,000	1881
1615	1:5,000	1881
2140	1:5,000	1892-3
(Boundary survey)		

The above surveys have been superseded in common areas by this map for nautical charting purposes.

63. Comparison with Maps of Other Agencies.-

Marcus Hook, Pa.-Del.-N.J., 1:31,680, 1948 edition

64. Comparison with Contemporary Hydrographic Surveys.-

None

65. Comparison with Nautical Charts.-

Chart 295 1:40,000 Revised to June 1948
No significant differences were noted.

66. Adequacy of Manuscript.-This compilation complies with the National Standards of Map Accuracy.

67. Classified Information.-This manuscript contains classified information and has been designated "Restricted" accordingly.
Unclassified, April 27, 1950, CSGID-SMP 061 Col. Ernest A. Barlow.

Reviewed by:

L. Martin Gazik

L. Martin Gazik

APPROVED

S. V. Griffith
Chief, Review Section B 12/7/51
Div. of Photogrammetry

H. C. Johnston
Chief, Nautical Chart Branch
Division of Charts

O S Reading
Chief, Div. of Photogrammetry

Wm. Scaife
Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. _____

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
10-20-51	295	W. J. Kennon	~~Before~~ After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
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A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.