

5615

Diagram Cht. No. 1215-3

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey PHOTOGRAMMETRIC SHORELINE

Field No. PH-16 (17) Office No. T-5615

LOCALITY

State NEW YORK

General locality LONG ISLAND

Locality ROCKAWAY BEACH

194 7

CHIEF OF PARTY

R. J. Sipe, Chief of Field Party.

T. B. Reed, Baltimore Photo. Office.

LIBRARY & ARCHIVES

DATE August 7, 1951

8-1870-1 (11)

5615

DATA RECORD

T-5615

Project No. (II): PH-16(47)

Quadrangle Name (IV):

Field Office (II): West Hempstead, New York.

Chief of Party: Riley J. Sipe

Photogrammetric Office (III): Baltimore

Officer-in-Charge: Thos. B. Reed

Instructions dated (II) (III):

10 September 1947

2 March 1948

Copy filed in Division of
Photogrammetry (IV)

Office Files

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.000

Date received in Washington Office (IV): 4-26-49 Date reported to Nautical Chart Branch (IV): 4-27-49

Applied to Chart No.

Date:

Date registered (IV): 16 July 1951

Publication Scale (IV): —

Publication date (IV): —

Geographic Datum (III): N.A. 1927

Vertical Datum (III): ~~M.S.L.~~ MHW (Elev.)

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): ~~SEASIDE, 1932~~ ARVERNE, 1940

Lat.: ~~40° 35' 05.628" (173.6m)~~
40° 35' 28.648" (883.7m)

Long.: ~~73° 49' 29.112" (684.7m)~~
73° 47' 19.629" (461.6m)

Adjusted
~~unadjusted~~

Plane Coordinates (IV):

State: N.Y.

Zone: Long Island

Y= 133,329.70

X= 2,058,662.65

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.

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

Not applicable

DATA RECORD

Field Inspection by (II): I. Y. Fitzgerald

Date: Nov. 1947

Planetable contouring by (II):

Date:

Completion Surveys by (II):

*None*Date:

Mean High Water Location (III) (State date and method of location):

Same as date of photographs
supplemented by field inspection
data.

Projection and Grids ruled by (IV): H.R.

Date: 11-14-47

Projection and Grids checked by (IV): T.L. Janson

Date: 11-14-47

Control plotted by (III): F.J. Tarcza

Date: 5-4-48

Control checked by (III): M.F. Kirk

Date: 5-10-48

~~Radial Plot or Stereoscopic~~~~Control extension by (III):~~ F.J. Tarcza

Date: 6-7-48

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): J.D. McEvoy

Date: 3-1-49 to
4-18-49

Photogrammetric Office Review by (III): Joseph W. Vonasek

Date: 4-18-49 to
4-21-49Elevations on Manuscript
checked by (II) (III):

Date:

Camera (kind or source) (III):

U. S. Coast and Geodetic Survey Camera, Type D, focal length 12"

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
47-D-21 to 47-D-25	5-27-47	9.40	1:10,000	0.8' above MLW
47-D-58 to 47-D-64	5-27-47	9.55	1:10,000	0.4' above MLW
49-0-432 to -435	> 4-28-47		1:24,000	
49-0-450 to -452				

*C&GS photographs available in Photogrammetry Div. Files
but not used in this compilation. EHR*

Tide (III)

Reference Station: Sandy Hook
Subordinate Station: East Rockaway Inlet
Subordinate Station: Mott Basin

Ratio of Ranges	Mean Range	Spring Range
1	4.6	5.6
0.9	4.1	5.0
1.2	5.4	6.5

Washington Office Review by (IV): *Everett H. Ramey*

Date: 20 Oct 1949

Final Drafting by (IV): *Baltimore Office*

Date:

Drafting verified for reproduction by (IV): *W.O. Halluin W. Steigler*

Date: 1-25-51

Proof Edit by (IV): *Everett H. Ramey W. Steigler*

Date: 20 Apr 1951

Land Area (Sq. Statute Miles) (III): 9

Shoreline (More than 200 meters to opposite shore) (III): 43.1 statute miles

Shoreline (Less than 200 meters to opposite shore) (III): 48.1 statute miles

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 33

Recovered: 27

Identified: 13

Number of BMs searched for (II):

Recovered:

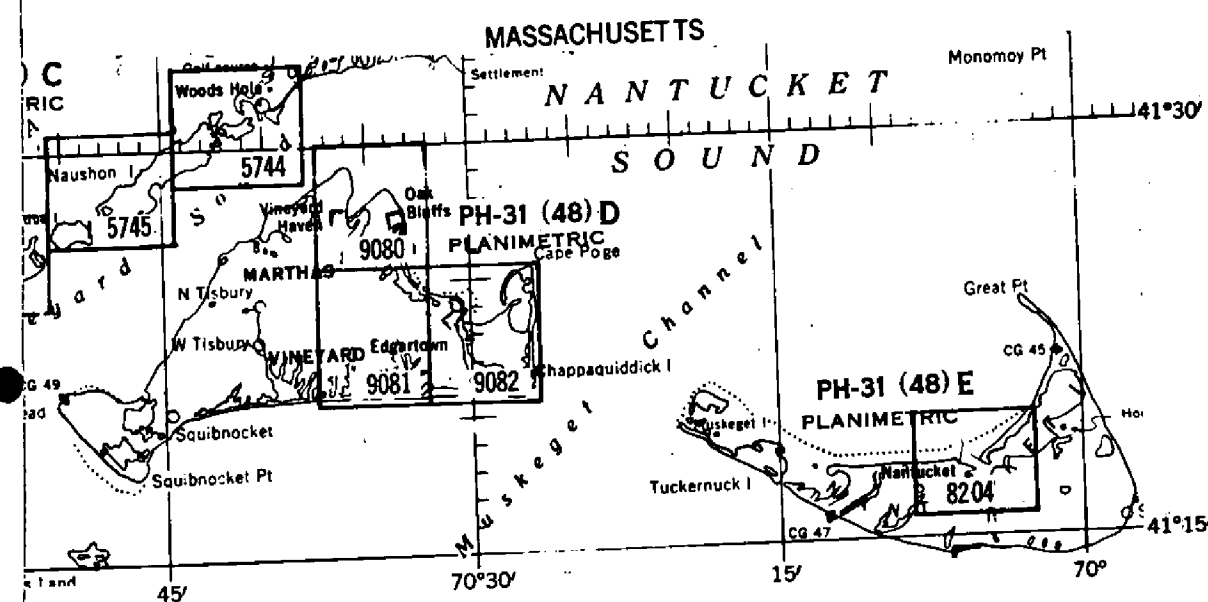
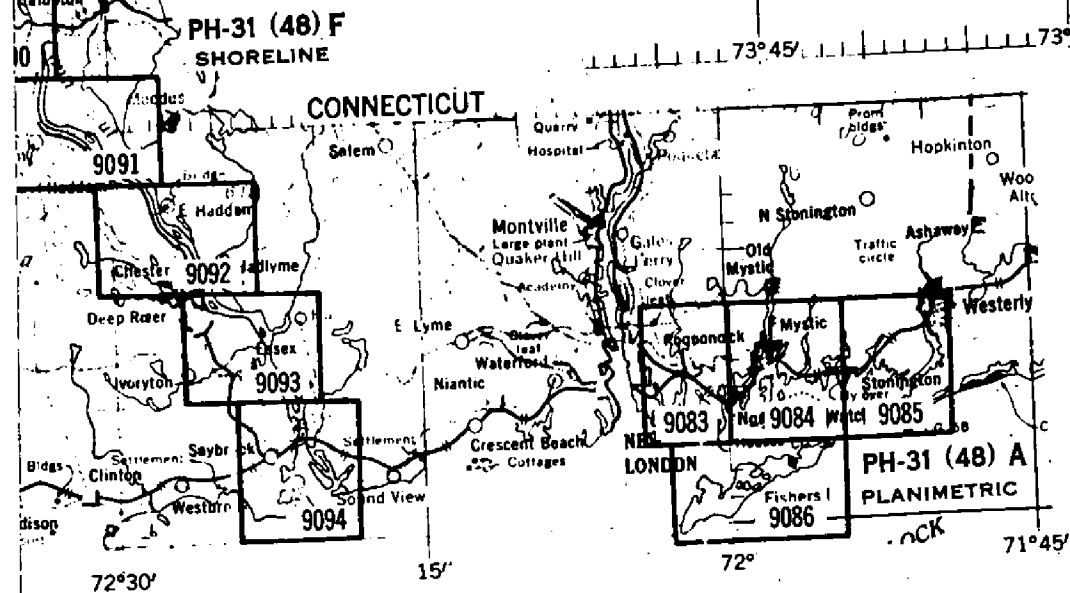
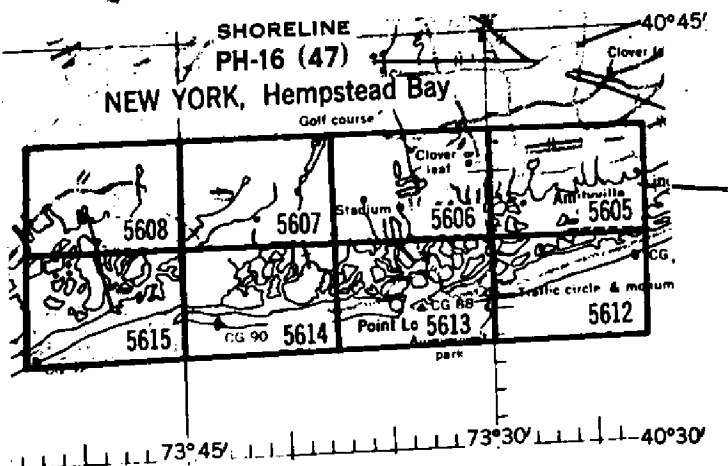
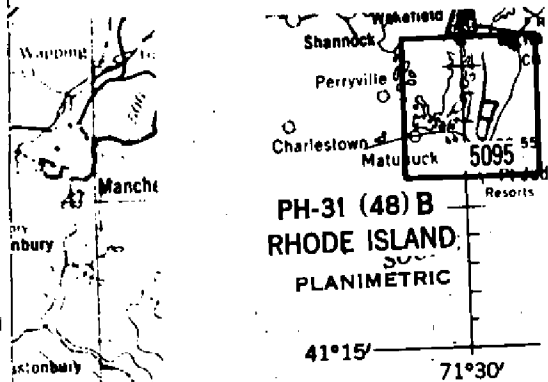
Identified:

Number of Recoverable Photo Stations established (III): 4

Number of Temporary Photo Hydro Stations established (III): 21

Remarks:

ANIMETRIC AND SHORELINE MAPPING PROJECTS PH-16(47) - PH-31(48) A-B-C-D-E-F



6

FIELD INSPECTION REPORT
T-5615
(40-33.75 / 73-45.0)
Project Ph-16 (47)
R.J. Sipe, Chief of Party

This report is for one of eight shoreline sheets comprising Project Ph-16(47). Information contained herein is that which applies, in general, to this sheet alone. *Field Inspection Report, Project Ph-16(47) contains information which applies to the project as a whole; and, to which this report is cross referenced.

** Filed in Div. Photogrammetry General Files.*

1. DESCRIPTION OF THE AREA:

The area of this sheet is the southeastern part of Jamaica Bay, the land on the east and south and the islands of Jamaica Bay.

East Rockaway Inlet in the extreme east section of the sheet affords entrance from the Atlantic Ocean to Hempstead Bay to the east.

Far Rockaway, Avenne, Rockaway Beach, Seaside, Broad Channel and Belle Harbor are residential and resort towns.

2. COMPLETENESS OF FIELD INSPECTION:

See Field Inspection Report, Project Ph-16(47).

3. INTERPRETATION OF THE PHOTOGRAPHS:

See Field Inspection Report, Project Ph-16(47).

4. HORIZONTAL CONTROL:

Five C & G S triangulation stations were recovered and identified as control for the plot. Five additional C & G S triangulation stations were identified as landmarks. Three three-point fixes were made to replace lost control stations desired for plot control.

7. MEAN HIGH WATER LINE:

See Field Inspection Report, Project Ph-16(47).

8. LOW WATER LINE:

See Field Inspection Report, Project Ph-16(47).

9. WHARVES AND SHORELINE STRUCTURES:

See Field Inspection Report, Project Ph-16(47).

10. DETAILS OFFSHORE FROM THE HIGH WATER LINE:

See Field Inspection Report, Project Ph-16(47).

11. LANDMARKS AND AIDS TO NAVIGATION:

Landmarks are adequately discussed in Field Inspection Report, Project Ph-16(47).

There are only two fixed aids to navigation within the limits of this sheet. They were identified on the photographs.

12. HYDROGRAPHIC CONTROL:

Existing horizontal control suitable for hydrographic control was supplemented with twenty-one photogrammetric hydrographic stations. A list of these stations is attached. *See item 35*

15. BRIDGES:

See Field Inspection Report, Project Ph-16(47).

18. GEOGRAPHIC NAMES:

See special Geographic Names Report by Mr. A. J. Wraight, Topographic Engineer.

19. COAST PILOT INFORMATION:

See Field Inspection Report, Project Ph-16(47).

Submitted:
18 November 1947

I. Y. Fitzgerald,
Cartographer

MAP T. 5615

PROJECT NO. PH-16(47)

SCALE OF MAP 1:10,000

SCALE FACTOR none

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
								FORWARD	(BACK)		
FAR ROCKAWAY, DEPT. OF WATER SUPPLY CITY OF N.Y. PLANT SPIRE (1931)	NY-VIC P.92	N.A. 1927	40 36	27.385				844.8	(1006.0)		
FAR ROCKAWAY, HIGHEST NY-LI BUILDING, 1926	P.75	"	73 45	04.439				104.4	(1306.2)		
			40 36	12.482				385.0	(1465.7)		
			73 45	16.196				380.8	(1029.8)		
DUCK POINT, 1903	NY-VIC P.212	"	40 37	17.546				541.2	(1309.5)		Sta destroyed.
			73 51	00.482				11.3	(1399.0)		Removed from manuscript. EWR
SUB. PT.			40 37					523.9	(1326.8)		Radial plot point.
DUCK POINT, 1903	comp.	"	73 50					1405.9	(4.4)		Removed from manuscript. EWR
TANGENT (USE) 1934	G-4352 P243	"	40 35	10.178				314.0	(1536.8)		
			73 45	15.644				367.9	(1043.1)		
BULKHEAD (USE) 1934	G-4352 P-243	"	40 35	31.675				977.0	(873.7)		
			73 45	17.474				410.9	(1000.0)		
EDGEWATER HOTEL, 1903	G-1228 P.227	"	40 35	30.531				941.8	(909.0)		
			73 46	04.000				94.1	(1316.8)		
SUB POINT BULKHEAD (USE) 1934	comp.	"	40 35					995.8	(854.9)		
			73 45					396.6	(1014.3)		
SUB POINT 5615-2 (3 pt.)	"	"	40 37					756.8	(1093.9)		
			73 47					992.0	(418.2)		Supplemental
5615-2 (3 pt.)	"	"	40 37	24.980				770.5	(1080.2)		Control for
			73 47	42.279				993.7	(416.5)		radial plot
SUB POINT 5615-3 (3 pt.)	"	"	40 36					116.4	(1734.4)		use. Removed
			73 49					619.1	(791.6)		from manuscript.
5615-3 (3 pt.)	"	"	40 36	04.129				127.4	(1723.4)		EWR
			73 49	27.101				637.2	(775.5)		

1 FT. = .3048006 METER
COMPUTED BY: J.C. Richter

DATE 4/21/48

CHECKED BY: M.F. Kirk

DATE 29 April 1948

M-2388-12

8

MAP T.....5615

PROJECT NO.....PH-16(47)

SCALE OF MAP.....1:10,000

SCALE FACTOR.....none

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)
TALLER TANK (NY) 1930	NY VIC P. 12	N.A. 1927	40 33 59.163			1824.9 (25.8)	off manuscript
ROCKAWAY POINT, COAST GUARD STATION Pg. 89 NO. 92 Cupola, 1919	NY Vic	"	73 53 30.743			723.2 (688.2)	off manuscript
ROCKAWAY POINT BLIMP HANGAR, 1930	NY-VIC P. 89	"	40 33 46.680			1439.8 (410.9)	off manuscript
ROCKAWAY BEACH, CHILDREN'S HOSPITAL P 88 TANK, 1919	NY-VIC	"	73 52 51.502			1211.6 (200.0)	off manuscript
WEST FRONT RANGE, 1919	G-6812 P 250	"	40 33 48.449			1494.4 (356.3)	off manuscript
WEST REAR RANGE, 1919	G-4443 P 177	"	73 53 41.804			983.4 (428.1)	off manuscript
BELLE HARBOR CHURCH, 1908	NY-Vic Pg 17	"	40 34 04.200			129.5 (1721.2)	Sta. lost. off
SEASIDE, JAMAICA WATER SUPPLY CO. STANDPIPE, 1931	NY-Vic Pg. 91	"	73 51 56.511			1002.3 (847.4)	off manuscript
SEASIDE, 1932	NY-VIC P. 4	"	40 33 32.528			685.4 (726.2)	off manuscript
HAMMELS INCINERATOR NO. 5 CHIMNEY, 1931	NY-VIC P. 91	"	73 53 29.131			1567.2 (283.5)	off manuscript
ROCKAWAY BEACH, ST. ROSE OF LIMA CATHOLIC LIC CH.N. TWIN STEEPLE 1931	NY-Vic	"	40 33 50.810			891.7 (520.3)	off manuscript
			73 53 37.884			1037.2 (813.5)	
			40 34 33.626			1302.8 (108.4)	
			73 50 55.388			1643.4 (207.3)	
			40 34 53.279			1335.6 (75.6)	
			73 49 56.787			173.6 (1677.1)	
			40 35 05.628			684.7 (726.4)	
			73 49 29.112			914.2 (936.5)	
			40 35 29.639			557.6 (853.3)	
			73 48 23.713			313.5 (1537.2)	
			40 35 10.163			842.3 (568.7)	
			73 48 35.817				

1 FT. = 3048008 METER

COMPUTED BY: J.C.Richter

DATE 4/21/48

CHECKED BY: M.F.Kirk

DATE 29 April 1948

M-2388-12

MAP T. 5615

PROJECT NO. PH-16(47)

SCALE OF MAP 1:10,000

SCALE FACTOR none

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR LONGITUDE OR ψ -COORDINATE	DISTANCE FROM GRID OR PROJECTION LINE IN METERS (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)
ROCKAWAY BEACH ST. ROSE OF LIMA CATHOLIC CH. S. TWINSTEPPLE, 1931	N.Y.-VIC G-4443 P. 175	N.A. 1927	40 35 09.691			298.9 (1551.8)	
PUBLIC SCHOOL NO. 42 1931	G-2477 P. 72	"	73 48 35.768			841.2 (569.9)	
ARVERNE, 1940	G-4443 P. 175	"	40 35 39.672			1223.7 (627.0)	
5615-1 (3 pt)	comp.	"	73 47 43.455			1021.8 (389.1)	
JAMAICA BAY, W.A.B.C. N. RADIO TOWER, 1931	NY-Vic P. 90	"	40 35 28.648			883.7 (967.0)	
JAMAICA BAY, W.A.B.C. S. RADIO TOWER, 1931	"	"	73 47 19.629			461.6 (949.4)	
MOTTS POINT, HEIN-4	"	"	40 37 11.577			357.1 (1493.7)	Radial plot control. Removed from manuscript. EIR
SHEIMER MEM. HOSP. FOR JOINT DISEASES. F.P. 1931	"	"	73 52 18.051			424.3 (986.0)	Towers destroyed only piers remain. EIR
INWOOD, NORTH TRANS- MISSION TOWER, 1931	"	"	40 37 30.620			944.5 (906.2)	
FAR ROCKAWAY, S TRANSMISSION TOWER, 1931	"	"	73 49 41.695			980.0 (430.2)	
INWOOD GAS TANK, 1926	"	"	40 37 28.222			870.5 (980.2)	
FAR ROCKAWAY, QUEENS BORO GAS AND ELECTRIC CO. TALL STACK 1926	"	"	73 49 41.007			963.8 (446.4)	
	"	"	40 36 44.031			1358.2 (492.5)	
	"	"	73 46 27.468			645.7 (764.7)	
	"	"	40 36 45.852			1414.4 (436.4)	
	"	"	73 45 40.435			950.5 (459.9)	
	"	"	40 36 39.032			1204.0 (646.7)	
	"	"	73 45 43.473			1022.0 (388.5)	
	"	"	40 36 47.629			1469.2 (381.5)	
	"	"	73 45 17.130			402.7 (1007.8)	
	"	"	40 36 32.254			994.9 (855.8)	
	"	"	73 45 41.774			982.1 (428.5)	

1 FT. = .3048006 METER
COMPUTED BY: J.C. Richter

DATE 4/21/48

CHECKED BY: M.F. Kirk

DATE 29 April 1948

M-2388-12

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COMPILATION REPORT

SHORELINE MANUSCRIPT

SURVEY NO. T-5615

Manuscript T-5615 is one of eight shoreline surveys in Project No. PH-16(47) Long Island. This manuscript covers the area along the Atlantic shoreline known as Rockaway Beach. Compilation instructions for this project dated March 2, 1948 have been complied with.

26. CONTROL

For the layout of control on this manuscript refer to the radial plot report. A list of control stations is included in this report on Form M-2388-12.

27. RADIAL PLOT

Refer to the radial plot report for surveys T-5607, 5608, 5614, and 5615 submitted to the Washington Office June 23, 1948, *General Files, Div. of Photogrammetry.*

28. DELINEATION

Compilation is in accordance with Photogrammetry Instructions No. 17 dated September 15, 1947. *Office Files, Div. Photogr.*

Limits of areas of marsh, high ground and interpretation of other inland features were determined after careful stereoscopic examination of the photographs.

Field inspection was adequate for the area covered by this survey.

The western and southwestern part of this survey was not delineated due to lack of photographic coverage.

30. MEAN HIGH WATER LINE

Delineation of the mean high water line is in accordance with field identification.

31. MEAN LOW WATER LINE

Subject to change or verification by hydrographic surveys. EHR
~~Only that portion of the MLWL identified by field inspection was delineated.~~

32. DETAILS OFFSHORE FROM THE MHWL

Delineated in accordance with field identification and stereoscopic examination. *See Review Report. EHR*

33. WHARVES AND SHORELINE STRUCTURES

No comment. *Shown as field inspected and office interpreted. EHR*

- 7 -

34. LANDMARKS AND AIDS TO NAVIGATION

Delineated on the manuscript in accordance with field identification. Refer to form 567 submitted with this report. Twelve landmarks were recommended by the field party, ten of which were previously located, and two of which were located by radial plot. *See Review Report, ENR*

35. HYDROGRAPHIC CONTROL

Item 34

21 photo-hydro stations were located and delineated in accordance with field identification. A list of descriptions for these stations is attached to this report. Two copies of this list are being furnished for use of the hydrographic party. *Most of these stations were located by only two radial cuts. Five stations had been previously located by plane table methods on T-62002 (see attached list). ENR*

37. GEOGRAPHIC NAMES Geographic names were taken from the final name standard furnished by the Washington Office. A list of names is attached to this report. The standard indicated the use of "Green Point" for two places on the south end of Broad Creek Marsh. Only one was shown on the manuscript. *Manuscript changed to agree with Geographic Names Section's records. ENR*

39. JUNCTIONS

Junctions with Survey T-5608 to the north and with Survey T-5614 to the east were made and are in good agreement. No contemporary survey to the south or west. *Atlantic Ocean to the south. ENR*

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

This manuscript was compared with U. S. Army Engineers quadrangle Far Rockaway, N.Y., scale 1:25,000, published in 1943, and is in good agreement.

44A. COMPARISON WITH EXISTING PLANIMETRIC SURVEYS

Comparison was made with Surveys Nos. T-5063, T-5093, T-5094 and T-5336, scale 1:10,000. Considering the changeability of the area, they were in fair agreement. Canarsie Pol seems to be larger due to the dredging operations. In the vicinity of Big Egg Marsh in The Raunt there is a large area of sand, bare at MHW which does not appear on the older surveys. *Probably due to misinterpretation. ENR*

45. COMPARISON WITH EXISTING NAUTICAL CHARTS

This manuscript was compared with U. S. Coast and Geodetic Survey Chart No. 542, scale 1:20,000 published May 1944. Minute comparison was not made but the two surveys appear to be in good agreement.

The following topographic information shown on Survey T-5615 is of sufficient importance to warrant immediate application to the chart:

None.

-8-


45. COMPARISON WITH EXISTING NAUTICAL CHARTS (Continued)

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


None.

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


Respectfully submitted
22 April 1949


Joseph D. McEvoy
Engineering Draftsman


Photogrammetric Office Reviewer


Supervisor

Approved and forwarded
April 1949


Officer in Charge
Baltimore Photogrammetric Office

GEOGRAPHIC NAMES

- ~~Arverne~~
- ~~Atlantic Ocean~~
- ~~Barbadoes Basin~~
- ~~Bass Channel Island~~
- ~~Bass Channel~~
- ~~Beach Channel~~
- ~~Big Egg Marsh~~
- ~~Big Fishkill Channel~~
- ~~Big Mucks Creek~~
- ~~Black Bank Marsh~~
- ~~Black Point~~
- ~~Black Wall Channel~~
- ~~Black Wall Marsh~~
- ~~Brant Point~~
- ~~Broad Channel (town)~~
- ~~Broad Channel~~
- ~~Broad Creek Marsh~~
- ~~Canarsie Pol~~
- ~~Christianpol Marsh~~
- ~~Conchs Hole Point~~
- ~~Cross Bay Boulevard~~
- ~~Duck Creek~~
- ~~Duck Creek Marsh~~
- ~~Duck Point~~
- ~~Duck Point Marshes~~
- ~~East High Meadow~~
- ~~East Rockaway Inlet~~
- ~~Edgemere~~
- ~~Far Rockaway~~
- ~~Grant Bar Marsh~~
- ~~Goose Pond~~
- ~~Goose Pond Marsh~~
- ~~Grass Hassock~~
- ~~Grass Hassock Channel~~
- ~~Green Point~~
- ~~Hammel~~
- ~~Hassock Creek~~
- ~~Holland~~
- ~~Horse Channel~~
- ~~Inwood~~
- ~~Inwood Country Club~~

• ~~Jamaica Bay~~

- ~~Jacks Hole Creek~~
- ~~Jo Co Creek~~
- ~~Jo Co Marsh~~

• ~~Little Bay~~• ~~Little Bay Marsh~~• ~~Little Egg Marsh~~• ~~Long Bar~~• ~~Long Island R.R.~~• ~~Mott Basin~~• ~~Motts Point~~• ~~Nigger Bar~~• ~~Nigger Bar Channel~~• ~~Northwest Point~~• ~~Norton Basin~~• ~~Pumpkin Patch Channel~~• ~~Rockaway Airport~~• ~~Rockaway Beach~~• ~~Rockaway Park~~• ~~Rulers Bar~~• ~~Rulers Bar Hassock~~• ~~Seaside~~• ~~Silver Hole Marsh~~• ~~Sloop Bar Hassock~~• ~~Sommerville Basin~~• ~~Stony Creek Marsh~~• ~~Stony Point~~• ~~Straight Creek~~• ~~Swift Creek~~• ~~The Raunt (town)~~• ~~The Raunt~~• ~~Vernam Basin~~• ~~Winhole Hassock~~• ~~Winhole Point~~• ~~Yellow Bar Hassock~~

Removed from manuscript.
Accuracy of detailing ~~QMR~~
questioned.

Names preceded by • are
approved. 6-28-49.

L. Heck

PHOTOGRAMMETRIC HYDROGRAPHIC STATIONS

T - 5615

No.	Photo. No.	Description
1501	47-D-59	Chy., north end of club house.
1502	-59	Brick stack
1503	-59	Corner of bulkhead
1504	47-D-62	Chy., end house
1505	-62	Flag pole
1506	-62	Signal light support, center of draw span. <i>(Shown on T-62002 and Form 524 as Center of RR Br.)</i> ^{ENR}
1507	-62	Church spire <i>(Also Church Spire on T-62002 and Form 524)</i> ^{ENR}
1508	47-D-64	South gable, white house, green roof
1509	-64	NW corner of bulkhead
1510	47-D-24	Chy., school building
1511	-24	Chy., apartment house ✓
*1512	47-D-22	Center of switch house <i>(Shown on T-62002 and Form 524 as Top Signal House)</i> ^{ENR}
1513	-22	NW corner of pier
*1514	-22	Tank, small, bright, atop building <i>(Shown on T-62002 and Form 524 as Tank)</i> ^{ENR}
1515	-22	Stack, Rockaway Beach Hospital
1516	-22	West gable, yellow house
1517	-22	Chy., two-story house
1518	47-D-21	Cupola on round building ✓
1519	-21	Spire ✓
1520	-21	Tower, Playland Roller-Coaster ✓
*1521	-21	Tower, pseudo light house <i>Shown on T-62002 as Small L.H.</i> ^{ENR}

* Position changed ^{on manuscript} to agree with that obtained by T-62002, since there were only two cuts taken for this compilation. ^{ENR}

Review Report
Shoreline Survey T-5615
20 Oct. 1949

34. Landmarks and Aids to Navigation.--A new landmark, Tank (elev), is indicated on chartlet, No. 6 of 7, included with Nautical Chart Letter No. 787. It is not listed on Form 567, accompanying Letter No. 787, and is not indicated on field inspection photographs. However, an elevated tank was interpreted on photograph 47D-21 and is shown on the manuscript with as much accuracy as could be obtained with only one photograph. It does not necessarily meet the accuracy requirements for landmarks.

East Rockaway Inlet Lt. No. 9, 1947, East Rockaway Inlet Breakwater Lt., 1947 and Lookout Tower, 1947 were each located by two radial cuts. They do not necessarily meet the accuracy tolerance of 0.3 mm., but it is believed that they are located with sufficient accuracy for future nautical charts compilations at scales smaller than 1:10,000.

Landmark "Stack, red brick, P.S. 42, 1934, 1947" was located on this sheet by only two cuts. Its position, as determined, disagrees with that shown on T-6200a by about 0.5 mm. Investigation shows that Public School No. 42, 1931 is wrong in position on T-6200a, similar in direction and amount to the disagreement in the landmark's position. It is believed that this accounts for the discrepancy and that T-5615 should be considered as correct.

44. Comparison with Existing Maps

A. Quadrangle

Far Rockaway, N.Y. (C. of E.) 1:25,000 1943

B. Planimetric

T-5336	1:10,000	1933-34
T-5063	"	1933-34
T-5093	"	1933-34
T-5094	"	1933-34
T-3476	"	1914
T-3478	"	1914
T-4408	"	1928
T-4325	"	1927
T-4326	"	1927
T-2871	"	1908
T-2975	"	1909-10
T-4225	"	1926
T-1471b	"	1879
T-1482a&b	"	1878
T-1448a&b	1:5,000	1877
T-4	1:20,000	1835
T-535	1:20,000	1855-6

T-5615 supersedes these surveys for nautical charting purposes

45. Comparison with Existing Nautical Charts

542 1:20,000 March 1944

Several wrecks shown on Chart 542 were not field inspected. A submerged cable and a submerged pipeline are incomplete on this sheet. Two cable areas, shown on Chart 542, were not field inspected. Two transmission towers in Mott Basin are given as landmarks without giving overhead clearance. These items should be investigated during hydrographic surveys.

47. Adequacy of the Compilation.--This compilation is adequate for the shoreline and areas immediately adjacent. It meets the National Standards of Map Accuracy and complies with project instructions. Details below the plane of MHW are subject to change or verification by hydrographic surveys.

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