

5614

Diag. 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 (47) Office No. T-5614

LOCALITY

State NEW YORK

General locality LONG ISLAND

Locality FAR ROCKAWAY TO LIDO BEACH

1947

CHIEF OF PARTY

R. J. Sipe, Chief of Field Party

T. B. Reed, Baltimore Photo. Office

LIBRARY & ARCHIVES

DATE July 18, 1951

5614

DATA RECORD

T -5614

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, Md.

Officer-in-Charge: Thos. B. Reed

Instructions dated (II) (III):
PH-16(47) 10 Sept. 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) 4-18-49 Date reported to Nautical Chart Branch (IV): 4-25-49

Applied to Chart No. 579
542

Date: May 1949
June 1949 (exam)

Date registered (IV): 26 Jan 1950

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III): M.H.W.

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): HICKS, 1926

Lat.: 40°35'38.992" (1202.7m)

Long.: 73°41'20.686" (486.4m)

Adjusted
Coordinates

Plane Coordinates (IV):

State: N.Y.

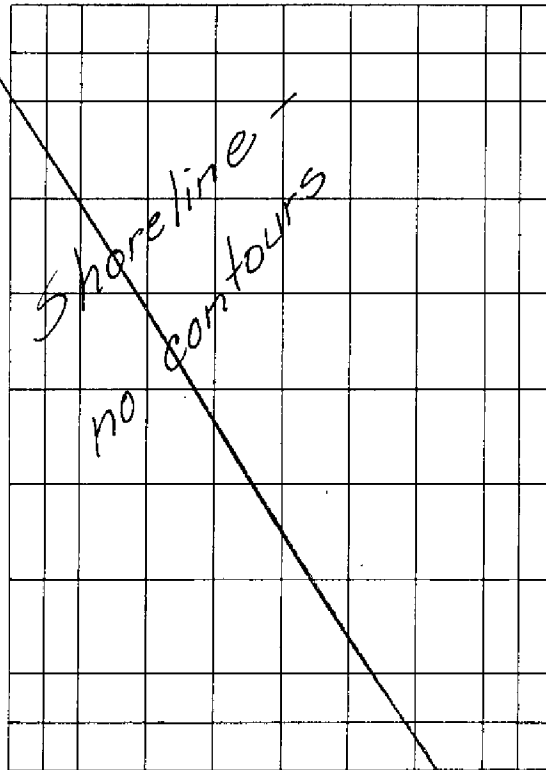
Zone: Long Island

Y= 134,459.04

X= 2,086,351.29

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)

DATA RECORD

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

Date: September 1947

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): Same as date of photographs supplemented by field inspection.

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: 5/7/48

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

Date: 5/10/48

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

Date: 6/15/48

Planimetry
Stereoscopic Instrument compilation (III):
Contours

Date:

Date:

Manuscript delineated by (III): J. Council

Date: 12/30/48 to
3/25/49

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

Date: 3/28 to 4/15/49

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

Date:

Camera (kind or source) (III): U. S. Coast and Geodetic single-lens camera,
Type D, focal length 12".

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
47 D 25 to 47 D 31	5/27/47	0940	1:10,000	1.3' above MLW
47 D 54 to 47 D 58	5/27/47	0955	1:10,000	0.3' above MLW
47 D 165 to 47 D 167	5/27/47	1050	1:10,000	1.0' above MLW

49-0-436 to
-439
(4445)

1:24000

{Photographs available
in Photogrammetry Div.
Files but not used in
this compilation. EHR

Tide (III)

Reference Station: Sandy Hook, N. J.
Subordinate Station: Long Beach - outer coast.
Subordinate Station: Long Beach - Hempstead Bay
East Rockaway, East Rockaway Channel
Washington Office Review by (IV): *Everett H. Ramey*

Ratio of Ranges	Mean Range	Spring Range
1.0	4.6	5.6
1.0	4.5	5.4
0.8	3.9	4.7

0.8 3.9 4.7
Date: 30 Oct 1949

Final Drafting by (IV): *Baltimore Office*

Date:

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

Date: 1 - 29 - 51

Proof Edit by (IV): *W. Streifler*

Date: 5/3 51

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

14

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

32 statute miles

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

41 " "

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 27

Recovered: 24

Identified: 13

Number of BMs searched for (II):

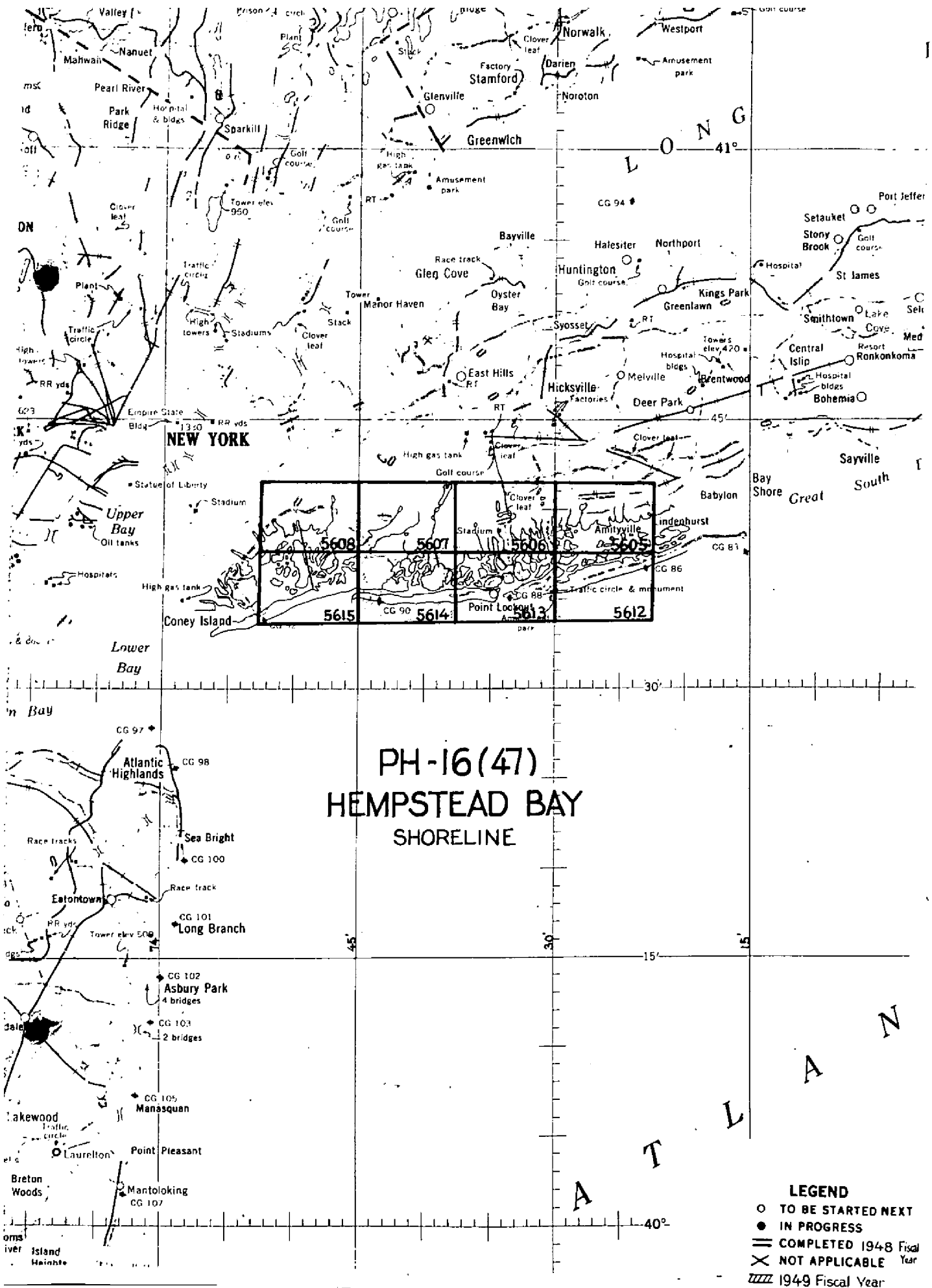
Recovered:

Identified:

Number of Recoverable Photo Stations established (III): None*

Number of Temporary Photo Hydro Stations established (III): 58

Remarks: * Number of previously established Recoverable Topographic Stations
searched for - 15.
Recovered - 14
Identified - 3



MAP T. 5614

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 χ -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)
✓ LONG BEACH, WATER TANK, 1934	G-4443 P-99	N.A. 1927	40° 35' 37.427 73 39 39.825			1154.5 (696.2) 936.4 (474.4)	
✓ LONG BEACH, GAS HOLDER, 1934 1926	G-4352 P-83	"	40 35 38.272 73 39 30.688			1180.5 (670.2) 721.6 (689.2)	
✓ LONG BEACH, FRANKLIN HOTEL, TANK, 1934	G-4352 P-83	"	40 34 59.984 73 38 58.776			1850.3 (0.4) 1382.3 (28.8)	
✓ GAS, 1940	G-4443 P-175	"	40 35 37.661 73 39 31.457			1161.7 (689.0) 739.7 (671.2)	
✓ LONG BEACH, 1940	G-4443 P-175	"	40 35 03.876 73 38 46.688			119.6 (1731.1) 1098.0 (313.1)	
✓ LONG BEACH, R.M. NO. 1, 1940	G-4443 P-175	"	40 35 04.496 73 38 46.486			138.7 (1712.0) 1093.3 (317.8)	
✓ LIDO, EAST TWIN TOWER, 1933	N.Y.L.I. P-71	"	40 35 05.198 73 38 12.390			160.3 (1690.4) 291.4 (1119.7)	
✓ LIDO, WEST TWIN TOWER, 1933	N.Y.L.I. P-71	"	40 35 04.903 73 38 14.108			151.2 (1699.5) 331.8 (1079.2)	
✓ INWOOD, ST. PAUL'S METHODIST PROTESTANT CH. SPIRE, 1926	N.Y.VIC P-92	"	40 36 56.011 73 44 43.900			1727.7 (123.0) 1031.9 (378.5)	
✓ RAIL, 1909	N.Y.L.I. P-54	"	40 36 49.997 73 37 40.538			1542.2 (308.5) 952.9 (457.5)	Sta destroyed RM No. 1 plotted. 8/12
✓ SWAMP, 1926	N.Y.L.I. P-54	"	40 36 15.007 73 41 06.348			462.9 (1387.8) 149.2 (1261.4)	
✓ SUB-POINT-SWAMP 1926	Field data	"	40 36 73 41			471.6 (1379.1) 203.6 (1207.0)	Radial plot control

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

DATE 4/19/48

CHECKED BY: M.F.K.

DATE 26 April 1948

M. 2388-12

MAP T. 5614

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 λ -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)	FORWARD	(BACK)
LONG BEACH, 1934	G-4352	N.A.	40°	35'	33.112			1021.4	(829.3)		
	P-80	1927	73	44	26.991			634.7	(776.2)		
	N.Y.VIC		40	35	12.158			375.1	(1475.6)		
	CASA DEL MAR	"	73	44	07.919			186.3	(1224.7)		
HOTEL CUPOLA, 1931	P-92	"	40	35	10.050			310.0	(1540.7)		
CLUB, 1934	G 4352	"	73	43	22.405			526.9	(884.1)		
CUPOLA, RED ROOF-ED HOUSE, 1926	P-242	"	40	35	41.373			1276.2	(574.5)		
LAWRENCE, WHITE HOUSE CUPOLA	N.Y.L.I	"	73	43	23.127			543.8	(867.1)		
APEX, 1934	P-77	"	40	35	43.70			1348.0	(502.7)		
LAWRENCE, BRICK TOWER, WINDMILL	G-4352	"	73	43	29.27			688.3	(722.6)		
ON TOP, 1934	P-82	"	40	35	51.42			1586.1	(264.6)	Removed from manuscript. See recovery note. EHR	
LONG BEACH, WEST END SCHOOL	G-4352	"	73	43	38.70			910.0	(500.9)		
CHIMNEY, 1926	P-82	"	40	35	13.893			428.5	(1422.2)		
LONG BEACH FIRE ENGINE HOUSE	N.Y.L.I.	"	73	41	48.166			1132.7	(278.3)		
TOWER, 1926	P-75	"	40	35	10.015			308.9	(1541.8)		
HICKS, 1926	P-74	"	73	41	29.152			685.6	(725.4)		
BELL, 1926	N.Y.L.I.	"	40	35	38.992			1202.7	(648.0)		
LONG BEACH CITY	P-75	"	73	41	20.686			486.4	(924.5)		
HALL, 1926	N.Y.L.I.	"	40	35	49.736			1534.2	(316.5)	Sta. destroyed. Rm. No. 1 plotted. See below. EHR	
LONG BEACH,	P-75	"	73	40	25.222			593.0	(817.8)		
STANDPIPE, 1934	P-74	"	40	35	20.409			629.5	(1221.2)		
	G-4443	"	73	40	00.472			11.1	(1399.9)		
	P-99	"	40	35	36.833			1136.2	(714.5)		
		"	73	39	40.628			955.3	(455.6)		

1 FT. = 3048006 METER

COMPUTED BY: J. C. Richter

DATE 4/19/48

CHECKED BY: M.P.K.

DATE 26 April 1948

M-2388-12

None

FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	FORWARD	(BACK)
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control for radial plot

1000000

DATE 26 April 1948

M-2388.12

RECOVERABLE TOP STATIONS

MAP T 5614

PROJECT NO. PH 16(17)

SCALE OF MAP 1:10,000

SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
	Form	N.A.	40° 35'					1277	(574)		
CHY, (HOUSE) 1934 HIGHEST	No. 524	1927	73 38					480	(931)		
FLAGPOLE, 1934	"	"	40 35					16	(1835)		
TANK ON ROOF 1934	"	"	73 39					910	(501)		
	"	"	40 35					96	(1755)		
	"	"	73 39					281	(1130)		
BRIDGE NORTH (U.S.E.) 1934	"	"	40 35					1263.2	(587.5)		
BRIDGE SOUTH (U.S.E.) 1934	"	"	73 44					266.8	(1144.1)		
	"	"	40 35					1032.3	(818.3)		
	"	"	73 44					312.6	(1098.5)		
TURRET (S.W. CORNER OF HOUSE), 1934	"	"	40 35					841.1	(1009.6)		
CHIMNEY ON HOUSE, 1934	"	"	73 44					22.6	(1388.4)		
	"	"	40 35					689.0	(1161.7)		
	"	"	73 43					681.3	(729.7)		
CHIMNEY ON HOUSE, 1934	"	"	40 35					172.3	(1678.4)		
	"	"	73 42					772.6	(638.5)		
WEST GABLE OF HOUSE (NORTH END) 1934	"	"	40 35					591.6	(1259.1)		
	"	"	73 42					525.3	(885.7)		
GABLE (SOUTHEAST) 1934	"	"	40 35					102.6	(1748.1)		
	"	"	73 42					193.8	(1217.3)		
BELFREY (SOUTH END) OF (THE PEOPLES CHURCH) 1934	"	"	40 35					558.1	(1292.6)		
	"	"	73 41					648.4	(762.6)		
PEAK OF PYRAMID ROOF, 1934	"	"	40 35					715.7	(1135.0)		
	"	"	73 41					162.8	(1248.2)		

5614.

PROJECT NO. PH.

PH 16(117)

SCALE OF MAP

1:10,000

SCALE FACTOR

1.000

RECOVERABLE PO STATIONS

STATION

CHIMNEY WEST END
OF HOUSE, 1934

**SOURCE OF
INFORMATION
(INDEX)**

NA.

1927

LATITUDE OR *y*-COORDINATE
LONGITUDE OR *x*-COORDINATE

10° 35'

07
73

DISTANCE FROM GRID IN FEET.
OR PROJECTION LINE IN METERS

FORWARD (BACK)

N.A. 1927 - DATUM

DISTANCE
FROM GRID OR PROJE
IN METERS

FORWARD

**FACTOR DISTANCE
FROM GRID OR PROJECTION LINE
IN METERS**

FORWARD (BACK)

1 FT. - 3048006 MEYER

COMPUTED BY: J.C. Richter

DATE 4/22/18

CHECKED BY: M. F. K.

DATE 3 May 1948

M. 2388-12

FIELD INSPECTION REPORT
T-5614
(40-33.75 / 73-37.50)
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.

Project report filed in Div. of Photogrammetry General File

1. DESCRIPTION OF THE AREA:

The water area of the north half of this sheet is the western section of Hempstead Bay and the Atlantic Ocean in the southern half.

The land area is comprised of part of the mainland, the barrier beach just east of East Rockaway Inlet and numerous marsh islands in Hempstead Bay.

There are three resort towns on the barrier beach, Lido beach, Long Beach and Atlantic Beach. Inland there are Lawrence, Island Park and a part of Far Rockaway, Inwood and Cedarhurst.

2. COMPLETENESS OF FIELD INSPECTION:

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

3. INTERPRETATION OF THE PHOTOGRAPHS:

*Div. Photog.
Gen. Files*

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

4. HORIZONTAL CONTROL:

Seven C & G S triangulation stations were recovered and identified for control of the plot. Six additional C & G S triangulation stations were recovered and identified as landmarks.

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:

In East Rockaway Inlet there are ruins which can be compiled from the photographs. To the west of these ruins are five piles in line normal to the axis of the channel. These were located by a three point sextant fix. Near the east end of these ruins is a dark submerged object. No definite information concerning this object could be found. Hydrographic party should investigate.

11. LANDMARKS AND AIDS TO NAVIGATION:

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

East Rockaway Inlet No. 11, Light List No. 1078 is the only fixed aid to navigation identified.

12. HYDROGRAPHIC CONTROL:

In addition to existing triangulation, thirteen recoverable hydrographic and topographic stations established in 1933-34 were recovered and fifty-six photogrammetric hydrographic stations were established. A list of the photogrammetric hydrographic stations is attached.

No recoverable topographic stations were established.

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. *Filed in Div. of Charts, Geographic Names Section.*

19. COAST PILOT INFORMATION:

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

Submitted:
18 November 1947

I. Y. Fitzgerald,
Cartographer

COMPILATION REPORT

SHORELINE MANUSCRIPT, SURVEY T-5614

Manuscript T-5614 is one of eight shoreline surveys in Project No. PH-16(47). It covers the area along the south shore of Long Island from Far Rockaway to Lido Beach. Compilation instructions for this project dated 2 March 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 No. T-5607, T-5608, T-5614 and T-5615 submitted to the Washington office, 23 June 1948.

ATLANTIC BEACH, CASA DELMAR HOTEL CUPOLA, 1931. The radially plotted position falls 1.0 mm. north-northeast of its geographic position. The geographic position of this station falls almost on a small tower south of, and higher than, the main penthouse which is described for the station. Since there is sufficient other control which has held in the area of this station, it is believed that the small tower and not the main penthouse is the correct location of the station. The position should be checked by hydrographic party. See note by WDS. p.3 of Radial Plot Report for T-5607, T-5608, T-5614 and T-5615. *ENTR*

*Filed in
Div. of
Photography
General Files.*

28. DELINEATION

Compilation is in accordance with Photogrammetry Instructions No. 17 dated 15 September 1947.

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

Field inspection was adequate for the area covered by photographs. Except in a few instances, ^{jetty}groins were not broken to indicate parts below MEW since that information was not furnished by the field party.

Inland features, as shown on Chart No. 579, are revised by this compilation. ENTR

29. SUPPLEMENTAL DATA

Street and Road Map of Nassau County, N. Y., published by Hagstrom Company, New York.

30. MEAN HIGH WATERLINE

Delineation of the MHWL is in accordance with field inspection.

31. MEAN LOW WATER LINE

MLWL, as shown, is approximate in all instances. ENR
~~Only that part of the MLWL identified by the field inspector was delineated.~~

32. DETAILS OFFSHORE FROM THE MEAN HIGH WATER LINE

See Review Report, ENR

Delineated in accordance with the field identification.

In East Rockaway Inlet, southwest of East Rockaway Inlet Lt. No. 11, the center point of five piles in line normal to the axis of the channel was located on the manuscript by a three-point fix using the data given in the Field Inspection Report.

33. WHARVES AND SHORELINE STRUCTURES

Several structures, field identified as jetties, were shown as groins on this manuscript. They are believed to be erroneously labeled by the field party. *Legend changed to jetty in every instance, "jetty" being a general and inclusive term. ENR*

34. LANDMARKS AND AIDS TO NAVIGATION

Eleven previously charted and three new landmarks recommended for charting by the field party were located on the manuscript. The positions of three landmarks are reported on Form No. 567 submitted with this report. One previously charted nonfloating aid identified by the field party has been plotted on the manuscript and is reported on Form No. 567 which is being submitted with this report. This fixed aid is East Rockaway Inlet No. 11. One of the new landmarks, TANK ELEV (125' high) 1947, ~~appears to have~~ ^{plots at} the same position as station LONG BEACH, 1940. See Form No. 526, Recovery Note, for station LONG BEACH. R.M. No. 1, 1940.

35. HYDROGRAPHIC CONTROL

Fifty-eight photo hydro stations were located and delineated in accordance with field identification. A descriptive list of these stations is attached to this report. Two copies of this list are being furnished for use of the hydrographic party.

37. GEOGRAPHIC NAMES

Geographic names were taken from the final name standards furnished by the Washington office - a list of names is attached to this report. *Approved by Geographic Names Section, Div. of Charts*

39. JUNCTIONS

Junction was made with Survey No. T-5607 to the north, T-5615 to the west and with T-5613 to the east and found to be in agreement. To the south are the project limits in an all-water area.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

This manuscript was compared with War Dept. Corps of Engineers U. S. Army "Lawrence" Quadrangle, scale 1:25,000 dated 1943. Considering the changeability of the area the two surveys were in fair agreement.

44.A. COMPARISON WITH EXISTING PLANIMETRIC SURVEYS

Comparison was made with U. S. Coast and Geodetic Surveys Nos. T-5062, T-5063, T-5064 and T-5336, scale 1:10,000, and found to be in good agreement generally except for some shifting of MHWL.

45. COMPARISON WITH EXISTING NAUTICAL CHARTS

Comparison was made with U. S. Coast and Geodetic Survey chart No. 579, scale 1:40,000 published May 1941. Minute comparison was not possible because of the difference in scale between the surveys. They appear, in general, to be in good agreement.

The following topographic information shown on Survey No. T-5614 is of sufficient importance to warrant immediate application to the chart:

None.

The following topographic details above the plane of the MHWL 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 hydrographic party.

Respectfully submitted
25 March 1949

Judson Council
Cartographic Draftsman
Compilation and Descriptive Report

Joseph W. Vonasek
Photogrammetric Engineer
Photogrammetric Office Review

Approved and forwarded
22 April 1949

Harry R. Rudolph
Supervisor

Thrsosand
Officer in Charge
Baltimore Photogrammetric Office

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

**TO BE CHARTED
TO BE DELIVERED**

STRIKE OUT ONE

Baltimore, Maryland

8 April

1979

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

The positions given have been checked after listing by

Joseph W. Vonasek

Joseph W. Vonasek

Thos. B. Reed

Chief of Party.

[illegible]

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.

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

8 April 1949

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

The positions given have been checked after listing by

Joseph W. Vonasok
Joseph W. Vonasok

Chief of Party.

Thos. B. Reed

STATE	NEW YORK		SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	CHARTING NAME	DESCRIPTION		LATITUDE		LONGITUDE									
				°	'	D. M. METERS	°	'	D. P. METERS						
STACK	①	black, steel (50' high)	Same as Charting	40	35	1491	73	39	1007	N.A. 1927	X		579		
		City Hall	LONG BEACH CITY HALL 1926	40	35	630	73	40	11	"	X X		579, 1215		
TOWER		Pyramidal top (60' high)	LONG BEACH HSE. 1926	40	35	309	73	41	686	"	X X	"	"		
CHY		Brick, school (chart Outline)	LONG BEACH CH. 1926	40	35	429	73	41	1133	"	X X	"	"		
CUP		Black roof (60' high)	LAWRENCE WH. HSE. CUPOLA 1934	40	35	1348	73	43	688	"	X X	"	"		
* See back page		On hotel, large dark roof	ATL. BEACH CASA DEL MAR HOT. CUPOLA 1931	40	35	375	73	44	186	"	X X	579, 542 & 1215			
GAS TANK		Long Beach	LONG BEACH GAS TOWER 1934	40	35	1180	73	39	722	"	X X	579, 1215			
FLAG TOWER		White, steel, Coast Guard (125' high)	LONG BEACH CH. TOWER 1934	40	35	1021	73	44	635	"	X X	542, 579 & 1215			
CH. TOWER	②	Brick (60', high)	ST. IGNATIUS MARTYR	40	35	162	73	41	127	"	X X	579, 1215			
CUPOLA		Lido Beach Hotel	LIDO E. TWIN TOWER, 1933	40	35	160	73	38	291	"	X X	579, 1215			
CUPOLA		Lido Beach Hotel	LIDO W. TWIN TOWER, 1933	40	35	151	73	38	332	"	X X	"	"		
CUPOLA		Lawrence High School	Same as Charting	40	36	212	73	44	1117	"	X	542, 579			
TANK (ELEV)		Gray (125' high)	Same as Charting	40	35	120	73	38	1098	"	X X	579, 1215			
STAND-PIPE		Black, steel (120' high)	LONG BEACH STANDPIPE 1934	40	35	1136	73	39	955	"	X X	579, 1215			

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.

* Landmark is not at same position as triangulation station.
(See T-5614 and its accompanying descriptive report.) New form 567
is being submitted. E11A

- ① Station was established by planetable, see T-61992, 1934.
- ② " " " " " Only name change
was recommended in 1947.

312 (1491)

STRIKE OUT ONE

Washington, D. C.

ANALYZING CHARTS OR LANDMARKS FOR CHARTS

3 October 1949

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

The positions given have been checked after listing by

S. V. Gryfith

Chief of Party.

[illegible]

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

PHOTOGRAMMETRIC HYDROGRAPHIC STATIONS
T-5614

No.	Photo	Description
1401	47 D 166	SE tower on Gulf building.
1402	166	Cupola, building with orange roof. (Howard Johnson's)
1403	166	Church spire.
1404	166	Cupola.
1405	47-D 54	Chy., south end of red house, dark green roof.
1406	54	East gable of shack.
1407	54	West gable of shack.
1408	54	Chy., west end of shack.
1409	54	Chy., south end of shack.
1410	54	Chy., center of small shack.
1411	54	Chy., NW end of shack.
1412	54	Chy., north end, east side of house.
1413	54	East gable of house.
1414	54	West gable of house.
1415	54	Center of shack.
1416	54	Gable (north) green tarpaper shack.
1417	54	South gable, green tarpaper shack.
1418	54	Chy., center of shack.
1419	54	North gable of shack.
1420	54	South gable of shack.
1421	47 D 55	Flag pole, Keystone Y. C.
1422	55	North gable, white house, green trim.
1423	55	South gable, white house, green trim.
1424	55	NE gable, large house on piles.

PHOTOGRAMMETRIC HYDROGRAPHIC STATIONS
T-5614

No.	Photo.	Description
1425	47 D 56	Flag pole on roof.
1426	56	Chy., against white gable.
1427	56	Chy., of old burned house.
1428	47 D 58	Church tower.
1429	47-D 31	Pole on guard tower.
1430	31	Chy., white house, red roof.
1431	31	North gable, white house, red roof.
1432	47 D 30	Chy., Island Park School.
1433	30	Chy., above cupola on yellow brick hospital building.
1434	30	Yellow brick stack.
1435	30	Wooden lookout tower..
1436	30	Cupola, Tudor Towers.
1437	30	Concrete observation tower.
1438	30	Green top cupola, Tower Baths.
1439	47 D 29	Windsock on Seaplane Hangar, (NW. corner.)
1440	29	NW corner of pier.
1441	29	South gable of house.
1442	29	South gable dark house.
1443	29	Flag pole.
1444	29	Chy., Long Beach High School.
1445	29	Cupola, Granada Towers.
1446	29	Small gray water tank on building.
1447	29	Small water tank on platform atop building.
1448	29	White cupola.

PHOTOGRAMMETRIC HYDROGRAPHIC STATIONS
T-5614

No.	Photo.	Description
1449	47 D 27	Flag pole, Cedarhurst Y. C.
1450	27	North gable (with 3 windows).
1451	27	Cupola, Atlantic Beach Hotel.
1452	47 D 25	North bridge tower.
1453	25	South bridge tower.
1454	25	Flag pole.
1455	25	Chy., yellow stucco building.
1456	25	Concrete observation tower.
1457	30	North Bridge Tower.
1458	30	South Bridge Tower.

GEOGRAPHIC NAMES

- ~~Atlantic Ocean~~ ✓
- ~~Atlantic Beach~~ ✓
- ~~Atlantic Beach Bridge~~ ✓
- ~~Bannister Creek~~ ✓
- ~~Barnums Channel~~ ✓
- ~~Bedell Creek~~ ✓
- ~~Black Banks~~ ✓
- ~~Black Banks Creek~~ ✓
- ~~Broad Channel~~ ✓
- ~~Brosewre Bay~~ ✓
- ~~Cedarhurst~~ ✓
- ~~Cedarhurst Yacht Club~~ ✓
- ~~Cedar Island~~ ✓
- ~~Cedar Island Creek~~ ✓
- ~~Cedar Island Marsh~~ ✓
- ~~Crooked Creek~~ ✓
- ~~Domar Canal~~ ✓
- ~~Duck Point~~ ✓
- ~~East Channel~~ ✓
- ~~East Channel Islands~~ ✓
- ~~East Meadow~~ ✓
- ~~East Rockaway Channel~~ ✓
- ~~Far Rockaway~~ ✓
- ~~Fortify Creek~~ ✓
- ~~Garrett Lead~~ ✓
- ~~Garrett Marsh~~ ✓
- ~~Great Bar~~ ✓
- ~~Green Sedge Point~~ ✓
- ~~Hewlett Bay~~ ✓
- ~~Hewlett Harbor~~ ✓
- ~~Hewlett Hassock~~ ✓
- ~~Hicks Beach~~ ✓
- ~~Hog Island Channel~~ ✓
- ~~Hes Hassock~~ ✓
- ~~Inwood~~ ✓
- ~~Island Park~~ ✓
- ~~Island Park Canal~~ ✓
- ~~Island Park Harbor~~ ✓
- ~~Keystone Yacht Club~~ ✓
- ~~Lawrence~~ ✓
- ~~Lawrence Beach~~ ✓
- ~~Lawrence County Club Golf Course~~ ✓
- ~~Lawrence Marshes~~ ✓
- ~~Lido Beach~~ ✓
- ~~Lido Canals~~ ✓
- ~~Lido Club~~ ✓
- ~~Lido Golf Course~~ ✓
- ~~Long Beach~~ ✓
- ~~Long Island R. R.~~ ✓
- ~~Meadow Creek~~ ✓
- ~~Neds Hole Creek~~ ✓
- ~~North Green Sedge~~ ✓
- ~~North Meadow~~ ✓
- ~~Nums Channel~~ ✓
- ~~Nums Marsh~~ ✓
- ~~Oceanside Beach~~ ✓
- ~~Pearsalls Hassock~~ ✓
- ~~Post Lead~~ ✓
- ~~Ramscat Channel~~ ✓
- ~~Reynolds Channel~~ ✓
- ~~Rockaway Hunting Club~~ ✓
- ~~Simmons Hassock~~ ✓
- ~~South Green Sedge~~ ✓
- ~~Swift Creek~~ ✓
- ~~Three Cornered Hassock~~ ✓
- ~~West Meadow~~ ✓
- ~~Woodsburgh~~ ✓
- ~~Woodsburgh Channel~~ ✓
- ~~Woodmere Channel~~ ✓

Names preceded by • are
approved - 6-27-49.

L. Heck

Review Report for
Shoreline Map T-5614
3 October 1949

44. Comparison with Existing Maps.-

A. Planimetric

T-5054	1:10,000	1933-34
5062	"	"
5063	"	"
5336	"	"
6199 (a&b)	"	1934
3	1:20,000	1835
1471 (a&b)	1:10,000	1879-80
798	1:9880	1860
4326	1:10,000	1927
2945	"	1909
2945a	"	1914
4225	"	1926
4273	"	1926

This map supersedes the above surveys for nautical charting purposes.

B. Quadrangles.

Lawrence, N.Y. (^C of E.) 1:25,000 1942

45. Comparison with Existing Nautical Charts.-

542	1:20,000	Sept. 1948
579	1:40,000	May 1941 corr. 5-9-49

Chart 579 shows three offshore submerged wrecks not reported by field inspection.

47. Adequacy of Compilation.-This compilation is complete and in compliance with Bureau standards and project instructions.

Reviewed by:

Everett H. Ramey
Everett H. Ramey

APPROVED

A. V. Griffith
Chief, Review Section
Div. of Photogrammetry

H. B. Edmonson
Chief, Nautical Chart Branch
Division of Charts

J. S. Reading
Chief, Div. of Photogrammetry

W. M. Scaife
Chief, Div. of Coastal Surveys
L.H.

NAUTICAL CHARTS BRANCH

SURVEY NO. T-5614

Record of Application to Charts

[illegible]

M-2168-1

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.