

TP-00740

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TP-00740

NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

Type of Survey Chart Compilation
Job No. CM-7301 Map No. TP-00740
Classification No. III Edition No. 1

LOCALITY

State New York-New Jersey
General Locality Jersey City, N.J.
Locality Upper Bay and Hudson River

1974 TO 1975

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY ☒ ORIGINAL ☐ RESURVEY ☐ REVISED		SURVEY TP. 00740 MAP EDITION NO. (1) MAP CLASS III JOB CM-7301	
DESCRIPTIVE REPORT - DATA RECORD				LAST PRECEDING MAP EDITION			
				TYPE OF SURVEY ☐ ORIGINAL ☐ RESURVEY ☐ REVISED		JOB PH- MAP CLASS SURVEY DATES: 19 TO 19	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division (Rockville)				OFFICER-IN-CHARGE Cdr. James Collins			
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Instructions-AEROTRIANGULATION- 3/27/75 Instructions-OFFICE- 8/7/75				Instructions-FIELD - 1/23/74 Instructions-FIELD-Amendment I - 8/12/74 Instructions-FIELD-Supplement I - 4/16/75 Instructions-FIELD-Supplement II - 10/6/75 Instructions-FIELD-Amendment 1 - 2/27/74			
II. DATUMS							
1. HORIZONTAL: ☒ 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: ☒ MEAN HIGH-WATER ☒ MEAN LOW-WATER ☐ MEAN LOWER LOW-WATER ☐ MEAN SEA LEVEL				OTHER (Specify) National Geodetic Vertical Datum of 1929			
3. MAP PROJECTION Traverse Mercator				4. GRID(S) STATE New York ZONE East			
5. SCALE 1:10,000				STATE ZONE			
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY				I. Raborn		8/75	
				N/A			
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY				S. Solbeck		9/75	
				N/A			
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				G. Vanderhaven		4/76	
INSTRUMENT: B-8				G. Fromm		4/76	
SCALE: 1:5,000				N/A			
				N/A			
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY				G. Vanderhaven		8/76	
METHOD: Smooth Drafting				G. Fromm		8/76	
				N/A			
				N/A			
SCALE: 1:10,000 HYDRO SUPPORT DATA BY CHECKED BY				N/A			
				N/A			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				G. Fromm		10/14/76	
				N/A			
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY				N/A			
				N/A			
7. COMPILATION SECTION REVIEW BY				G. Fromm		10/14/76	
8. FINAL REVIEW BY				E. L. Rolle		Jan. 1978	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				N/A			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				E. L. Rolle		Jan. 1978	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R.T. Cator		May 1978	

TP-00740
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) RC-8(E) RC-10(B)
Focal Lengths 152.7mmTYPES OF PHOTOGRAPHY
LEGEND

TIME REFERENCE

TIDE STAGE REFERENCE

☒ PREDICTED TIDES☐ REFERENCE STATION RECORDS☒ TIDE CONTROLLED PHOTOGRAPHY

(C) COLOR

(P) PANCHROMATIC

(I) INFRARED

ZONE

Eastern

☒ STANDARD

MERIDIAN

75th

☐ DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
74E(C) 7138-7141	10/19/74	1715-1722	1:30,000	*+0.1 MHW
74E(C) 7084-7088	10/19/74	1656-1706	1:30,000	*-0.2 MHW
75B(I) 5963R-5967R	10/3/75	1152-1156	1:30,000	Refer to the following page for tide information
75B(I) 5970R & 5971R	10/3/75	1204-1212	1:30,000	

REMARKS * Computation ^{from} ~~for~~ Predicted Tide Tables.
All the above photography was ratioed to 1:10,000

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the mean high water line is the photography listed under Item 1.
Refer to paragraph 35 in the Compilation Report bound with this Descriptive Report.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

The source of the mean low water line is the black-and-white ratio prints of the tide-coordinated infrared photography listed above under Item 1.

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
TP-00882 (Job CM-7403)	TP-00741	TP-00744	TP-00739

REMARKS

TIDE - COORDINATED PHOTOGRAPHY

TP -00740

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE in feet	MEAN RANGE in feet
75B5963R-5966R (Upper Bay Hudson River)	Battery (Reference Sta.)	-0.62MLW	4.5
75B5966R-5967R (Hudson River)	H oboken Castle Point (Sub. Sta.)	-0.47MLW	4.3
75B5970R-5971R (Hackensack River)	Kearny Point (Sub. Sta.)	-0.44MLW	5.0
NOTE: Reference station(s) <u>ONLY</u> were in operation at time of photography.			

REMARKS:

Water penetration is apparent on the infrared photography. Refer to paragraph 35 of the Compilation Report bound with this Descriptive Report.

HISTORY OF FIELD OPERATIONS

TP-00740

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	9/74
2. HORIZONTAL CONTROL	RECOVERED BY N/A ESTABLISHED BY N/A PRE-MARKED OR IDENTIFIED BY N/A	
3. VERTICAL CONTROL	RECOVERED BY N/A ESTABLISHED BY N/A PRE-MARKED OR IDENTIFIED BY N/A	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY N/A LOCATED (Field Methods) BY N/A IDENTIFIED BY N/A	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY BY ☒ NO INVESTIGATION	N/A
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY N/A	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N/A	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

None

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

TP-00740

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete pending field edit	10/14/76	Class III Map field edit postponed	10/19/76	
Final review prior to registration.	Jan. 1978	Class III Map.	May 1978	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
7		Oct. 1977	Digitized Forms 76-40 were submitted as a final report. The computer cards for these landmarks and aids are on file in the CMD Special Projects Section, and will be destroyed 5 years after the date of Final Review

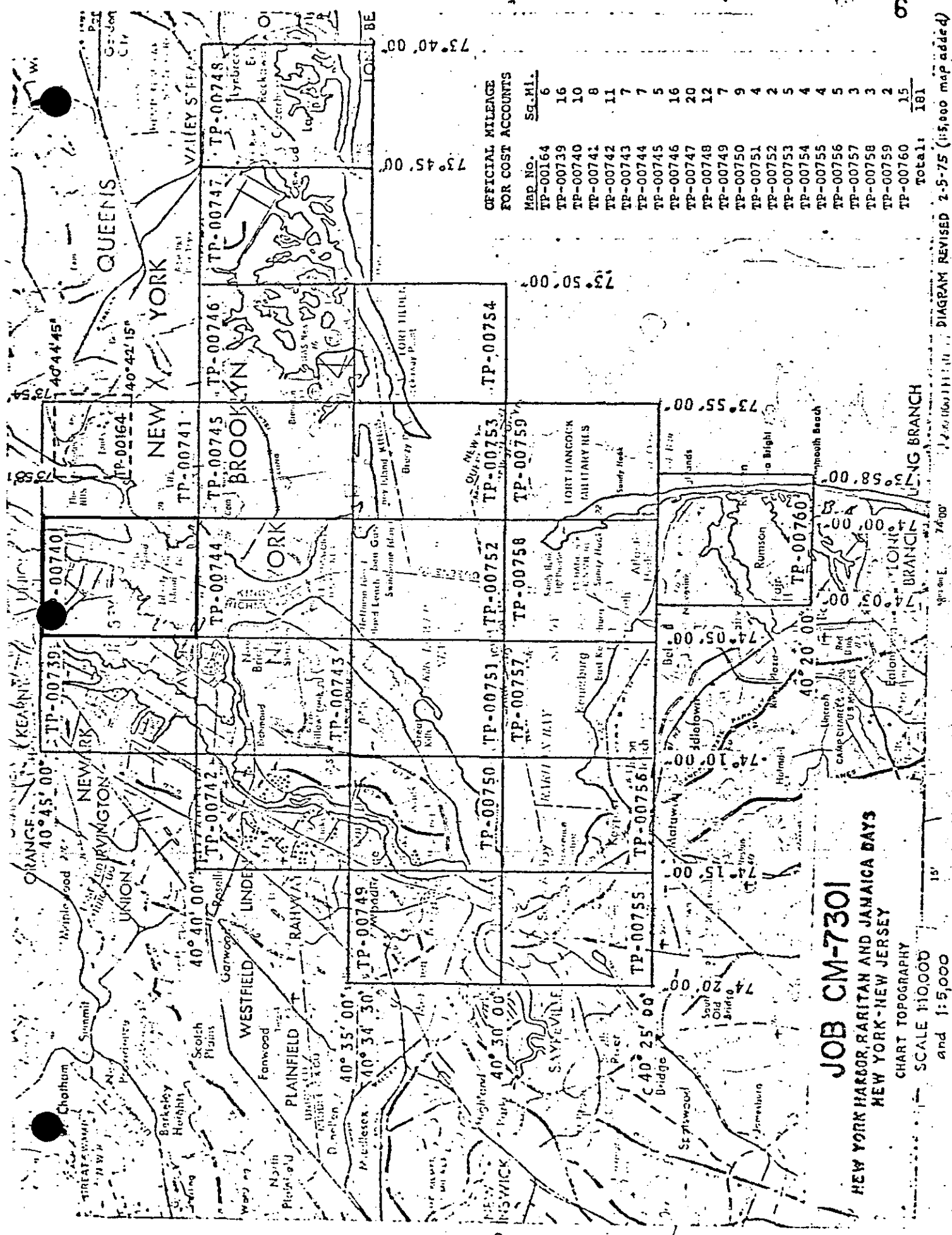
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
 3. ☐ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
 ACCOUNT FOR EXCEPTIONS:
 4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	



JOB CM-7301 **NEW YORK HARBOR, RARITAN AND JAMAICA BAYS** **NEW YORK-NEW JERSEY**

CHART TOPOGRAPHY
SCALE 1:10,000
and 1:5,000

MAP NO.	OFFICIAL MILEAGE FOR COST ACCOUNTS	SQ. MI.
TP-00164	6	16
TP-00739	16	10
TP-00740	10	8
TP-00741	8	11
TP-00742	11	7
TP-00743	7	7
TP-00744	7	5
TP-00745	5	16
TP-00746	16	20
TP-00747	20	12
TP-00748	12	7
TP-00749	7	9
TP-00750	9	4
TP-00751	4	2
TP-00752	2	5
TP-00753	5	4
TP-00754	4	5
TP-00755	5	3
TP-00756	3	3
TP-00757	3	2
TP-00758	2	15
TP-00759	15	181
TP-00760	181	
Total:		

DIAGRAM REVISED 2-5-75 (\$5,000 map added)

Scale 1:5,000

15'

Scale 1:10,000

Scale 1:5,000

6

SUMMARY TO ACCOMPANY DESCRIPTIVE REPORTS
TP-00739 through TP-00760 and TP-00164

This map is one of twenty-three chart compilation maps that comprise Job CM-7301. Maps TP-00739 through TP-00760 were compiled at 1:10,000 scale and map TP-00164 was compiled at 1:5,000 scale.

The purpose of this job is to provide chart compilation for use in the maintenance and reconstruction of published nautical charts covering the project area.

The project area includes New York Harbor, Raritan Bay, and Jamaica Bay in the states of New Jersey and New York.

Field operations, which began in September 1974, generally consisted of the premarking of control and flying the needed aerial photography.

Aerotriangulation photography was furnished at 1:60,000 scale from natural color film taken in 1974 with the RC-10(C) camera. Color compilation photography was taken in 1974 at 1:30,000 scale and in 1975 at 1:15,000 scale, using the RC-8(E) and RC-10(B) cameras. Supplemental black-and-white infrared, tide-coordinated photography was flown in 1975 at 1:30,000 scale using the RC-10(B) camera.

Five strips of the 1:60,000 scale color photography were bridged using analytic aerotriangulation methods. Thirteen strips of the 1:30,000 scale color compilation photography and two strips of the 1:15,000 scale color compilation photography were also bridged by analytic aerotriangulation procedures.

Compilation photography was the 1:15,000 and 1:30,000 scale color photography and the 1:30,000 scale supplemental infrared photography. The maps were compiled on the Wild B-8 stereoplotter using the natural color photography. Ratioed prints of the black-and-white infrared photography were used graphically to delineate the approximate mean low water line and to supplement the B-8 instrument compilation.

All map line work is smooth compilation drafting.

Field edit data was prepared for each of the twenty-three maps. Field edit was postponed in 1977 after this preparation of data was completed.

Final review of the maps was done by the Quality Control Group of the Photogrammetric Branch. All maps were registered as Class III maps.

A Chart Maintenance Print for each map was forwarded to the Nautical Data Section of the Marine Chart Division.

The following items are registered in the National Ocean Survey Archives:

1. A plastic copy of each map
2. A Descriptive Report for each map

Two 20 cm x 30 cm negatives of each map are on file in the Photo Map and Imagery Information Section of the Photographic Operations Branch.

FIELD INSPECTION

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal control necessary for aerotriangulation.

21. Area Covered

The area covered by this report pertains to the shorelines of New York Harbor, Raritan and Jamaica Bays, New York-New Jersey. This area is covered by twenty-two 1:10,000 scale sheets, TP-00735 thru TP-00760 and one 1:5,000 sheet, TP-00164. The 5,000 scale sheet (TP-00164) was not plotted at this time because of the lack of low altitude photo coverage.

22. Method

Five strips of 1:60,000 scale color photography were bridged by analytic aerotriangulation methods. The strips were controlled by field identified control paneled in 1974 with office identified control floated as checks. Thirteen strips of 1:30,000 scale color photography were also bridged by analytic aerotriangulation methods. These strips were controlled by field identified control and with common points dropped from the 1:60,000 scale photography. Normally the 1:30,000 scale strips would not be bridged, but, due to the poor definition of photography, this had to be done in order to meet the National Map Accuracy Standards. Ties were made between all bridging strips. Points were located on the 1:30,000 scale photography to determine the ratio scale. Ratios were ordered for the 1:10,000 scale sheets. Data for ruling projections were furnished to the Coradomat to be plotted in the New York East state plane coordinate system. The grids were plotted in zones as indicated per instructions in a letter from the Chief, Coastal Mapping Division, dated March 27, 1975.

23. Adequacy of Control

The control was adequate.

24. Supplemental Data

USGS Quadrangles were used to provide vertical control for the adjustment.

25. Photography

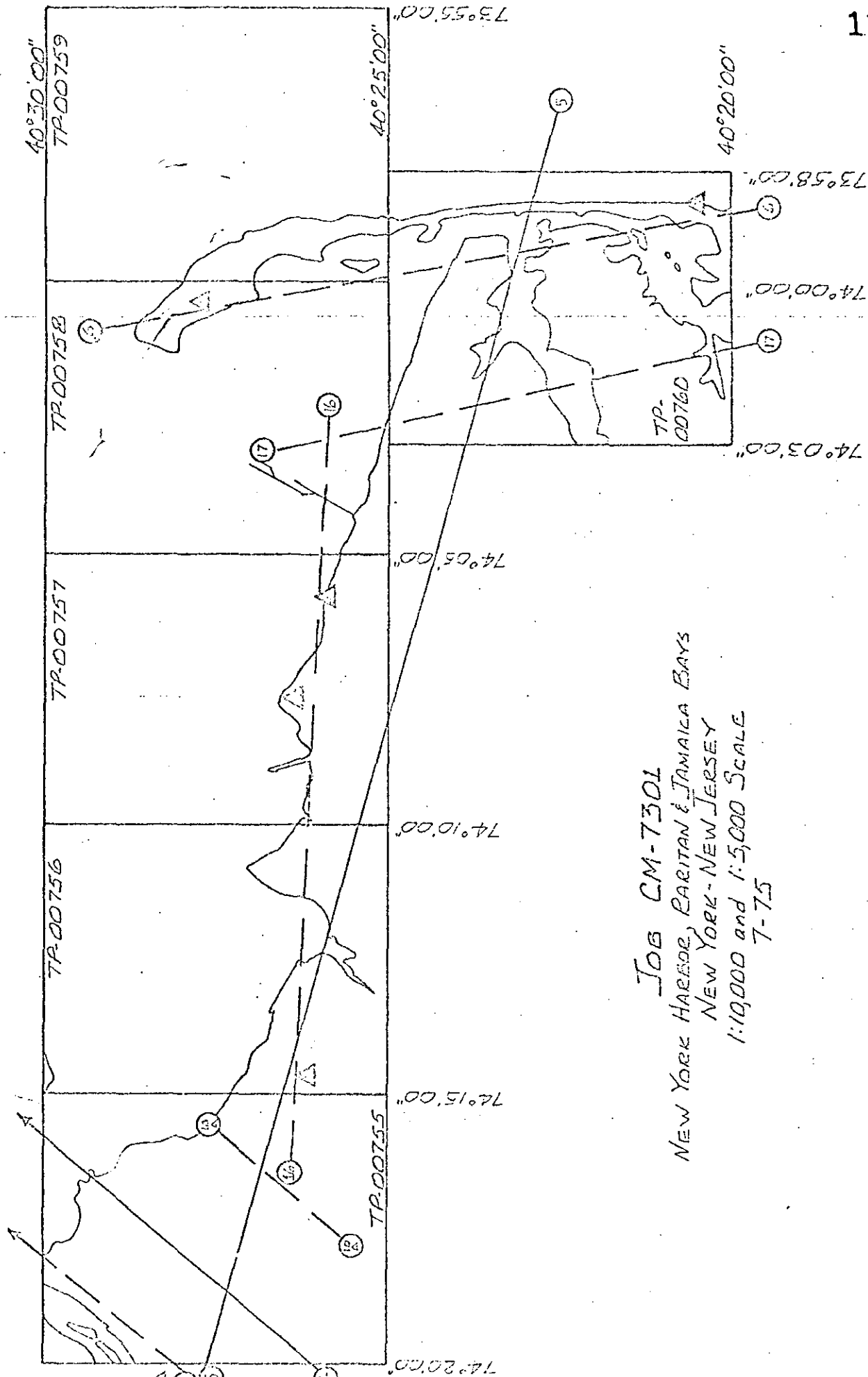
The photography was adequate as to coverage and overlap except for the 1:5,000 scale sheet, TP-00164. This photography has not been taken as of this report. Definition of the photography at all scales was very poor due to haze at time of photography.

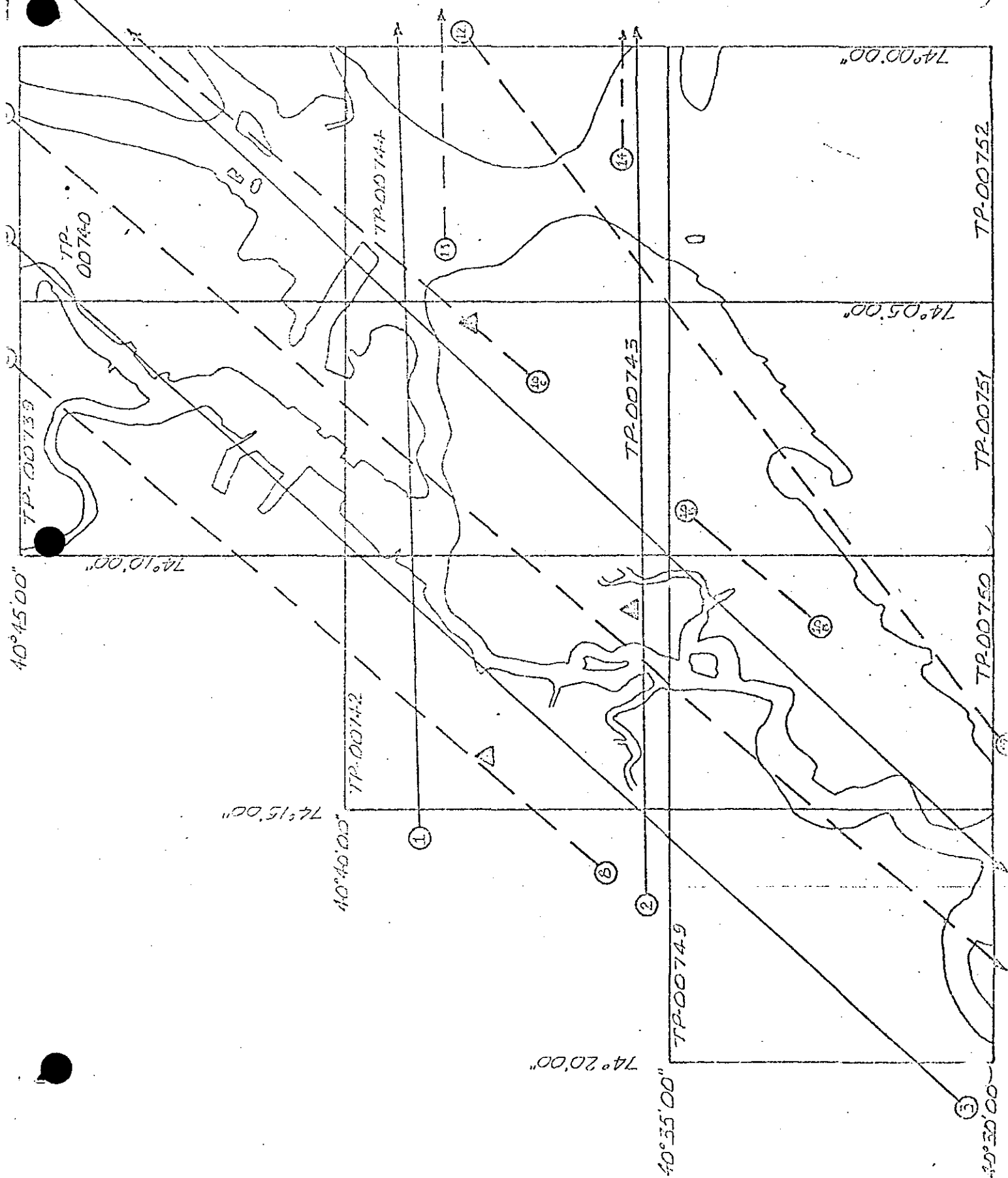
Respectfully submitted,

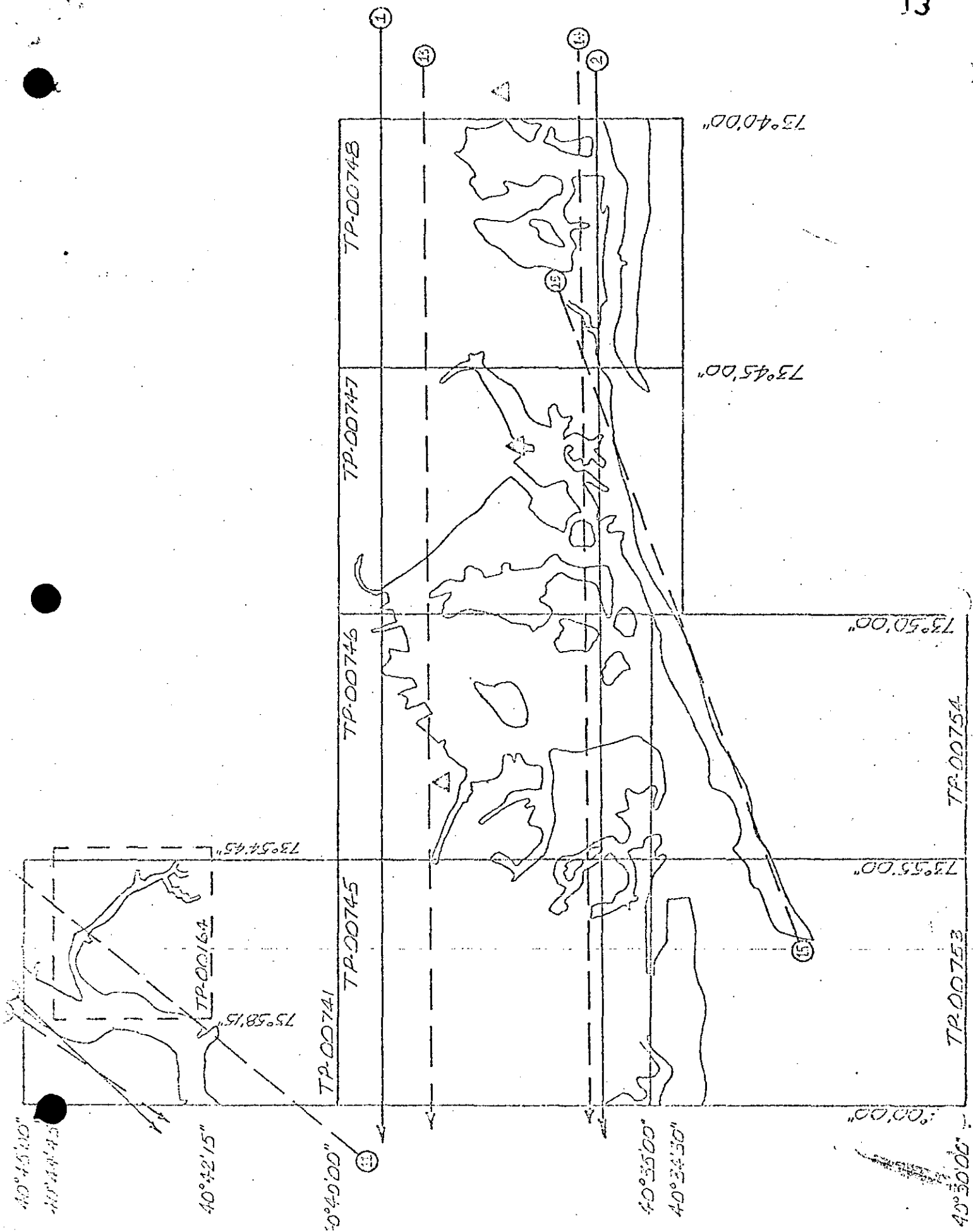
Ivey O. Raborn
Ivey O. Raborn

Approved and forwarded:

John D. Percow, Jr.
John D. Percow, Jr.
Chief, Aerotriangulation Section







Strip No.	Scale	Photo Nos.
1	60,000	74C(C)864-874
2	"	851-861
3	"	74C(C)892-902
4	"	877-887
5	"	1202-1207
6	30,000	74E(C)6963-6970
No strip numbered 7		
8	30,000	74E(C)7145-7154
9	"	7083-7099
10A	"	7125-7127
10B	"	7131-7133
10C	"	7135-7143
11	"	7076-7082
12	"	7186-7196
13	"	7056-7069
14	"	7040-7052
15	"	7172-7179
16	"	7162-7170
17	"	7197-7202

NOAA FORM 76-41
(6-78)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.		JOB NO.		GEODETTIC DATUM		ORIGINATING ACTIVITY		REMARKS	
TP-00740		CM-7301		N/A 1927		Coastal Mapping Division Rockville, Maryland			
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET STATE ZONE	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE					
HOBOKEN HOLLAND TUNNEL	NJ Vol. I		X=	φ 40-43-41.902					
BREATHER 1932	G.P.-P.527	893110	Y=	λ 74-01-38.226					
Ellis Island South	NJ Vol. II		X=	φ 40-41-59.680					
Twin Tank 1930	G.P.-P.110	894111	Y=	λ 74-02-25.868					
Statue of Liberty 1887	NY Vol. II G.P.-P.82	895110	X=	φ 40-41-20.655					
			Y=	λ 74-02-41.863					
Red Hook N.Y. Dock Co.	NY Vol. II		X=	φ 40-40-28.833					
South Tank 1930	G.P.-P.109	895112	Y=	λ 74-01-03.997					
Red Hook N.Y. Dock Co.	NY Vol. II		X=	φ 40-40-36.733					
S. Twin Tank 1930	G.P.-P.109	10	Y=	λ 74-01-03.187					
New York Grain Elevator 1931	NY Vol. II G.P.-P.164	48	X=	φ 40-40-07.701					
			Y=	λ 74-00-25.408					
Red Hook Brooklyn Brickworks Square CHY 1930	NY Vol. II G.P.-P.109	49	X=	φ 40-40-30.128		Not Plotted			
			Y=	λ 74-00-52.338					
Governors Island Southwest Light 1930	NY Vol. II G.P.-P.109	50	X=	φ 40-41-08.427					
			Y=	λ 74-01-36.804					
Governors Island Northwest Light 1932	NY Vol. II G.P.-P.246	51	X=	φ 40-41-34.258					
			Y=	λ 74-01-12.226					
Manhattan Woolworth Bldg. Tower 1932	NY Vol. II G.P.-P.113	55	X=	φ 40-42-44.224					
			Y=	λ 74-00-30.886					
COMPUTED BY	N/A	DATE	COMPUTATION CHECKED BY	N/A		DATE			
LISTED BY	G. Vanderhaven	DATE	LISTING CHECKED BY	G. Fromm		DATE		11/7/75	
HAND PLOTTING BY	N/A	DATE	HAND PLOTTING CHECKED BY	N/A		DATE			

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

NOAA FORM 76-41
(6-75)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.		JOB NO.		GEODETTIC DATUM		ORIGINATING ACTIVITY		REMARKS
TP-00740		CM-7301		N/A 1927		Coastal Mapping Division Rockville, Maryland		
STATION NAME		SOURCE OF INFORMATION (Index)		AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET STATE _____ ZONE _____		GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	
Manhattan Holland	NY Vol. II				X=	ϕ 40-43-35.206		
Tunnel Breather 1932	G.P.-P.113	56			Y=	λ 74-00-55.324		
Hoboken Lackawanna	NJ Vol. I				X=	ϕ 40-44-01.716		Not plotted
Freight Yard WMCA	G.P.-P.256	137			Y=	λ 74-01-46.513		
Radio Tower 1932	NJ Vol. I				X=	ϕ 40-42-52.217		
Jersey City Colgate	G.P.-P.525	138			Y=	λ 74-02-07.940		
Palmolive & Peet Co.	NY Vol. II				X=	ϕ 40-42-00.190		
N.Twin Chy 1932	G.P.-P.110	139120			Y=	λ 74-02-25.211		
Ellis Island North	NY Vol. II				X=	ϕ 40-40-37.057		Not plotted
Twin Tank 1930	G.P.-P.109				Y=	λ 74-01-03.210		
Red Hook N.Y. Dock Co.	NY Vol. II				X=	ϕ 40-42-00.402		
N.Twin Tank 1930	G.P.-P.110				Y=	λ 74-02.26.176		
Ellis Island	NJ Vol. I				X=	ϕ 40-42-51.833		
CHY 1930	G.P.-P.525				Y=	λ 74-02-07.428		
Jersey City Colgate	NJ Vol. I				X=	ϕ 40-43-09.881		
Palmolive & Peet Co.	G.P.-P.525				Y=	λ 74-01.59.916		
S. Twin CHY 1932	NY Vol. I				X=	ϕ 40-43-05.923		
Jersey City Penn R.R.	G.P.-P.110				Y=	λ 74-02-00.703		
Storehouse N. Flagpole 1932	NJ Vol. I				X=	ϕ 40-42-25.632		
Jersey City Penn R.R.	G.P.-P.457				Y=	λ 74-02-07.108		
Storehouse S. Flagpole 1932								
C R.R. N.J. Station								
4(Use) 1931								
COMPUTED BY	N/A.		DATE	COMPUTATION CHECKED BY		N/A		DATE
LISTED BY	G. Vanderhaven		DATE	LISTING CHECKED BY		G. FROMM		DATE
HAND PLOTTING BY	N/A		DATE	HAND PLOTTING CHECKED BY		N/A		DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

NOAA FORM 76-41
(6-75)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.		JOB NO.		GEODEIC DATUM		ORIGINATING ACTIVITY		REMARKS
TP-00740		CM-7301		N/A 1927		Coastal Mapping Division Rockville, Maryland		
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE _____ ZONE _____		GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE			
Doherty Building Tall Bldg. With Red Light 1932	NY Vol. II G.P.-P.14		X=		ϕ 40-42-22.770			
			Y=		λ 74-00-29.043			
Brooklyn, Pier 11, Red Range Lt 1933	NY Vol. II G.P.-P.246		X=		ϕ 40-41-53.71			Not plotted
			Y=		λ 74-00-03.72			
Manhattan N.Y. Telephone Co. Bldg. Flagpole 1932	NY Vol. II G.P.-P.113		X=		ϕ 40-42-49.223			
			Y=		λ 74-00-48.065			
Manhattan Municipal Bldg., Tower, 1932	NY Vol. II G.P.-P.113		X=		ϕ 40-42-46.262			
			Y=		λ 74-00-14.503			
Governors Island Cupola 1930	NY Vol. II G.P.-P.110		X=		ϕ 40-41-22.314			
			Y=		λ 74-01-08.398			
			X=		ϕ			
			Y=		λ			
			X=		ϕ			
			Y=		λ			
			X=		ϕ			
			Y=		λ			
			X=		ϕ			
			Y=		λ			
			X=		ϕ			
			Y=		λ			
			X=		ϕ			
			Y=		λ			
COMPUTED BY	N/A	DATE	COMPUTATION CHECKED BY		N/A		DATE	
LISTED BY	G. Vanderhaven	DATE	LISTING CHECKED BY		G. Fromm		DATE	
HAND PLOTTING BY	N/A	DATE	HAND PLOTTING CHECKED BY		N/A		DATE	

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

TP-00740
Compilation Report

31. Delineation

This map was compiled on the Wild B-8 stereoplotter from 1:30,000 scale natural color photography. Graphic compilation from ratioed prints of the black-and-white, tide-coordinated infrared photography was used to depict the mean low water line and to update the instrument compilation. Refer to paragraph 35.

32. Control

Refer to the PHotogrammetric Plot Report bound with this Descriptive Report.

The identification, density, and placement of horizontal and vertical control was adequate.

33. Supplemental Data

None

34. Contours and Drainage

All drainage is from office interpretation of the color photography.

35. Shoreline and Alongshore Details

The MHW line was compiled from office interpretation of the 1974 color photography. Evident changes in the shoreline were noted on the 1975 infrared photography surrounding a new terminal under construction (approx. pos. - 40°40.2'N and 74°04.5'W). The MHW line in this area was compiled graphically by office interpretation of the IR photography.

Alongshore and foreshore features were delineated by office interpretation of the color photography and updated by graphic compilation from the infrared photography.

- * The MLWL was depicted graphically from the black-and-white, tide-coordinated infrared photography. Water penetration is apparent on the infrared photography. Therefore, portions of the foreshore areas depicted on this map may be covered a slight amount at MLW. This also applies to those shoal, or portions of, depicted with the MLW line symbol.

There was no preliminary field inspection of the shoreline.

* Refer to REVIEW REPORT, item 67.

36. Offshore Details

No unusual problems were encountered in compiling details offshore.

37. Landmarks and Aids

Positions of landmarks and nonfloating aids will be verified or located during field edit.

Refer to the 76-40 forms prepared for those landmarks and aids identifiable on the compilation photography.

38. Control for Future Surveys

No form 524 submitted.

39. Junctions

Refer to form 76-36B, item #5, submitted with this Descriptive Report.

40. Horizontal and Vertical Accuracy

This map complies with the National Map Accuracy Standards.

41. thru 45. Inapplicable

46. Comparison with Existing Maps

A comparison has been made with the following USGS quadrangle#:

Jersey City, N.J.-N.Y., Scale 1:24,000, 1967 Edition.

No significant changes were noted.

47. Comparison with Nautical Charts

A comparison has been made with the following nautical charts:

12327 (formerly 369), scale 1:40,000, 64th Edition, dated July 13, 1974.

12328 (formerly 369-SC), scale 1:40,000, 12th Edition, dated February 1, 1975.

541, scale 1:10,000, 47th Edition, dated April 13, 1974.

285, scale 1:15,000, 20th Edition, dated September 29, 1973.

287, scale 1:20,000, 17th Edition, dated June 3, 1972.

12335 (formerly 745), scale 1:10,000, 22nd Edition, dated July 13, 1974.

Items to be applied to Nautical Charts immediately - None.

Items to be carried forward - None.

Submitted by:



G. Vanderhaven

Approved and Forwarded:



George M. Ball

Chief, Special Projects Section

COMPILATION OFFICE CHECK LIST

CLASS III MANUSCRIPT

TP - 00740

1. Shoreline and Alongshore Features / 2. Projections /
3. Grids / 4. Title Block / 5. Horizontal Control /
6. Landmarks and Aids to Navigation / 7. NOAA
Form 76-36 / 8. Compilation Report / 9. Compilation
Methods and Procedures / 10. Junctions / 11. Clarity
of Manuscript / 12. Discrepancy Print /

Reviewer

G. Tramm
14-Oct 70

Supervisor

George D. Bue



February 10, 1978

TO: Chief, Photogrammetric Branch

FROM: James Collins (signed) James Collins
Chief, Coastal Mapping Division

SUBJECT: Registration of Job CM-7301, New York Harbor, Raritan
and Jamaica Bays, New York - New Jersey

All manuscripts completed on the subject job shall be registered
as Class III maps.

Field edit data developed to update these maps during 1978 and
subsequent field seasons shall be furnished to the Marine Chart
Division for blueprints.

cc: C3442
C3421
C3424



REVIEW REPORT
TP-00740

Chart Compilation
January 1978

61. General Statement

See Summary, which is pages 7 and 8 of this Descriptive Report. The map was reviewed in its Class III map (field edit postponed) stage by the Quality Control Group.

62. Comparison with Topographic Surveys - None

63. Comparison with Maps of Other Agencies

Refer to item 46 in the Compilation Report bound with this Descriptive Report.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

Refer to item 47 in the Compilation Report bound with this Descriptive Report.

66. Adequacy of Results and Future Surveys

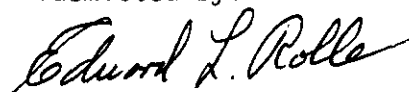
This map meets the National Standards of Map Accuracy and complies with compilation instructions and Bureau standards.

67. The Mean Low Water Line

Because water penetration is apparent on the ratioed tide-coordinated infrared photography, the outermost photographic image of land, along the water-land interface line, was delineated as the approximate mean low water line. This approach was taken to add an element of boating safety for users of the NOS nautical charts, reconstructed with details taken from this map. Refer to item 35 in the Compilation Report bound with this Descriptive Report.

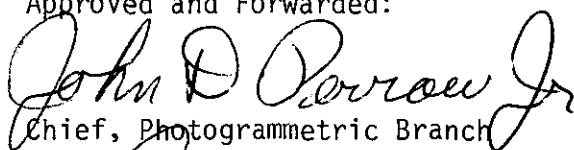
The approximate mean low water line was not compiled east of longitude 74°01.5' or south of latitude 40°40.5', for lack of sufficient tide coordinated photography.

Submitted by:

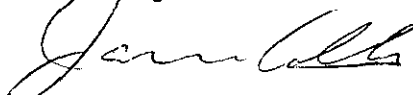


Edward L. Rolle

Approved and Forwarded:



Chief, Photogrammetric Branch



Chief, Coastal Mapping Division

GEOGRAPHIC NAMES

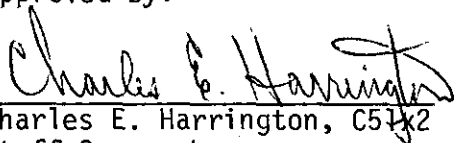
FINAL NAME SHEET

CM-7301 (N.Y. Hbr., Raritan & Jamaica Bays, N.Y., N.J.)

TP-00740

Brooklyn	Hudson River
Buttermilk Channel	Jersey City
Castle Point	Lackawanna Canal
Caven Point	Lehigh Valley (RR)
Central RR of N.J.	Liberty Island
East River	Manhattan
Ellis Island	Morris Canal Basin
Erie Basin	Penn Central (RR)
Erie Lackawanna (RR)	Red Hook (locality)
Governors Island	Red Hook (point)
Gowanna Canal	The Battery
Hackensack River	Upper Bay
Hoboken	

Approved by:


Charles E. Harrington, C51x2
Staff Geographer

76-40
LISTING

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATA
VERSION
770818

* SVY TP-00740 * RPT UNIT CMD ROCKVILLE, MD. * PAGE 1 OF 7 *
* JOB CM-7301 * NONFLOATING AIDS FOR CHARTS * STATE NEW YORK NEW JERSEY *
* PRJ N Y HARBOR * TO BE REVISED * LOCALITY UPPER BAY-HUDSON R * ORIGINATING ACTIVITY *
* DTM NA 1927 * DATE 09/08/77 * COMPILATION *

THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

DESCRIPTION	POSITION	CMD	METHOD AND DATE	CHARTS
RECORD REASON FOR DELETION	LATITUDE DM	ALTEK	OF LOCATION	
NAME PUT TRIANGULATION NAMES IN ()	LONGITUDE DP	DGTZD	OFFICE FIELD	AFFECTED

EAST RIVER
MAIN CHANNEL

-RGE F	EAST RIVER DEEPWATER RANGE	40 41 57.83	1783.8	74EC7139	745
LIGHT	FRONT LIGHT	74 00 01.16	27.2	10/19/74	541
BELL	WHITEHALL FERRY EAST FOG	00 00 00.00	0.0	NOT UNVERIFIED	745
	SIGNAL	00 00 00.00	0.0	DGTZD	541
LIGHT	WHITEHALL FERRY EAST FOG	00 00 00.00	0.0	NOT UNVERIFIED	745
	LIGHT	00 00 00.00	0.0	DGTZD	541
LIGHT	WHITEHALL FERRY WEST FOG	00 00 00.00	0.0	NOT UNVERIFIED	745
	LIGHT	00 00 00.00	0.0	DGTZD	541
BELL	WHITEHALL FERRY WEST FOG	00 00 00.00	0.0	NOT UNVERIFIED	745
	SIGNAL	00 00 00.00	0.0	DGTZD	541
HORN	WHITEHALL FERRY RACK A FOG	00 00 00.00	0.0	NOT UNVERIFIED	745
	SIGNAL	00 00 00.00	0.0	DGTZD	541
LIGHT	THE BATTERY LIGHT	00 00 00.00	0.0	NOT UNVERIFIED	745
		00 00 00.00	0.0	DGTZD	541
LIGHTS	GOVERNORS ISLAND FEERY RACK	00 00 00.00	0.0	NOT UNVERIFIED	745
	UPPER FOG LIGHTS	00 00 00.00	0.0	DGTZD	541
LIGHTS	GOVERNORS ISLAND FEERY RACK	00 00 00.00	0.0	NOT UNVERIFIED	745
	LOWER FOG LIGHTS	00 00 00.00	0.0	DGTZD	541

TYPE OF ACTION

NAMES OF RESPONSIBLE PERSONNEL

ORIGINATOR

POSITIONS DETERMINED
AND/OR VERIFIED BY
FIELD AND OFFICE
ACTIVITIES

NO FIELD EDIT-CLASS III MAP
G. VANDERHAVEN
L. HARROD
G. FROMM

FIELD REPRESENTATIVE
OFFICE COMPILER
DIGITIZER
DATA PROCESSER

76-4
LISTING

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
770818

* SVY TP-00740 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 2 OF 7 *
* JOB CM-7301 * NONFLOATING AIDS FOR CHARTS * STATE NEW YORK NEW JERSEY *
* PRJ N Y HARBOR * TO BE REVISED * LOCALITY UPPER BAY-HUDSON R * ORIGINATING ACTIVITY *
* DTM NA 1927 * * DATE 09/08/77 * COMPILATION *

THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

DESCRIPTION	POSITION	CMD	METHOD AND DATE	CHARTS	AFFECTED
RECORD REASON FOR DELETION	LATITUDE DM	ALTEK	OF LOCATION		
NAME PUT TRIANGULATION NAMES IN ()	LONGITUDE DP	DGTZD	OFFICE FIELD		

LIGHTS	GOVERNORS ISLAND EAST RACK	00 00 00.00	0.0	NOT UNVERIFIED	745
LIGHTS		00 00 00.00	0.0	DGTZD	541
					12327
LIGHTS	GOVERNORS ISLAND WEST RACK	00 00 00.00	0.0	NOT UNVERIFIED	745
LIGHTS		00 00 00.00	0.0	DGTZD	541
					12327
LIGHT	MANHATTAN BASE PIER LIGHT	00 00 00.00	0.0	NOT UNVERIFIED	745
		00 00 00.00	0.0	DGTZD	541
					12327
LIGHT	GOVERNORS ISLAND CENTER RACK	00 00 00.00	0.0	NOT UNVERIFIED	745
EAST LIGHT		00 00 00.00	0.0	DGTZD	541
					12327
LIGHT	GOVERNORS ISLAND CENTER RACK	00 00 00.00	0.0	NOT UNVERIFIED	745
WEST LIGHT		00 00 00.00	0.0	DGTZD	541
					12327
	NEW YORK HARBOR				
	MAIN CHANNEL				
LIGHT	GOVERNORS ISLAND EXTENSION LT	40 41 08.43	260.0	NOT 74EC7139	745
	(GOVERNORS ISLAND SW LT 1930)	74 01 36.80	864.1	DGTZD 10/19/74	541
					12327
LIGHT	GOVERNORS ISLAND LIGHT	40 41 34.26	1056.8	NOT 74EC7139	745
	(GOVERNORS ISLAND NW LT 1932)	74 01 12.23	287.2	DGTZD 10/19/74	541
					12327

27

TYPE OF ACTION	NAMES OF RESPONSIBLE PERSONNEL	ORIGINATOR
POSITIONS DETERMINED	NO FIELD EDIT-CLASS III MAP	FIELD REPRESENTATIVE
AND/OR VERIFIED BY	G. VANDERHAVEN	OFFICE COMPILER
FIELD AND OFFICE	L. HARROD	DIGITIZER
ACTIVITIES	G. FROMM	DATA PROCESSOR

* SVY TP-00740 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 3 OF 7 *
* JOB CM-7301 * NONFLOATING AIDS FOR CHARTS * STATE NEW YORK NEW JERSEY *
* PRJ N Y HARBOR * TO BE REVISED * LOCALITY UPPER BAY-HUDSON R * ORIGINATING ACTIVITY *
* DTM NA 1927 * * DATE 09/08/77 * COMPILATION *

* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *

* DESCRIPTION *	* POSITION *	* CMD *	* METHOD AND DATE *	* CHARTS *
* RECORD REASON FOR DELETION *	* LATITUDE DM *	* ALTEK *	* OF LOCATION *	* CHARTS *
* NAME * PUT TRIANGULATION NAMES IN () *	* LONGITUDE DP *	* DGTZD *	* OFFICE * FIELD *	* AFFECTED *

* UPPER BAY *				
* BUTTERMILK CHANNEL *				

* -RGE F *	* 40 41 03.21	* 99.0	* 74EC7139 *	* 745 *
* LIGHT *	* 74 00 39.99	* 939.1	* 10/19/74 *	* 541 *
				12327 *
* -RGE R *	* 40 41 08.52	* 262.8	* 74EC7139 *	* 745 *
* LIGHT *	* 74 00 25.17	* 591.0	* 10/19/74 *	* 541 *
				12327 *

* UPPER BAY *				
* CLAREMONT TERMINAL CHANNEL *				

* -RGE F *	* 00 00 00.00	* 0.0	* NOT *UNVERIFIED*	* 541 *
* LIGHT *	* 00 00 00.00	* 0.0	* DGTZD *	* 12327 *
				12328 *

* UPPER BAY *				
* NATIONAL DOCKS CHANNEL *				

* HORN * STATUTE OF LIBERTY FOG SIGNAL *	* 00 00 00.00	* 0.0	* NOT *UNVERIFIED*	* 745 *
	* 00 00 00.00	* 0.0	* DGTZD *	* 541 *
				12327 *

* TYPE OF ACTION *	* NAMES OF RESPONSIBLE PERSONNEL *	* ORIGINATOR *
* POSITIONS DETERMINED *	* NO FIELD EDIT-CLASS III MAP *	* FIELD REPRESENTATIVE *
* AND/OR VERIFIED BY *	* G. VANDERHAVEN *	* OFFICE COMPILER *
* FIELD AND OFFICE *	* L. HARROD *	* DIGITIZER *
* ACTIVITIES *	* G. FROMM *	* DATA PROCESSER *

* SVY TP-00740 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 4 OF 7 *
* JOB CM-7301 * LANDMARKS FOR CHARTS * STATE NEW YORK NEW JERSEY *
* PPJ N Y HARBOR * TO BE REVISED * LOCALITY UPPER BAY-HUDSON R * ORIGINATING ACTIVITY *
* DTM NA 1927 * * DATE 09/08/77 * COMPILATION *

* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *

* DESCRIPTION *	* POSITION *	* CMD *	* METHOD AND DATE *	* CHARTS *
* CHARTING* RECORD REASON FOR DELETION *	* LATITUDE DM *	* ALTEK* OF LOCATION *	* CHARTS *	* CHARTS *
* NAME * PUT TRIANGULATION NAMES IN () *	* LONGITUDE DP *	* DGTZD* OFFICE * FIELD *	* AFFECTED*	* AFFECTED*
* TOWER * ✓	* 40 44 05.37	* 165.6	* 74EC7140 *	* 745 *
* 74 01 39.96	* 937.7	* 10/19/74 *	* 12327 *	* 12328 *
* TUNNEL * (HOBOKEN HOLLAND TUNNEL	* 40 43 41.90	* 1292.5 NOT *	* 74EC7140 *	* 745 *
* VENT * BREATHER 1932) ✓	* 74 01 38.23	* 897.2 DGTZD*	* 10/19/74 *	* 12327 *
* TOWER * (JERSEY CITY PENN RR	* 40 43 09.88	* 304.8 NOT *	* 74EC7139 *	* 745 *
* STOREHOUSE N FLAGPOLE 1932) ✓	* 74 01 59.92	* 1406.3 DGTZD*	* 10/19/74 *	* 12327 *
* TOWER * (JERSEY CITY PENN RR	* 40 43 05.92	* 182.6 NOT *	* 74EC7139 *	* 745 *
* STOREHOUSE S FLAGPOLE 1932) ✓	* 74 02 00.70	* 16.4 DGTZD*	* 10/19/74 *	* 12327 *
* STACK * (JERSEY CITY COLGATE PALMOLIVE	* 40 42 52.22	* 1610.8 NOT *	* 74EC7139 *	* 745 *
* AND PEET CO N TWIN CHY 1932) ✓	* 74 02 07.94	* 186.4 DGTZD*	* 10/19/74 *	* 12327 *
* STACK * (JERSEY CITY COLGATE PALMOLIVE	* 40 42 51.83	* 1598.8 NOT *	* 74EC7139 *	* 745 *
* AND PEET CO S TWIN CHY 1932) ✓	* 74 02 07.43	* 174.4 DGTZD*	* 10/19/74 *	* 12327 *
* TOWER * (C R R NEW JERSEY STATION 4	* 40 42 25.63	* 790.6 NOT *	* 74EC7139 *	* 745 *
* USE 1931) ✓	* 74 02 07.11	* 166.9 DGTZD*	* 10/19/74 *	* 12327 *
* TANK * (ELLIS ISLAND SOUTH TWIN	* 40 41 59.68	* 1840.9 NOT *	* 74EC7139 *	* 745 *
* TANK 1930) ✓	* 74 02 25.87	* 607.4 DGTZD*	* 10/19/74 *	* 541 *
* TANK * (ELLIS ISLAND NORTH TWIN	* 40 42 00.19	* 5.9 NOT *	* 74EC7139 *	* 745 *
* TANK 1930) ✓	* 74 02 25.21	* 591.9 DGTZD*	* 10/19/74 *	* 541 *
* CHY * (ELLIS ISLAND CHY 1930)	* 40 42 00.40	* 12.3 NOT *	* 74EC7139 *	* 745 *
* ✓	* 74 02 26.18	* 614.6 DGTZD*	* 10/19/74 *	* 541 *

TYPE OF ACTION

NAMES OF RESPONSIBLE PERSONNEL

ORIGINATOR

POSITIONS DETERMINED
AND/OR VERIFIED BY
FIELD AND OFFICE
ACTIVITIES

NO FIELD EDIT-CLASS III MAP
G. VANDERHAVEN
L. HARROD
G. FROMM

FIELD REPRESENTATIVE
OFFICE COMPILER
DIGITIZER
DATA PROCESSER

76-40
LISTINGPHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISIONNATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USADATATAB
VERSION
770818

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* SVY TP-00740 *
* JOB CM-7301 * LANDMARKS FOR CHARTS
* PRJ N Y HARBOR* TO BE REVISED
* DTM NA 1927 *
* RPT UNIT CMD ROCKVILLE, MD. * PAGE 5 OF 7 *
* STATE NEW YORK NEW JERSEY*
* LOCALITY UPPER BAY-HUDSON R *ORIGINATING ACTIVITY*
* DATE 09/08/77 * COMPILATION *
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* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *
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* DESCRIPTION * POSITION * METHOD AND DATE *
* CHARTING* RECORD REASON FOR DELETION * LATITUDE DM ALTEK* OF LOCATION * CHARTS *
* NAME * PUT TRIANGULATION NAMES IN ( ) * LONGITUDE DP DGTZD* OFFICE * FIELD *AFFECTED*
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* STACK * * 40 41 52.60 1622.5 * 74EC7139 * * 745 *
* * * ✓ 74 02 37.20 873.4 * 10/19/74 * * 541 *
* * * * * * * * * 12327 *
* TANK * * 40 41 52.27 1612.3 * 74EC7139 * * 745 *
* * * ✓ 74 03 00.72 16.9 * 10/19/74 * * 541 *
* * * * * * * * * 12327 *
* CHY * * 40 41 51.92 1601.5 * 74EC7139 * * 745 *
* * * ✓ 74 03 01.19 27.9 * 10/19/74 * * 541 *
* * * * * * * * * 12327 *
* TORCH * (STATUE OF LIBERTY 1887) * 40 41 20.66 637.3 NOT * 74EC7139 * * 745 *
* * * ✓ 74 02 41.86 982.9 DGTZD* 10/19/74 * * 541 *
* * * * * * * * * 12327 *
* STACK * * 40 40 05.40 166.6 * 74EC7138 * * 541 *
* * * ✓ 74 04 58.05 1363.5 * 10/19/74 * * *
* * * * * * * * * 12327 *
* CUPOLA * (GOVERNORS ISLAND CUPOLA 1930) * 40 41 22.31 688.2 NOT * 74EC7139 * * 745 *
* * * ✓ 74 01 08.40 197.2 DGTZD* 10/19/74 * * 541 *
* * * * * * * * * 12327 *
* FLAG- * * 40 41 30.70 947.0 * 74EC7139 * * 745 *
* POLE * * ✓ 74 00 58.86 1382.0 * 10/19/74 * * 541 *
* * * * * * * * * 12327 *
* CHRUCH * * 40 41 17.81 549.4 * 74EC7139 * * 745 *
* TOWER * * 74 00 54.97 1290.8 * 10/19/74 * * 541 *
* * * * * * * * * 12327 *
* ELEV- * ( NEW YORK GRAIN ELEVATOR 1931) * 40 40 07.70 237.5 NOT * 74EC7139 * * 745 *
* ATOR * * 74 00 25.41 596.8 DGTZD* 10/19/74 * * 541 *
* * * * * * * * * 12327 *
* STACK * * 40 40 26.50 817.4 * 74EC7139 * * 745 *
* * * ✓ 74 00 54.57 1281.6 * 10/19/74 * * 541 *
* * * * * * * * * 12327 *
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* TYPE OF ACTION * NAMES OF RESPONSIBLE PERSONNEL * ORIGINATOR *
* * * * *
* * * * *
* * * * *
* * * * *
* POSITIONS DETERMINED * NO FIELD EDIT-CLASS III MAP * FIELD REPRESENTATIVE *
* AND/OR VERIFIED BY * G. VANDERHAVEN * OFFICE COMPILER *
* FIELD AND OFFICE * L. HARROD * DIGITIZER *
* ACTIVITIES * G. FROMM * DATA PROCESSER *
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* SVY TP-00740 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 6 OF 7 *
* JOB CM-7301 * LANDMARKS FOR CHARTS * STATE NEW YORK NEW JERSEY *
* PRJ N Y HARBOR * TO BE REVISED * LOCALITY UPPER BAY-HUDSON R * ORIGINATING ACTIVITY *
* DTM NA 1927 * * DATE 09/08/77 * COMPILATION *

* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *

* DESCRIPTION *	* POSITION *	* CMD *	* METHOD AND DATE *	* CHARTS *
* CHARTING* RECORD REASON FOR DELETION *	* LATITUDE DM *	* ALTEK* OF LOCATION *	* CHARTS *	* CHARTS *
* NAME * PUT TRIANGULATION NAMES IN () *	* LONGITUDE DP *	* DGTZD* OFFICE *	* FIELD *	* AFFECTED*
* TANK * (RED HOOK NY DOCK CO SOUTH	* 40 40 36.73	1133.0	NOT * 74EC7139 *	* 745 *
* * TWIN TANK 1930)	* 74 01 03.19	74.9	DGTZD* 10/19/74 *	* 541 *
				12327 *
* TANK * (RED HOOK NY DOCK CO NORTH	* 40 40 28.83	889.3	NOT * 74EC7139 *	* 745 *
* * TWIN TANK 1930)	* 74 01 04.00	93.9	DGTZD* 10/19/74 *	* 541 *
				12327 *
* TANK *	* 40 40 04.97	153.3	* 74EC7139 *	* 541 *
* *	* 74 01 06.45	151.5	* 10/19/74 *	* 12327 *
				12328 *
* BLDG * FIRST NATIONAL CITY BANK BLDG	* 40 42 19.28	594.7	* 74EC7140 *	* 745 *
* *	* 74 00 36.31	852.4	* 10/19/74 *	* 12327 *
				12328 *
* BLDG * (DOHERTY BUILDING, TALL BLDG	* 40 42 22.77	702.4	NOT * 74EC7140 *	* 745 *
* * WITH RED LIGHT 1932)	* 74 00 29.04	681.7	DGTZD* 10/19/74 *	* 12327 *
				12328 *
* BLDG * (MANHATTAN WOOLWORTH BUILDING	* 40 42 44.22	1364.0	NOT * 74EC7140 *	* 745 *
* * TOWER 1932)	* 74 00 30.89	725.1	DGTZD* 10/19/74 *	* 12327 *
				12328 *
* NORTH ✓ BLDG * WORLD TRADE CENTER NORTH BLDG	* 40 42 39.25	1210.7	* 74EC7140 *	* 745 *
* BLDG *	* 74 00 48.80	1145.5	* 10/19/74 *	* 12327 *
				12328 *
* SOUTH ✓ BLDG * WORLD TRADE CENTER SOUTH BLDG	* 40 42 43.26	1334.4	* 74EC7140 *	* 745 *
* BLDG *	* 74 00 49.11	1152.8	* 10/19/74 *	* 12327 *
				12328 *
* TUNNEL * TUNNEL VENTELATOR (MANHATTAN	* 40 43 35.21	1086.1	NOT * 74EC7140 *	* 745 *
* VENT * HOLLAND TUNNEL BREATHER 1932)	* 74 00 55.32	1298.2	DGTZD* 10/19/74 *	* 12327 *
				12328 *
* FLAG- * (MANHATTAN NEW YORK TELEPHONE	* 40 42 49.22	1518.3	NOT * 74EC7140 *	* 745 *
* POLE * CO BUILDING FLAGPOLE 1932)	* 74 00 48.07	1128.3	DGTZD* 10/19/74 *	* 12327 *
				12328 *

TYPE OF ACTION

NAMES OF RESPONSIBLE PERSONNEL

ORIGINATOR

POSITIONS DETERMINED
AND/OR VERIFIED BY
FIELD AND OFFICE
ACTIVITIES

NO FIELD EDIT-CLASS III MAP
G. VANDERHAVEN
L. HARROD
G. FROMM

FIELD REPRESENTATIVE
OFFICE COMPILER
DIGITIZER
DATA PROCESSER

* SVY TP-00740 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 7 OF 7 *
* JOB CM-7301 * LANDMARKS FOR CHARTS * STATE NEW YORK NEW JERSEY *
* PRJ N Y HARBOR * TO BE REVISED * LOCALITY UPPER BAY-HUDSON R * ORIGINATING ACTIVITY *
* DTM NA 1927 * * DATE 09/08/77 * COMPILATION *

* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *

* DESCRIPTION *	* POSITION *	* CMD *	* METHOD AND DATE *	* CHARTS *
* CHARTING* RECORD REASON FOR DELETION *	* LATITUDE DM *	* ALTEK* *	* OF LOCATION *	* CHARTS *
* NAME * PUT TRIANGULATION NAMES IN () *	* LONGITUDE DP *	* DGTZD* *	* OFFICE * FIELD *	* AFFECTED *

* CHARTED LDMK(S) NOT VISIBLE ON COMPILATION PHOTOS AND APPEAR *
* DESTROYED. APPROX. POSITION(S) SCALED FROM EXISTING CHART. *
* * *

* TANK *	* 40 41 13.00	* 401.0	* NOT *	* 745 *
* *	* 74 00 20.00	* 469.6	* DGTZD*	* *

* STACK * (DELETED L-81670)	* 40 44 40.00	* 1233.9	* NOT *	* 287 *
* *	* 74 04 43.00	* 1008.8	* DGTZD*	* 12327 *

* SIX * AREA UNDER RE-DEVELOPMENT	* 40 44 44.00	* 1357.2	* NOT *	* 287 *
* STACKS *	* 74 04 25.00	* 586.5	* DGTZD*	* 12327 *

* STACK * AREA UNDER RE-DEVELOPMENT	* 40 44 43.00	* 1326.4	* NOT *	* 287 *
* *	* 74 04 45.00	* 1055.8	* DGTZD*	* 12327 *

* STACK * AREA UNDER RE-DEVELOPMENT	* 40 44 43.00	* 1326.4	* NOT *	* 287 *
* *	* 74 04 46.00	* 1079.2	* DGTZD*	* 12327 *

* STACK * AREA UNDER RE-DEVELOPMENT	* 40 44 42.00	* 1295.6	* NOT *	* 287 *
* *	* 74 04 52.00	* 1220.0	* DGTZD*	* 12327 *

* CHARTED LDMK(S) NOT VISIBLE ON COMPILATION PHOTOS AND APPEAR *
* DESTROYED. CONDITION OF TRIANGULATION STATION UNKNOWN. *
* * *

* MUNI * (MANHATTAN MUNICIPAL BUILDING	* 40 42 46.26	* 1426.9	* NOT *	* 745 *
* BLDG * TOWER 1932)	* 74 00 14.50	* 340.4	* DGTZD*	* 2 *

* TYPE OF ACTION *	* NAMES OF RESPONSIBLE PERSONNEL *	* ORIGINATOR *
* POSITIONS DETERMINED	* NO FIELD EDIT-CLASS III MAP	* FIELD REPRESENTATIVE
* AND/OR VERIFIED BY	* G. VANDERHAVEN	* OFFICE COMPILER
* FIELD AND OFFICE	* NOT DIGITIZED	* DIGITIZER
* ACTIVITIES	* G. FROMM	* DATA PROCESSER

TP-00740

National Archives Data

None