

ORIGINAL X

TP-00741

Nov 745 IN
369 REPOS

TP-00741

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-00741
Classification No. III Edition No. ... 1

LOCALITY

State ... New York
General Locality ... Manhattan
Locality ... East River

1974 TO 19 75

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP. 00741	
DESCRIPTIVE REPORT - DATA RECORD				☒ ORIGINAL		MAP EDITION NO. (1)	
				☐ RESURVEY		MAP CLASS III	
				☐ REVISED		JOB CM- 7301	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division (Rockville)				LAST PRECEDING MAP EDITION			
OFFICER-IN-CHARGE Cdr. James Collins				TYPE OF SURVEY		JOB PH-	
				☐ ORIGINAL		MAP CLASS	
				☐ RESURVEY		SURVEY DATES:	
				☐ REVISED		19__ TO 19__	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Instructions-AEROTRIANGULATION-3/27/75				Instructions-FIELD-1/23/74			
Instructions-OFFICE - 8/7/75				Instructions-FIELD-Admendment-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 Transverse 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				I. Raborn		9/75	
METHOD: Analytic LANDMARKS AND AIDS BY				N/A			
2. CONTROL AND BRIDGE POINTS PLOTTED BY				S. Solbeck		9/75	
METHOD: Coradomat CHECKED BY				N/A			
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				B. Dormier		7/76	
COMPILATION CHECKED BY				G. Fromm		7/76	
INSTRUMENT: B-8				CONTOURS BY		N/A	
SCALE: 1:15,000				CHECKED BY		N/A	
4. MANUSCRIPT DELINEATION PLANIMETRY BY				B. Dormier		8/9/76	
CHECKED BY				G. Fromm		8/17/76	
METHOD: Smooth Drafting				CONTOURS BY		N/A	
HYDRO SUPPORT DATA BY				N/A			
SCALE: 1:10,000				CHECKED BY		N/A	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				G. Fromm		10/14/76	
				N/A			
6. APPLICATION OF FIELD EDIT DATA BY				N/A			
CHECKED BY				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. Carter		May 1978	

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00741
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) RC-8(E) RC-10(B) Focal Lengths 152.7mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR		ZONE	XX STANDARD
☒ PREDICTED TIDES		(P) PANCHROMATIC		Eastern	
☐ REFERENCE STATION RECORDS		(I) INFRARED B&W		MERIDIAN	☐ DAYLIGHT
☒ TIDE CONTROLLED PHOTOGRAPHY				75th	

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
74E(C) 7139-7143	10/19/74	1218-1220	1:30,000	* -0.2 Ft. MHW
74E(C) 7076-7080	10/19/74	1146-1148	1:30,000	* +0.6 Ft. MHW
75B(I) 5964R-5967R	10/3/75	1152-1156	1:30,000	Refer to following page for tide information.

REMARKS * - Computation from Predicted Tide Tables.

All listed photography ratioed to 1:10,000

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the mean high water line is the photography listed above in 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 for the mean low water line is the ratio prints of the black-and-white,
tide-coordinated infrared photography listed above in 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-00883 of (Job No. CM-7403)	No contemp. survey	TP-00745	TP-00740

REMARKS

The interior portion joins TP-00164 (1:5,000 scale inset) of this same
job number CM-7301.

NOAA FORM 76-36B(1)
(7-75)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TIDE - COORDINATED PHOTOGRAPHY

TP - 00741

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE in feet	MEAN RANGE in feet
	BATTERY (Reference Station)		4.5
75B5964R-5967R (East River)	East 41st Street (Sub.Sta.)	+ .21 MLW	4.3
75B5964R-5967R (East River)	Brooklyn Bridge (Sub.Sta.)	- .56 MLW	4.3
NOTE: Reference station <u>ONLY</u> was observed at time of photography.			

REMARKS:

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

RECORD OF SURVEY USE

TP-00741

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

TP-00741

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

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

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

Premarked control

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
74-C(C) 886	Club 1931		
74-E(C) 6862			

3. PHOTO NUMBERS (Clarification of details)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

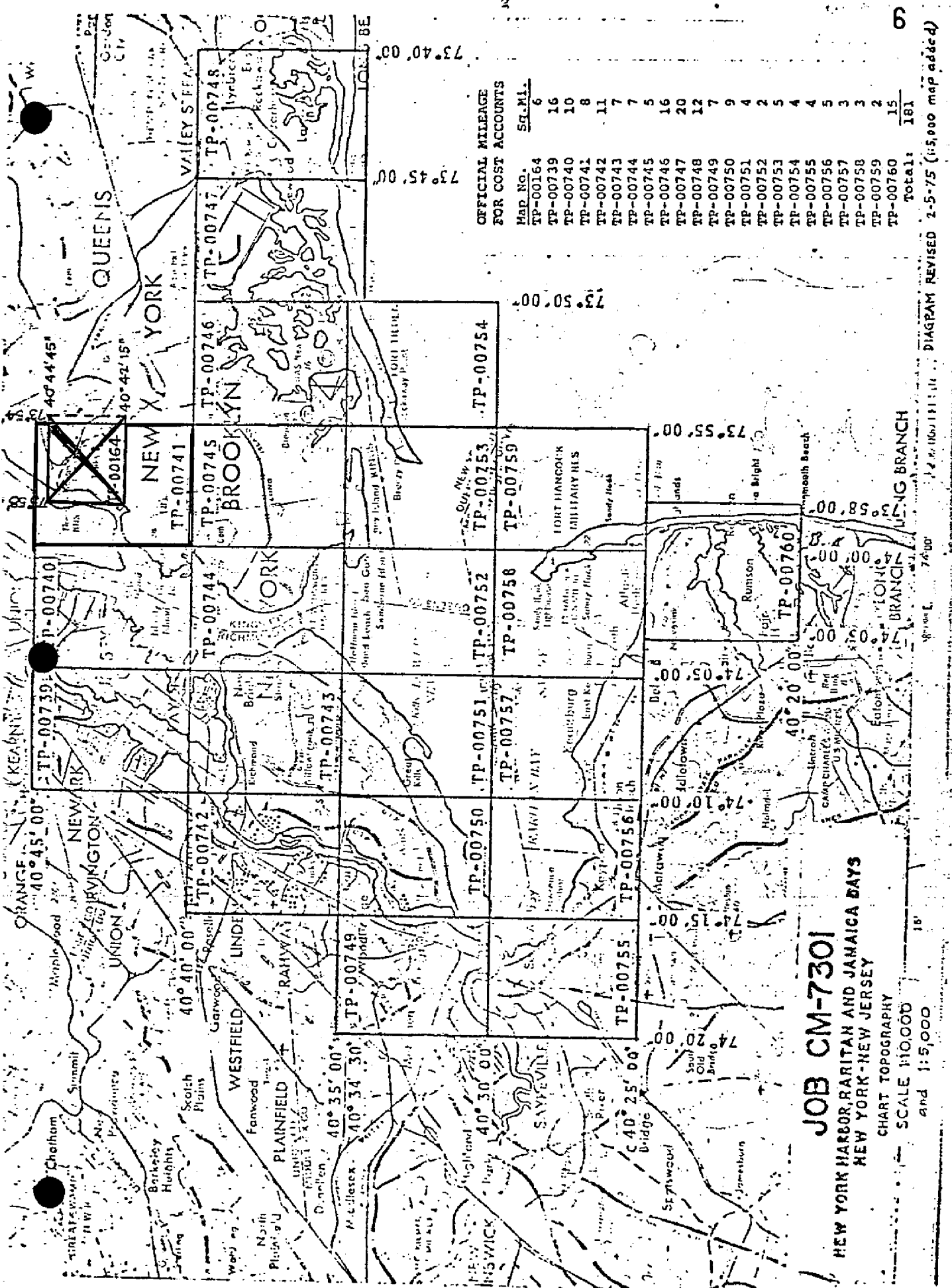
5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

1 C&GS form 152 (control station identification)



JOB CM-7301
NEW YORK HARBOR, RARITAN AND JAMAICA BAYS
NEW YORK-NEW JERSEY
 CHART TOPOGRAPHY
 SCALE 1:10,000
 and 1:5,000

OFFICIAL MILEAGE
 FOR COST ACCOUNTS

Map No.	Sq. Mi.
TP-00164	6
TP-00739	16
TP-00740	10
TP-00741	8
TP-00742	11
TP-00743	7
TP-00744	5
TP-00745	16
TP-00746	20
TP-00747	12
TP-00748	7
TP-00749	9
TP-00750	4
TP-00751	2
TP-00752	5
TP-00753	4
TP-00754	4
TP-00755	4
TP-00756	5
TP-00757	3
TP-00758	3
TP-00759	2
TP-00760	15
Total:	181

DIAGRAM REVISED 2-5-75 (15,000 map added)

LONG BRANCH

LONG BRANCH

LONG BRANCH

LONG BRANCH

LONG BRANCH

LONG BRANCH

LONG BRANCH

LONG BRANCH

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

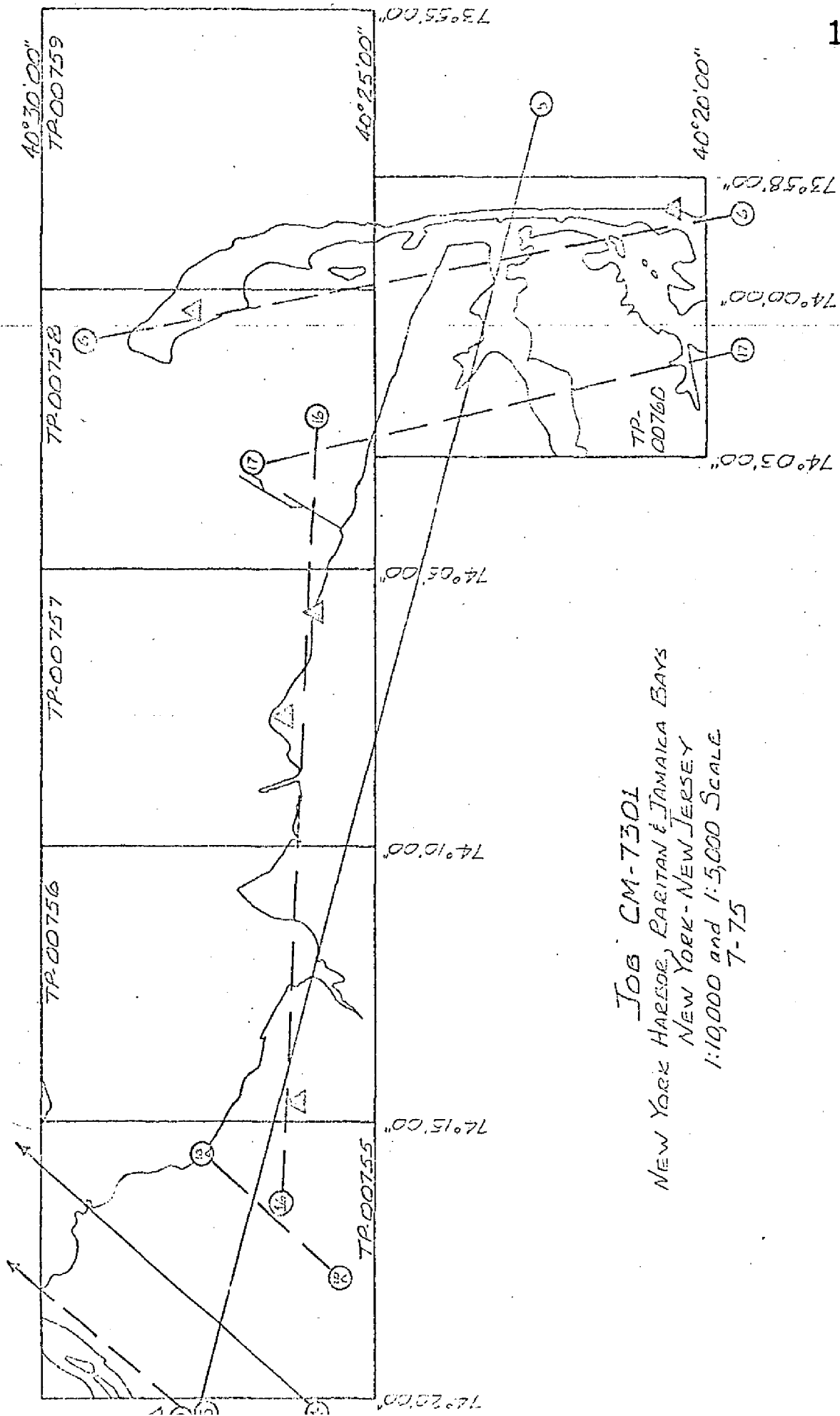
The photography was adequate as to coverage and overlap except for the 1:5,000 scale sheet, TP-00164. This photography has not been taken as of this report. Definition of the photography at all scales was very poor due to haze at time of photography.

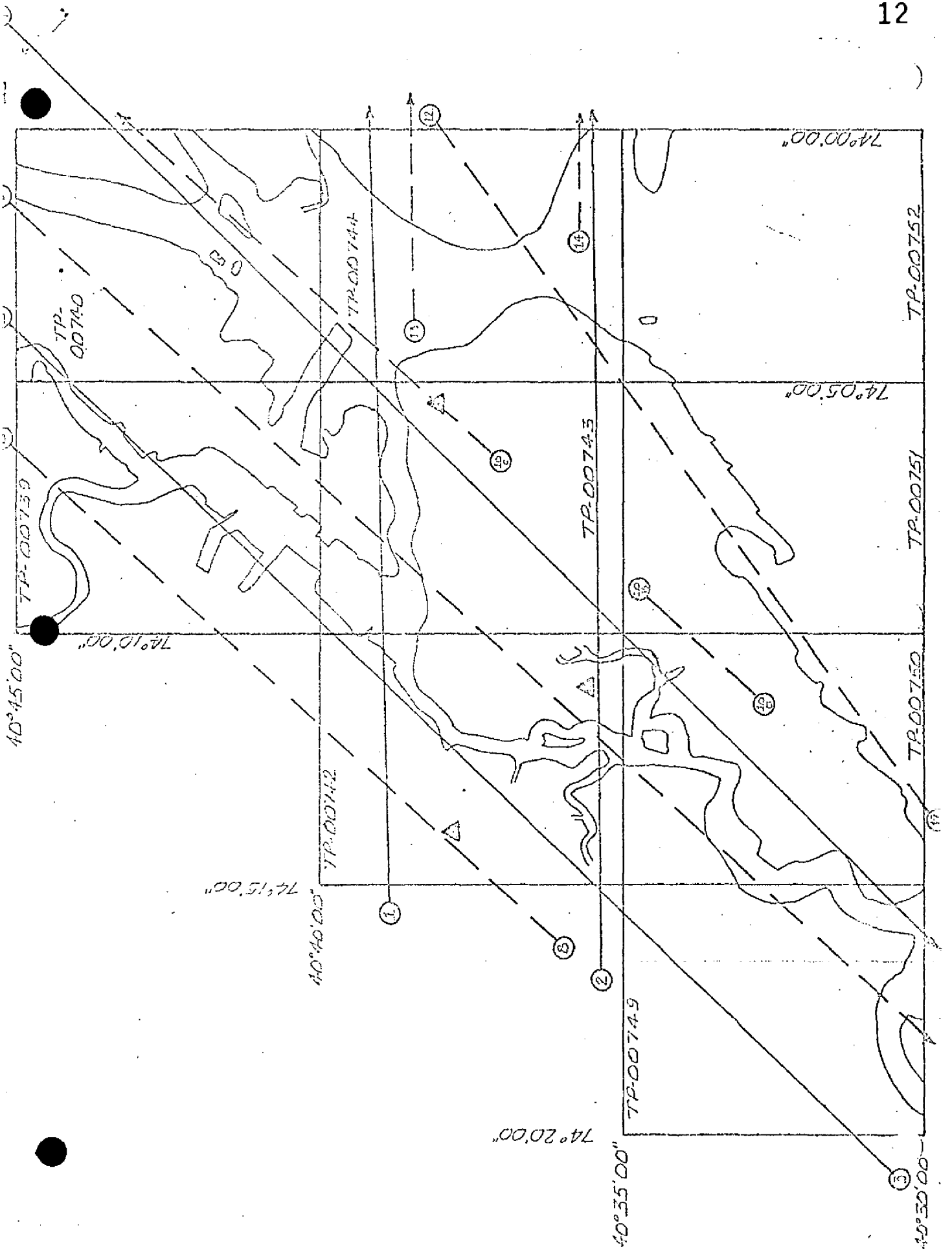
Respectfully submitted,

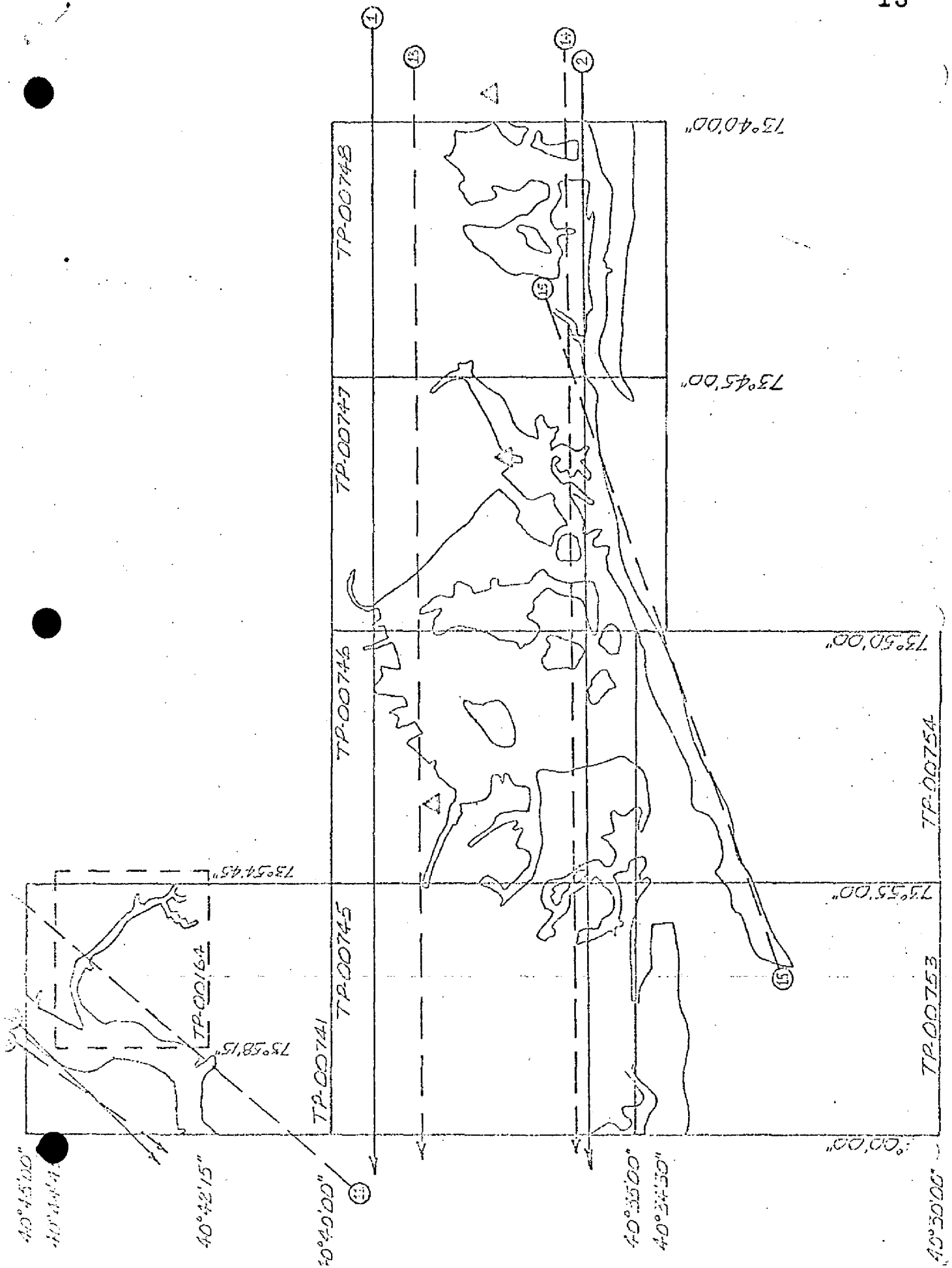
Ivy O. Raborn
Ivy O. Raborn

Approved and forwarded:

John D. Perrow, Jr.
John D. Perrow, 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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY Coastal Mapping Division Rockville, Maryland	REMARKS
STATION NAME	SOURCE OF INFORMATION (Index)	COORDINATES IN FEET STATE _____ ZONE _____	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	
TP-00741	CM-7301	N/A 1927		
Brooklyn Edison Co. East Stack 1932	NY Vol. II G.P.-P.114	885111	ϕ 40-42-18.631 λ 73-58-48.359	
Brooklyn Edison Co. West Stack 1932	NY Vol. II G.P.-P.115		ϕ 40-42-18.714 λ 73-58-51.860	
Empire State Bldg. 1932	NY Vol. II G.P.-P.14	886114	ϕ 40-44-53.984 λ 73-59-09.842	
Manhattan Metro Life Ins. Co. Bldg. Cupola 1932	NY Vol. II G.P.-P.149	58	ϕ 40-44-28.191 λ 73-59-15.999	
Blackwells Island Reef Beacon 1932	NY Vol. II G.P.-P.148	59	ϕ 40-44-46.895 λ 73-57-53.623	
Manhattan Edison Gas & Elec. Co. N. Twin Stack 1932	NY Vol. II G.P.-P.149	57	ϕ 40-43-39.016 λ 73-58-24.177	
Manhattan Edison Gas & Elec. Co. S. Twin Stack 1932	NY Vol. II G.P.-P.147		ϕ 40-43-38.421 λ 73-58-22.772	
Brooklyn Nat'l. City Bank Bldg. Flagpole 1932	NY Vol. II G.P.-P.114	52	ϕ 40-41-36.612 λ 73-59-28.620	
Brooklyn Amer T&T Bldg. Flagpole 1932	NY Vol. II G.P.-P.114	53	ϕ 40-41-32.831 λ 73-59-07.332	
Brooklyn Williamsburg Savings Bank Bldg. Tower 1930	NY Vol. II G.P.-P.114	11	ϕ 40-41-07.414 λ 73-58-41.360	
COMPUTED BY N/A		DATE	COMPUTATION CHECKED BY N/A	DATE
LISTED BY G. Vanderhaven		DATE 11/7/75	LISTING CHECKED BY G. Fromm	DATE 11/7/75
HAND PLOTTING BY N/A		DATE	HAND PLOTTING CHECKED BY N/A	DATE

NOAA FORM 76-41
(5-75)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO. CM-7301	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM N/A 1927		GEOGRAPHIC POSITION		REMARKS
				STATE	ZONE	ϕ LATITUDE	λ LONGITUDE	
TP-00741	Brooklyn Technical High School Radio Tower 1941	NY Vol. II		X=		ϕ 40-41-21.532		
		G.P.-P.197		Y=		λ 73-58-37.173		
	Brooklyn Green Range Light 1933	NY Vol. II		X=		ϕ 40-41-55.382		Not plotted
		G.P.-P.246		Y=		λ 73-59-51.298		
	Long Island City St. Johns Hospital Dome 1932	NY Vol. II		X=		ϕ 40-44-48.302		
		G.P.-P.147		Y=		λ 73-56-39.306		
	Brooklyn St. Marks Evangelical Lutheran Church Spire 1932	NY Vol. II	12	X=		ϕ 40-41-52.597		Not plotted
		G.P.-P.115		Y=		λ 73-56-03.749		
	Blissville St. Raephels Cath. Church Spire 1932	NY Vol. II		X=		ϕ 40-44-13.741		Not plotted
		G.P.-P.147	13	Y=		λ 73-55-49.096		
				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 11/7/75	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.

TP-00741
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.

There is no infrared photo coverage on the eastern shoreline of the East River above the Manhattan Bridge.

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 color photography.

Alongshore and foreshore features were delineated by office interpretation of the color photography and updated by graphic compilation from the 1975 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.

There was no preliminary field inspection of the shoreline.

36. Offshore Details

No unusual problems were encountered in compiling details offshore.

* Refer to REVIEW REPORT, item 67.

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 :

Brooklyn, 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:

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

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

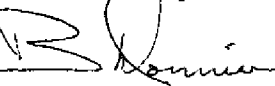
12328 (formerly 369-SC), Scale 1:40,000, 12th Edition, dated February 1, 1975.

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

Items to be applied to Nautical Charts immediately - None.

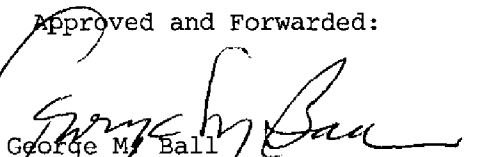
Items to be carried forward - None.

Submitted by:



B. Dormier

Approved and Forwarded:



George M. Ball

Chief, Special Projects Section

COMPILATION OFFICE CHECK LIST

CLASS III MANUSCRIPT

TP - 00741

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. Fromm
14 Oct 76Supervisor James W. Bann



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-00741

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 46 in the Compilation Report bound with this Descriptive Report.

66. Adequacy of Results and Future Surveys

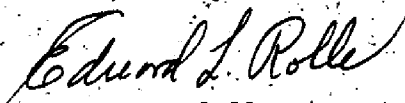
This map meets the National Standards of Map Accuracy and complies with compilation instructions and Bureau standards.

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 along the eastern shoreline of the East River north of the Manhattan Bridge, for lack of sufficient tide coordinated photography.

Submitted by:

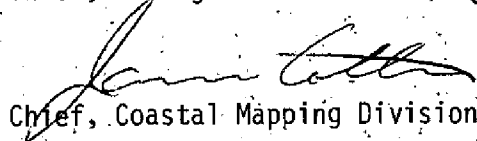


Edward L. Rolle

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-00741

Belmont Island

Brooklyn

Brooklyn Heights

Chinatown

Corlears Hook

East River

Fort Greene

Long Island City

Manhattan

Navy Yard Basin

Park Slope

Queens

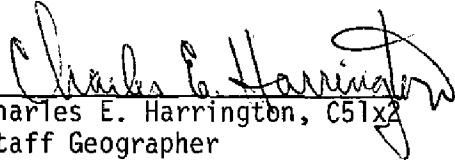
South Brooklyn

Wallabout Bay

Wallabout Channel

Welfare Island

Approved by:


Charles E. Harrington, C51x2
Staff Geographer

TP-00741

National Archives Data

1 C&GS Form 152 (Control Station Identification)

Photography: 74-C(C)886 and 74-E(C) 6862

