

ORIGINAL

TP-00746

TP-00746

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-00746....  
Classification No. III Edition No. ...1.....

### LOCALITY

State ..... New York.....  
General Locality .. Kings Co-Queens Co... N.Y.....  
Locality ..... Jamaica Bay.....

1974 TO 19 75

### REGISTRY IN ARCHIVES

DATE .....

10



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

## DESCRIPTIVE REPORT - DATA RECORD

## TYPE OF SURVEY

- ☒ ORIGINAL  
☐ RESURVEY  
☐ REVISED

SURVEY TP. 00746

MAP EDITION NO. (1)

MAP CLASS III

JOB CM-7301

## PHOTOGRAMMETRIC OFFICE

Coastal Mapping Division (Rockville)

## OFFICER-IN-CHARGE

Commander James Collins

## LAST PRECEDING MAP EDITION

## TYPE OF SURVEY

- ☐ ORIGINAL  
☐ RESURVEY  
☐ REVISED

JOB PH. \_\_\_\_\_

MAP CLASS \_\_\_\_\_

SURVEY DATES:

19\_\_ TO 19\_\_

## I. INSTRUCTIONS DATED

## 1. OFFICE

Instructions-AEROTRIANGULATION-3/27/75

Instructions-OFFICE-8/7/75

## 2. FIELD

Instructions-FIELD-1/23/74

Instructions-FIELD-Amendment I-2/27/74

Instructions-FIELD-Amendment II-8/12/74

Instructions-FIELD-Supplement I-4/16/75

Instructions-FIELD-Supplement II-10/6/75

## 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	8/74
METHOD: Analytic	LANDMARKS AND AIDS BY	N/A	
2. CONTROL AND BRIDGE POINTS	PLOTTED BY	S. Solbeck	2/9/76
METHOD: Coradomat	CHECKED BY	N/A	
3. STEREOSCOPIC INSTRUMENT	PLANIMETRY BY	K. Baker	5/76
COMPILATION	CHECKED BY	G. Fromm	5/76
INSTRUMENT: Wild B-8	CONTOURS BY	N/A	
SCALE: 1:15,000	CHECKED BY	N/A	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	K. Baker	6/76
	CHECKED BY	G. Fromm	7/2/76
METHOD: Smooth Drafting	CONTOURS BY	N/A	
	CHECKED BY	N/A	
SCALE: 1:10,000	HYDRO SUPPORT DATA BY	N/A	
	CHECKED BY	N/A	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	G. Fromm	10/14/76
	BY	N/A	
6. APPLICATION OF FIELD EDIT DATA	CHECKED BY	G. Fromm N/A	10/14/76
7. COMPILATION SECTION REVIEW	BY	E. L. Rolle 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 76-36A

SUPERSEDES FORM C&amp;GS 181 SERIES

\* U. S. G.P.O. 1972-769382/582 REG.#6



NOAA FORM 76-36B  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYTP-00746  
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 (P) PANCHROMATIC (I) INFRARED B&W		ZONE	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Eastern	
				MERIDIAN	
				75th	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
74E(C) 7043-7047	10/19/74	1111-1119	1:30,000	* +.36 Ft. MHW	
74E(C) 7061-7065	10/19/74	1125-1132	1:30,000	* +.24 Ft. MHW	
(I) 75B5986R-5989R	10/3/75	1221-1225	1:30,000	Refer to following page for tide data	
(I) 75B5944R-5948R	10/3/75	1130-1135	1:30,000		

## REMARKS

\* Computation from Predicted Tide Table 3.  
All of the above photography was ratioed to 1:10,000.

## 2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the mean high water line <sup>is</sup> ~~was~~ the natural color photography listed under item I.

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

The source of the mean low water line was ratioed prints of the black-and-white, tide-coordinated infrared photography listed under item I.

## 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
No contemp. survey	TP-00747	TP-00754	TP-00745

## REMARKS

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

## TIDE - COORDINATED PHOTOGRAPHY

TP - 00746

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE in feet	MEAN RANGE in feet
	SANDY HOOK (Reference Station)		4.6
75B5986R-5989R (Mill Basin)	Mill Basin (Sub.Sta.)	-.65 MLW	5.2
Rockaway Inlet	Barren Island (Sub.Sta.)	-.59 MLW	5.0
75B5944R-5948R (Jamaica Bay)	Canarsie (Sub.Sta.)	-.56 MLW	5.2
NOTE: The reference station(s) <u>ONLY</u> were in operation at the time of photography.			

## REMARKS:

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



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

TP-00746

## HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.S. Tibbetts	8/74
2. HORIZONTAL CONTROL	RECOVERED BY R.S. Tibbetts	8/28/74
	ESTABLISHED BY N/A	
	PRE-MARKED OR IDENTIFIED BY R. S. Tibbetts	8/28/74
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 <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> 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

Premarked control

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
74-C(C) 868	Public School No. 115, 1931		
74-E(C) 6868			

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&amp;GS form 152 (control station identification)

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

## RECORD OF SURVEY USE

TP-00746

## 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
2		Oct. 1977	Digitized Forms 76-40 were submitted as a final report. The computer cards for these land marks 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: \_\_\_\_\_

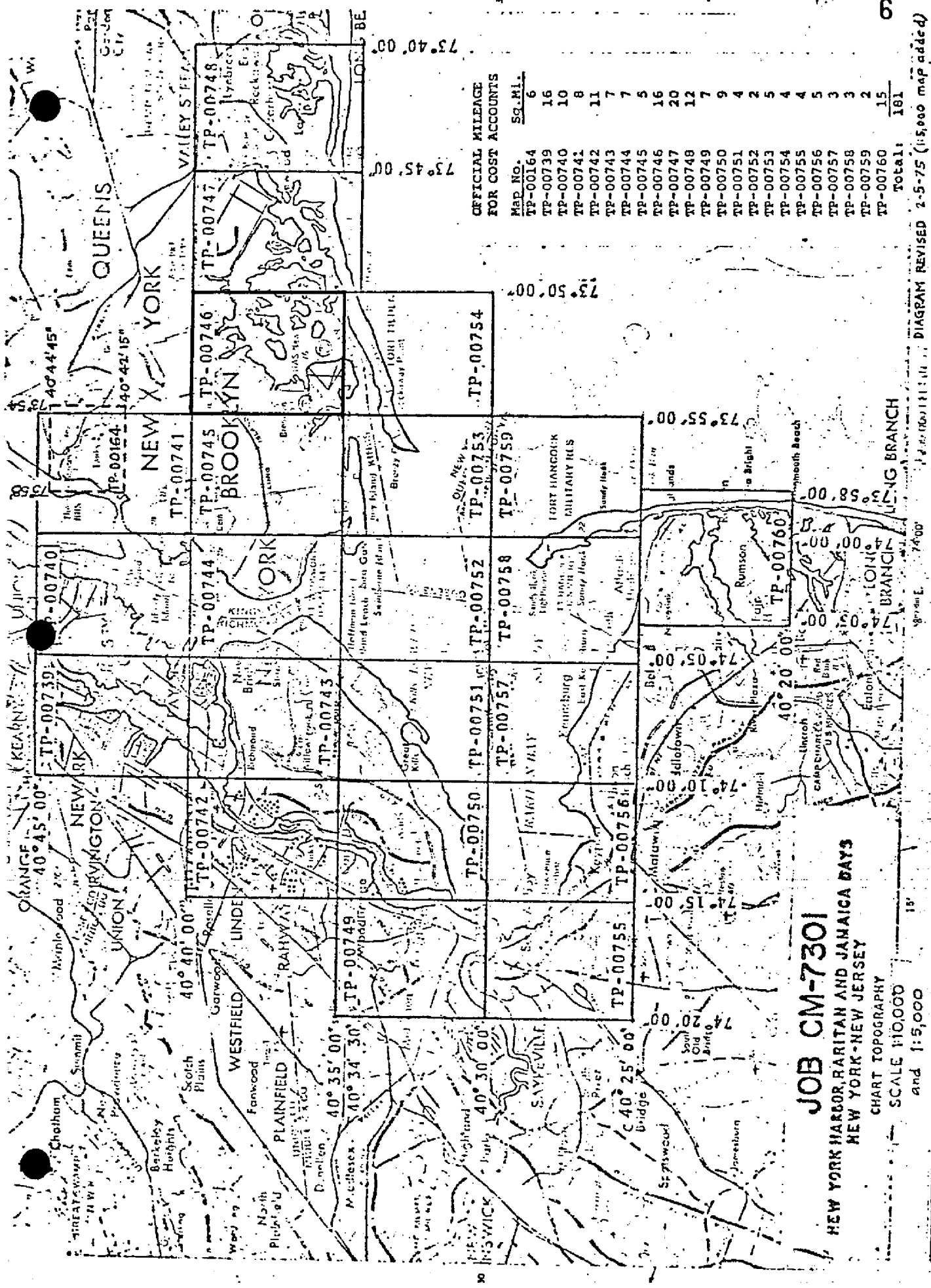
## III. FEDERAL RECORDS CENTER DATA

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 <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	





**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	7
TP-00745	5
TP-00746	16
TP-00747	20
TP-00748	12
TP-00749	7
TP-00750	9
TP-00751	4
TP-00752	2
TP-00753	5
TP-00754	4
TP-00755	4
TP-00756	5
TP-00757	3
TP-00758	3
TP-00759	2
TP-00760	15
<b>Total:</b>	<b>181</b>

DIAGRAM REVISED 2-5-75 (1:5,000 map added)

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 1:5,000 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.

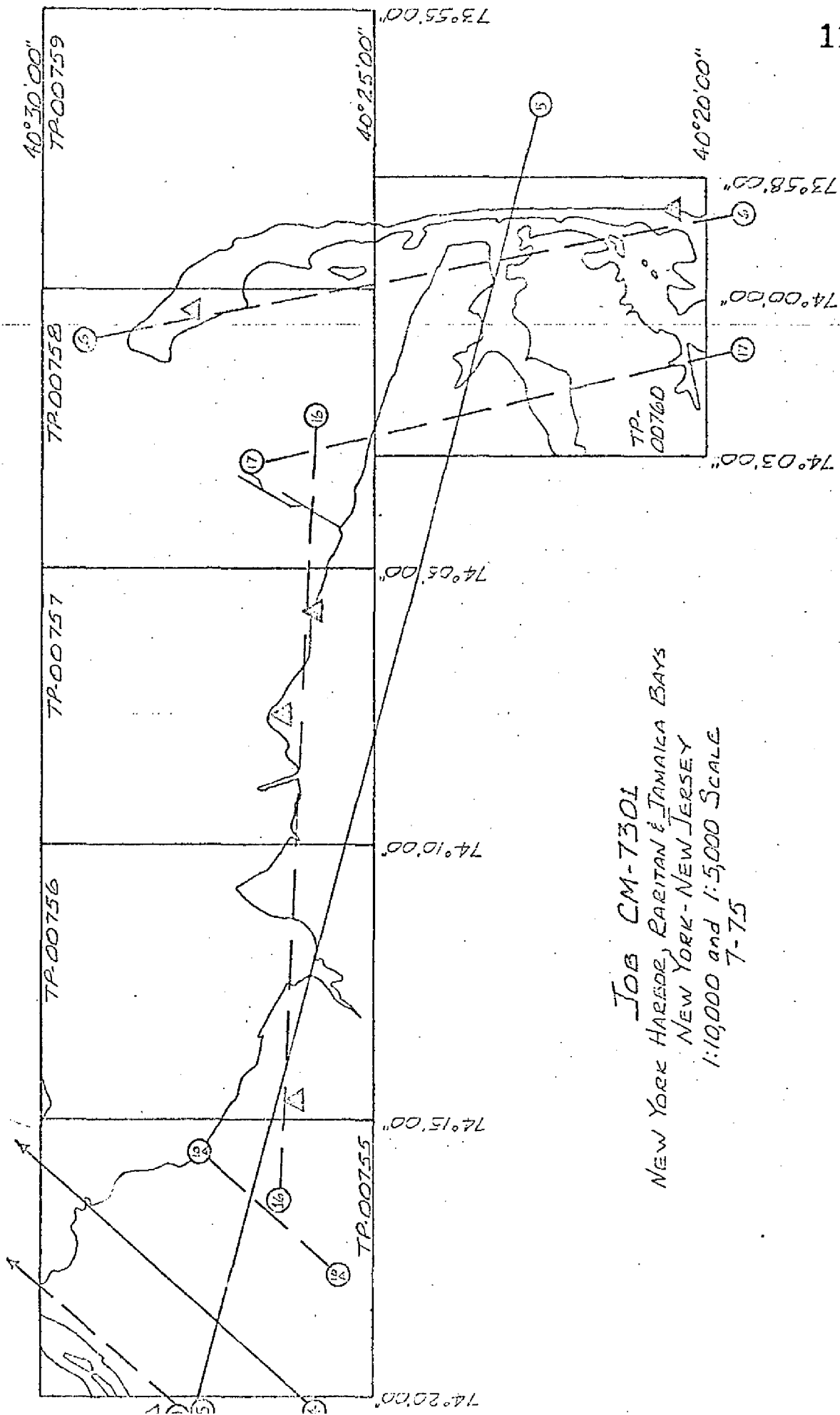
Respectfully submitted,

*Ivan O. Raborn*  
Ivan O. Raborn

Approved and forwarded:

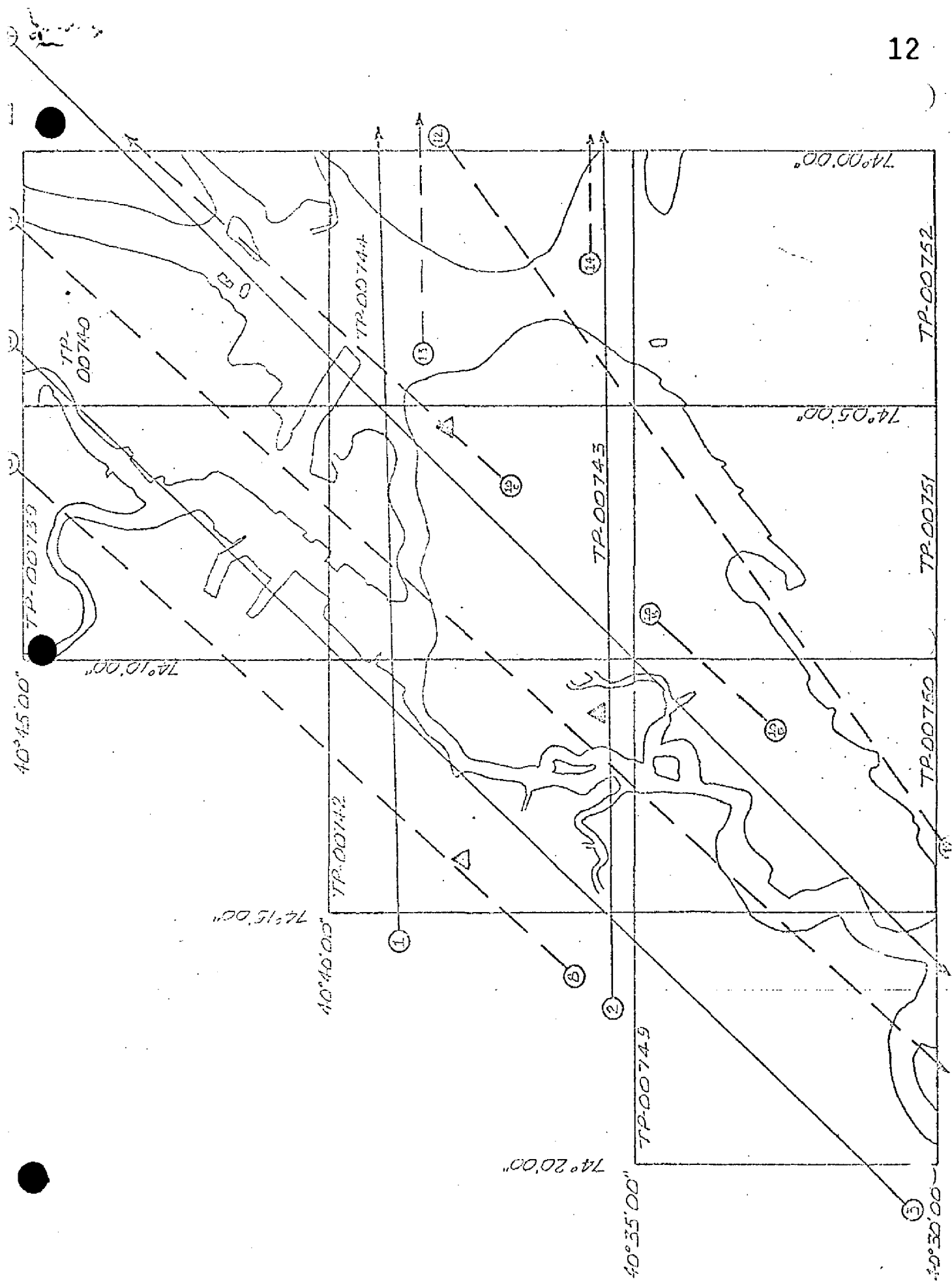
*John D. Perrow, Jr.*  
John D. Perrow, Jr.

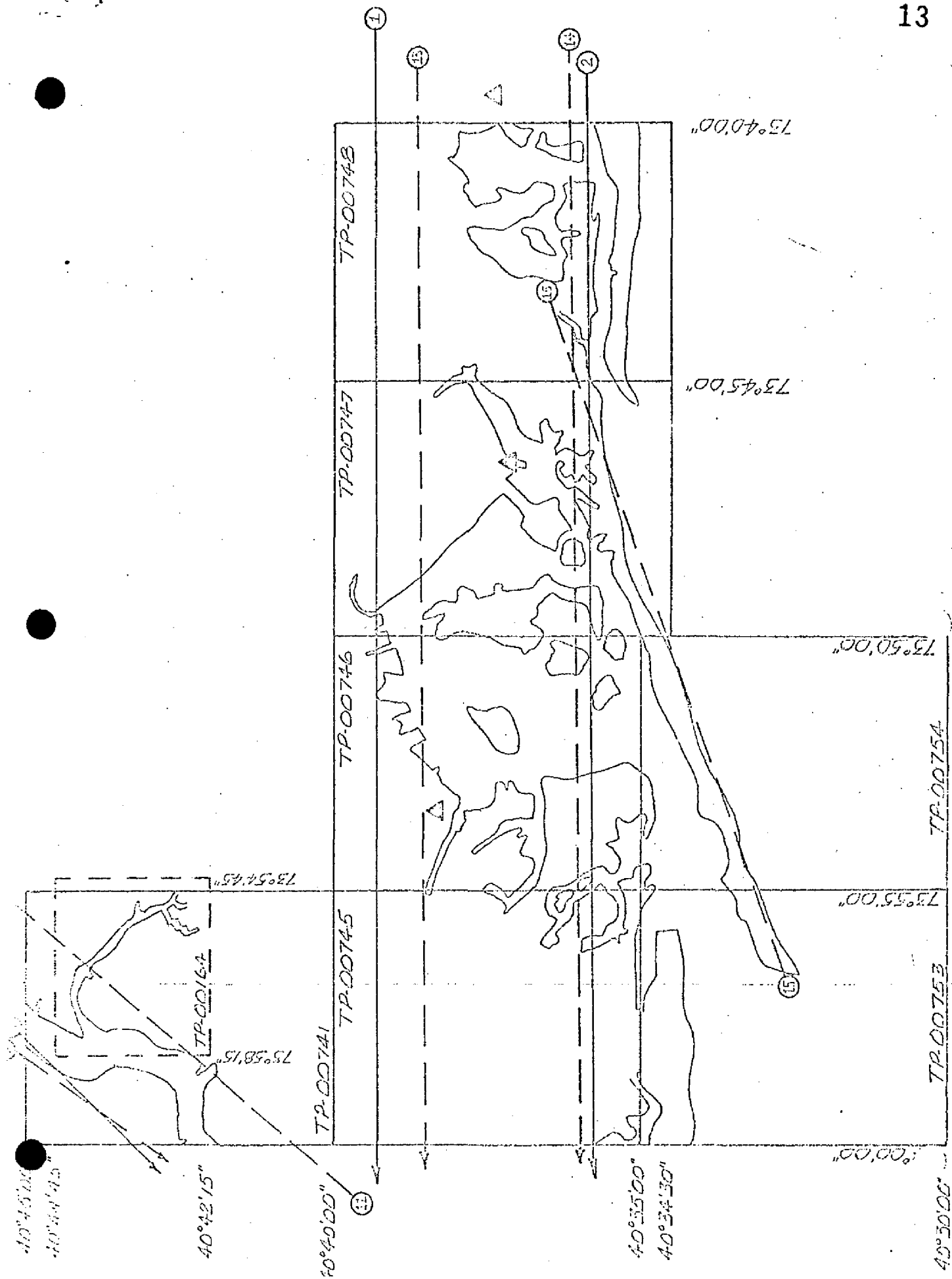
Chief, Aerotriangulation Section



JOB CM-7301  
 NEW YORK HARBOR, RARITAN & JAMAICA BAYS  
 NEW YORK-NEW JERSEY  
 1:10,000 and 1:5,000 SCALE  
 T-75







Strip No.	Scale	Photo Nos.
1	50,000	74C(C)864-874
2	"	851-861
3	"	74C(C)892-902
4	"	877-887
5	"	1202-1207
6	30,000	74E(C)5963-6970
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

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

MAP NO.	TP-00746	JOB NO.	CM-7301	GEODETTIC DATUM		ORIGINATING ACTIVITY	
				14. A. 1927		Coastal Mapping Div., Rockville Md.	
STATION NAME	BROWSVILLE BROOKLYN ASH INGENIEROS CMV 1931	SOURCE OF INFORMATION (Index)	NY VOL II C.R. P. 87	AEROTRI- ANGULATION POINT NUMBER	35	COORDINATES IN FEET STATE NEW YORK ZONE EAST	REMARKS
						X=	φ 40-39-12-039
						Y=	λ 73-53-25-103
						X=	φ 40-38-04.626
						Y=	λ 73-53-52-488
						X=	φ
						Y=	λ
						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. Fromm	DATE	11/10/75	LISTING CHECKED BY	G. Fromm	DATE	NOV 10 1975
HAND PLOTTING BY	N/A	DATE		HAND PLOTTING CHECKED BY	N/A	DATE	

TP-00746  
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<sup>d</sup> 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. This also applies to those shoal, or portions of, depicted with the MLW line symbol.

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 quadrangles:

Coney Island, N.Y.-N.J., Scale 1:24,000, 1966 Edition.  
Far Rockaway, N.Y., Scale 1:24,000, 1969 Edition.  
Brooklyn, N.Y., Scale 1:24,000, 1967 Edition.  
Jamaica, N.Y., Scale 1:24,000, 1966 Edition.

No significant changes were noted.

47. Comparison with Nautical Charts

A comparison has been made with the following nautical charts:

542, Scale 1:20,000, 40th Edition, dated December 15, 1973.  
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.

Items to be applied to Nautical Charts immediately - None.

Items to be carried forward - None.

Submitted by:

*Karin Baker*

Karin Baker

Approved and Forwarded:

*George W. Baker*

## COMPILATION OFFICE CHECK LIST

## CLASS III MANUSCRIPT

TP - 00746

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 *J. Fromm*  
14 Oct. 76Supervisor *Robert D. Bace*





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-00746

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.

Submitted by:

Edward L. Rolle

Approved and Forwarded:

*John D. Perrow Jr.*  
Chief, Photogrammetric Branch

*James S. ...*  
Chief, Coastal Mapping Division

March 24, 1977

## GEOGRAPHIC NAMES

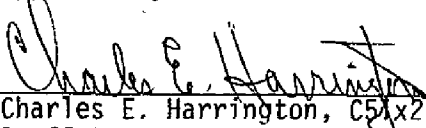
## FINAL NAME SHEET

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

TP-00746

Barren Island	Duck Point	Mill Creek
Bergen Beach (locality)	Duck Point Marshes	Nestepol Marsh
Big Egg Marsh	East Mill Basin	Old Mill Creek
Big Fishkill Channel	Elders Point Marsh	Paerdegat Basin
Black Bank Marsh	Fishkill Hassocks	Pumpkin Patch Channel
Black Wall Channel	Floyd Bennett Field	Pumpkin Patch Marsh
Black Wall Marsh	Fresh Creek	Ralph Creek
Canarsie	Hendrix Creek	Ruffle Bar
Canarsie Beach	Horse Channel	Shellbank Basin
Canarsie Pol	Howard Beach (locality)	Spring Creek
Christianpol Marsh	Island Channel	Stony Creek Marsh
Deep Creek	Jamaica Bay	Stony Point
	Little Egg Marsh	Yellow Bar Hassock
	Mill Basin	

Approved by:

  
Charles E. Harrington, C51x2  
Staff Geographer

76-40  
LISTING

PHOTOGRAMMETRIC BRANCH  
COASTAL MAPPING DIVISION

TIONAL OCEAN SURVEY  
DEPARTMENT OF COMMERCE USA

NOAA  
770818

SVY TP-00746  
JOB CM-7301  
PRJ N Y HARBOR  
DTM NA 1927

\* NONFLOATING AIDS FOR CHARTS  
TO BE REVISED

\* RPT UNIT CMD ROCKVILLE, MD.  
STATE NEW YORK  
LOCALITY JAMAICA RAY  
DATE 09/08/77

\* PAGE 1 OF 2  
\* ORIGINATING ACTIVITY  
\* COMPILATION

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

CHARTING RECORD REASON FOR DELETION  
NAME PUT TRIANGULATION NAMES IN ( )

DESCRIPTION  
LATITUDE DM  
LONGITUDE DP  
CMD ALTEK  
METHOD AND DATE OF LOCATION  
OFFICE FIELD  
AFFECTED

JAMAICA BAY  
BEACH CHANNEL

40 35 06.08 187.5  
73 50 14.70 345.7

74E(C)7045  
10/19/74

542

JAMAICA BAY  
ISLAND CHANNEL

40 36 22.79 703.0  
73 52 47.81 1124.0

74E(C)7045  
10/19/74

542

RGE  
R LT

40 36 39.88 1230.1  
73 52 52.90 1243.6

74E(C)7045  
10/19/74

542

22

TYPE OF ACTION

NAMES OF RESPONSIBLE PERSONNEL

ORIGINATOR

POSITIONS DETERMINED  
AND/OR VERIFIED BY  
FIELD AND OFFICE  
ACTIVITIES

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

FIELD REPRESENTATIVE  
OFFICE COMPILER  
DIGITIZER  
DATA PROCESSER

DATATAB  
VERSION  
770818

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



TP-0046

National Archives Data

One C&GS Form 152 (Control Station Identification)

Photography: 74-C(C) 868 & 74-E(C) 6868



## RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-00746

## INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]