

TP-00752

844

TP-00752

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-00752.....  
Classification No. III Edition No. ...1.....

## LOCALITY

State ..New Jersey-New York.....  
General Locality ...Lower Bay.....  
Locality ..Hoffman Island to Romer Shoal.....

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19 74 TO 19 75

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## REGISTRY IN ARCHIVES

DATE .....

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.					
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">           TYPE OF SURVEY  <input checked="" type="checkbox"/> ORIGINAL  <input type="checkbox"/> RESURVEY  <input type="checkbox"/> REVISED         </td> <td style="width: 50%;">           SURVEY <b>TP-00752</b>             MAP EDITION NO. <b>d 1</b>             MAP CLASS <b>III</b>             JOB <b>CM-7301</b> </td> </tr> </table>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY <b>TP-00752</b>  MAP EDITION NO. <b>d 1</b>  MAP CLASS <b>III</b>  JOB <b>CM-7301</b>		
TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY <b>TP-00752</b>  MAP EDITION NO. <b>d 1</b>  MAP CLASS <b>III</b>  JOB <b>CM-7301</b>						
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Rockville, Maryland		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"> <b>LAST PRECEDING MAP EDITION</b> </td> </tr> <tr> <td style="width: 50%;">           TYPE OF SURVEY  <input type="checkbox"/> ORIGINAL  <input type="checkbox"/> RESURVEY  <input type="checkbox"/> REVISED         </td> <td style="width: 50%;">           JOB <b>PH-</b>            MAP CLASS            SURVEY DATES:            19 <b>  </b> TO 19 <b>  </b> </td> </tr> </table>		<b>LAST PRECEDING MAP EDITION</b>		TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	JOB <b>PH-</b> MAP CLASS SURVEY DATES: 19 <b>  </b> TO 19 <b>  </b>
<b>LAST PRECEDING MAP EDITION</b>							
TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	JOB <b>PH-</b> MAP CLASS SURVEY DATES: 19 <b>  </b> TO 19 <b>  </b>						
OFFICER-IN-CHARGE  Commander James Collins							
<b>I. INSTRUCTIONS DATED</b>							
<b>1. OFFICE</b>		<b>2. FIELD</b>					
Instructions-AEROTRIANGULATION-3/27/75  Instructions-OFFICE-8/7/75		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					
<b>II. DATUMS</b>							
<b>1. HORIZONTAL:</b> <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)					
<b>2. VERTICAL:</b> <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify) National Geodetic Vertical Datum of 1929					
<b>3. MAP PROJECTION</b>  Transverse Mercator		<b>4. GRID(S)</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">STATE New York</td> <td style="width: 50%;">ZONE East</td> </tr> <tr> <td>STATE</td> <td>ZONE</td> </tr> </table>		STATE New York	ZONE East	STATE	ZONE
STATE New York	ZONE East						
STATE	ZONE						
<b>5. SCALE</b> 1:10,000							
<b>III. HISTORY OF OFFICE OPERATIONS</b>							
<b>OPERATIONS</b>		<b>NAME</b>	<b>DATE</b>				
<b>1. AEROTRIANGULATION</b> METHOD: Analytic LANDMARKS AND AIDS BY		I. Raborn N/A	8/75 				
<b>2. CONTROL AND BRIDGE POINTS</b> METHOD: Coradomat PLOTTED BY CHECKED BY		S. Solbeck N/A	9/75 				
<b>3. STEREOSCOPIC INSTRUMENT</b> COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:15,000 PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY		K. Baker G. Fromm N/A N/A	1/18/76 1/19/76 				
<b>4. MANUSCRIPT DELINEATION</b> METHOD: Smooth Drafting SCALE: 1:10,000 PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY HYDRO SUPPORT DATA BY CHECKED BY		K. Baker G. Fromm N/A N/A N/A N/A	2/13/76 3/3/76 				
<b>5. OFFICE INSPECTION PRIOR TO FIELD EDIT</b> BY		G. Fromm N/A	10/14/76 				
<b>6. APPLICATION OF FIELD EDIT DATA</b> CHECKED BY		N/A					
<b>7. COMPILATION SECTION REVIEW</b> BY		G. Fromm	10/14/76				
<b>8. FINAL REVIEW</b> BY		E. L. Rolle	Jan. 1978				
<b>9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH</b> BY		N/A					
<b>10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH</b> BY		E. L. Rolle	Jan. 1978				
<b>11. MAP REGISTERED - COASTAL SURVEY SECTION</b> BY		R.T. Cator	MAY 1978				

NOAA FORM 76-36B  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYTP-00752  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) RC-10(B) RC-8(E)  
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 B&W

## ZONE

Eastern

☒ STANDARD

## MERIDIAN

75th

☐ DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
74E (C) 7040-7041	10/19/74	1111-1119	1:30,000	* +.25 Ft. MHW * -1.97 Ft. MHW
74E (C) 7188-7190	10/19/74	1317-1324	1:30,000	
(I) 75B 5926R-5927R	10/3/75	1117-1122	1:30,000	Refer to following page for tide data.
(I) 75B 5951R-5952R	10/3/75	1142-1148	1:30,000	
(I) 75B 5921R-5922R	10/3/75	1106-1108	1:30,000	

## REMARKS

\* Computation from Predicted Tide Tables.

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
TP-00744	TP-00753	TP-00758	TP-00751

## REMARKS



## TIDE - COORDINATED PHOTOGRAPHY

TP - 00752

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
75B5926R-5927R (Outer coast coney Island)	New Dorp Beach (Sub.Sta.)	-.33 MLW	4.9
75B-5951R-5952R (West shore lower Bay)	New Dorp Beach (Sub.Sta.)	-.66 MLW	4.9
75B-5921R-5922R (Gravesend Bay)	Norton Point (Gravesend Bay) (Sub.Sta.)	-.40 MLW	5.4
<p><u>NOTE:</u> The reference station(s) <u>ONLY</u> were in operation at time of photography.</p>			

## REMARKS:

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

TP-00752

# 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 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	
	<input type="checkbox"/> COMPLETE BY	
	<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

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 ☒ NONE

6. 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

## RECORD OF SURVEY USE

TP-00752

## 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 landmarks and aids are on file in the CMD Special Projects Section, and will be destroyed 5 years after the date of Final Review.

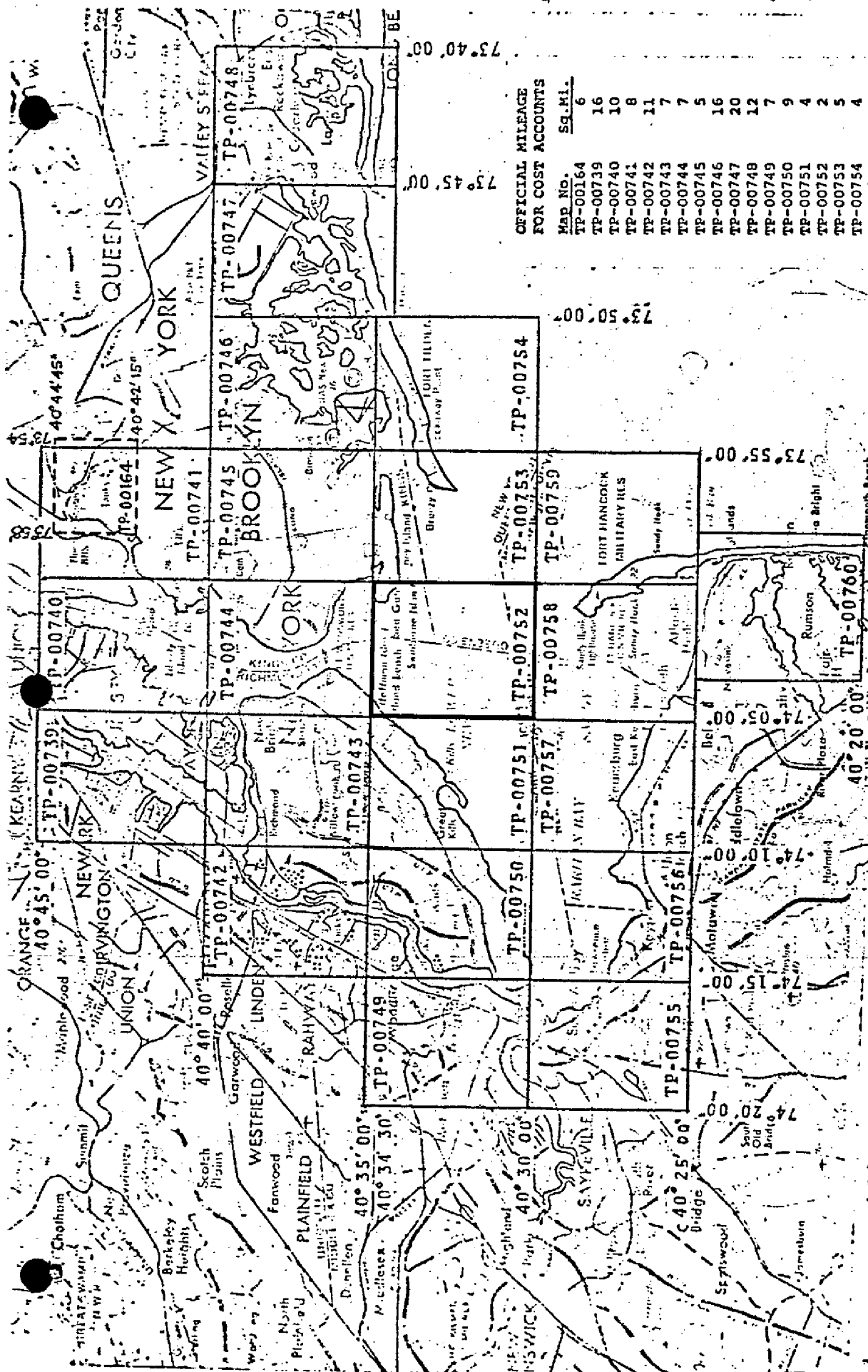
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: \_\_\_\_\_3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

## 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 <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> 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 1:50,000  
 and 1:5,000

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>

LONG BRANCH

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 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.

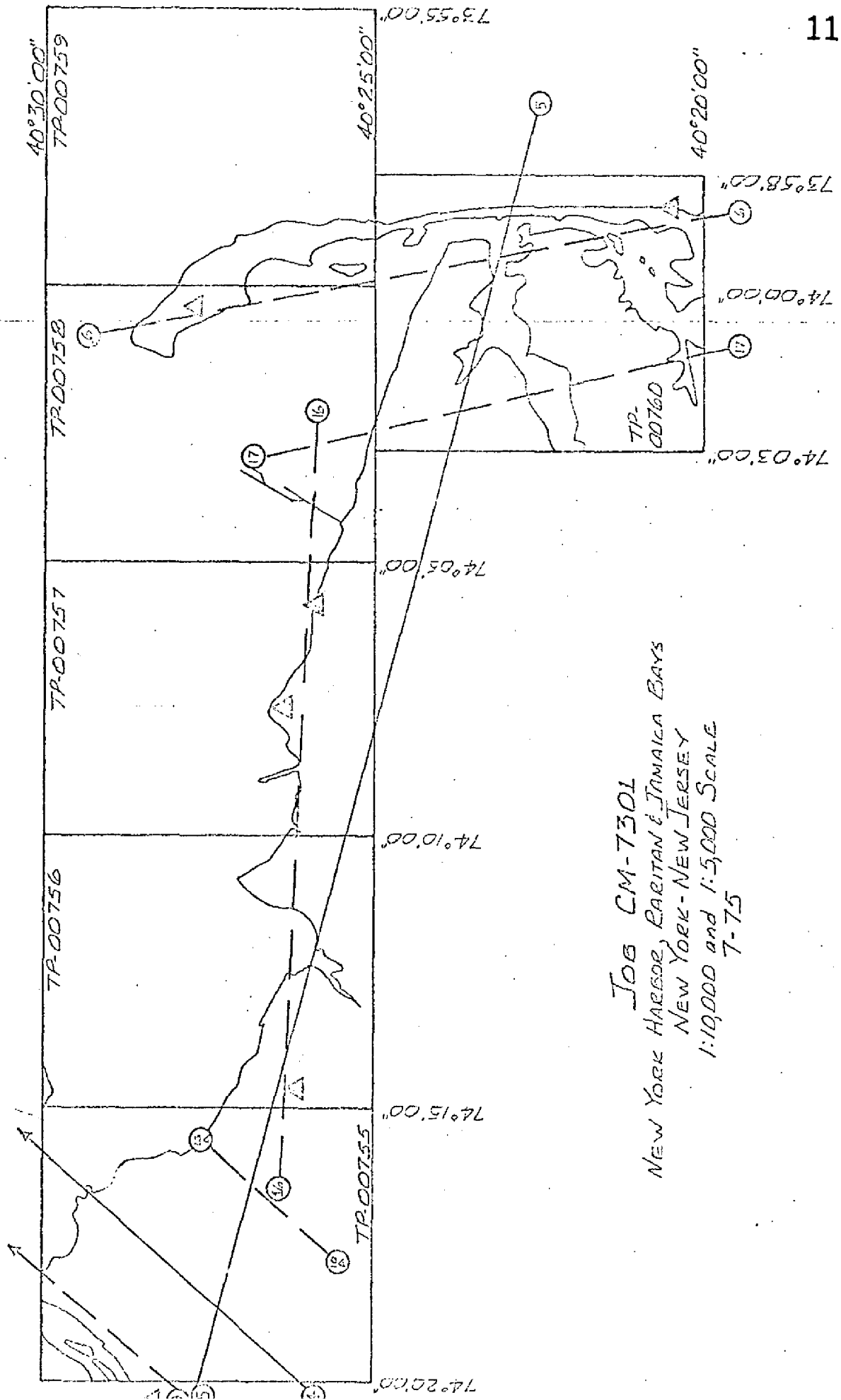
Respectfully submitted,

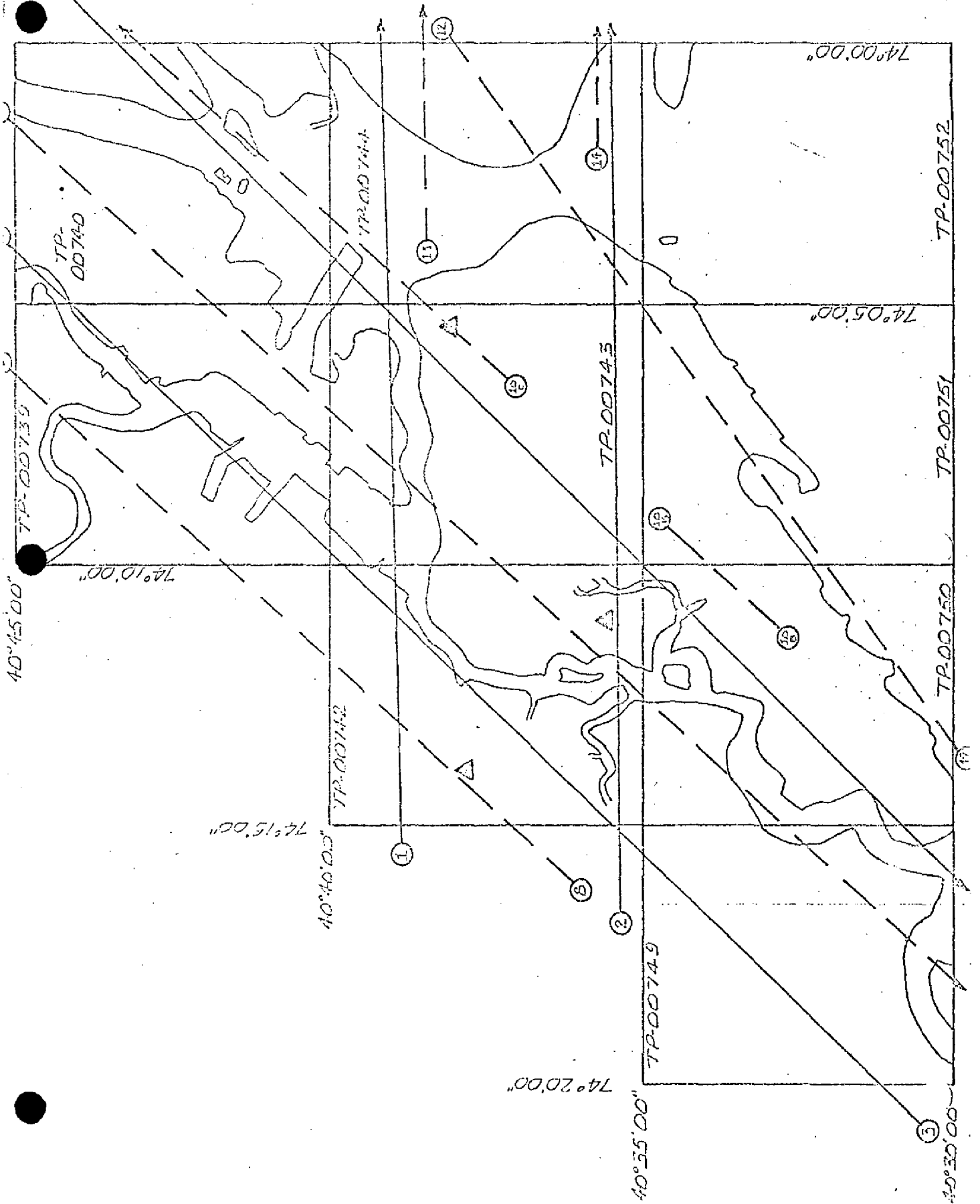
*Ivor O. Raborn*  
Ivor O. Raborn

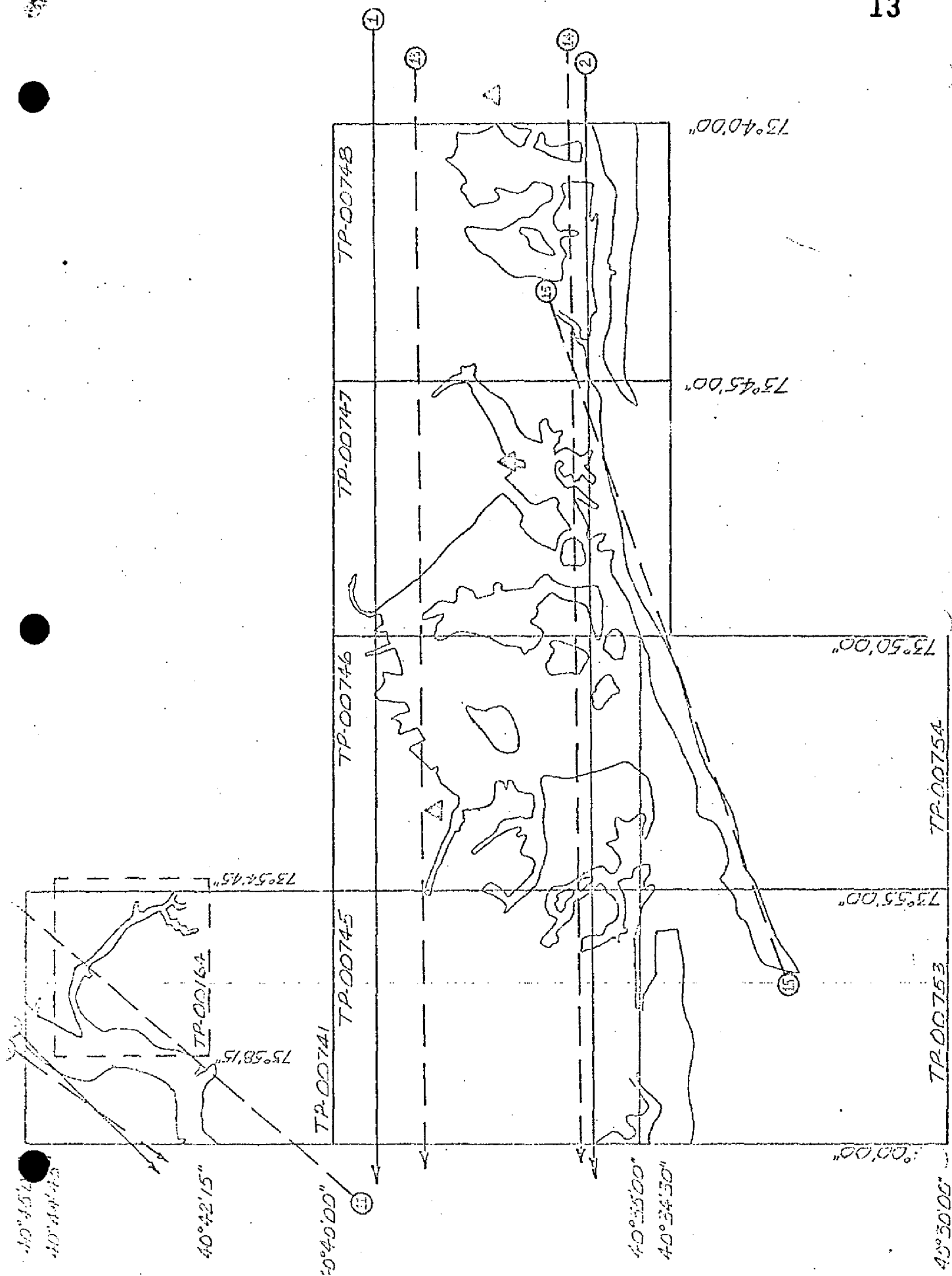
Approved and forwarded:

*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

## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY	REMARKS
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE ZONE	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE
TP-00752	CM-7301		NA 1927	
W. BANK LIGHTHOUSE 1917	NY VOL II GP-P-70	77	X=	φ 40-32-16.282
			Y=	λ 74-02-35.796
ROMER SHOAL LIGHTHOUSE 1900	NJ VOL I GP-P-496	118	X=	φ 40-30-46.443
			Y=	λ 74-00-50.175
CONY ISLAND LIGHTHOUSE 1903	NY VOL II GP-P-33	42	X=	φ 40-34-35.373
			Y=	λ 74-00-43.827
CONY ISLAND P.S. No. 188 CHY 1930	NY VOL II GP-P-61	41	X=	φ 40-34-35.236
			Y=	λ 74-00-03.128
			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	DATE
LISTED BY	G. Fromm	DATE 75	LISTING CHECKED BY	DATE
HAND PLOTTING BY	N/A	DATE	HAND PLOTTING CHECKED BY	DATE

TP-00752  
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.

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 :

The Narrows, N.Y.-N.J., 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:

12327 (formerly 369), scale 1:40,000, 64th Edition, dated July 13, 1974.  
12328 (formerly 369-SC), scale 1:40,000, 12th Edition, dated Feb. 1, 1975.  
540, scale 1:10,000, 6th Edition, dated August 4, 1973.  
12330 (formerly 544), scale 1:10,000 6th Edition, dated August 3, 1974.

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 M. Bae*

## COMPILATION OFFICE CHECK LIST

## CLASS III MANUSCRIPT

TP - 00752

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. Lamm  
14 Oct 76Supervisor George W. Bae



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- 00752

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. Perraw Jr.*  
Chief, Photogrammetric Branch

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

March 29, 1977

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

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

TP-00752

Coney Island

Coney Island Beach

Gravesend Bay

Hoffman Island

Lower Bay


Midland Beach

Norton Point

Staten Island

Swinburne Island

Approved by:

  
Charles E. Harrington, C51x2  
Staff Geographer







TP-00752

National Archives Data

None

## RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

TP-00752

## 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]