

TP-00753

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TP-00753

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-00753.....

Classification No. III Edition No.1.....

LOCALITY

StateNew York.....

General Locality Kings. & Queens. Counties.....

Locality ..Coney Island to Rockaway Point.....

1974 TO 1975

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.																			
DESCRIPTIVE REPORT - DATA RECORD		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">TYPE OF SURVEY</td> </tr> <tr> <td><input checked="" type="checkbox"/> ORIGINAL</td> <td></td> </tr> <tr> <td><input type="checkbox"/> RESURVEY</td> <td></td> </tr> <tr> <td><input type="checkbox"/> REVISED</td> <td></td> </tr> </table>		TYPE OF SURVEY		<input checked="" type="checkbox"/> ORIGINAL		<input type="checkbox"/> RESURVEY		<input type="checkbox"/> REVISED											
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PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Rockville, Maryland OFFICER-IN-CHARGE Commander James Collins		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">SURVEY TP-00753</td> </tr> <tr> <td colspan="2">MAP EDITION NO. (1)</td> </tr> <tr> <td colspan="2">MAP CLASS III</td> </tr> <tr> <td colspan="2">JOB CM-7301</td> </tr> </table>		SURVEY TP-00753		MAP EDITION NO. (1)		MAP CLASS III		JOB CM-7301											
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MAP CLASS																					
SURVEY DATES:																					
19 TO 19																					
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-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: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)																			
2. VERTICAL: <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																			
3. MAP PROJECTION Transverse Mercator		4. GRID(S) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>STATE</td> <td>ZONE</td> </tr> <tr> <td>New York</td> <td>East</td> </tr> </table>		STATE	ZONE	New York	East														
STATE	ZONE																				
New York	East																				
5. SCALE 1:10,000		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>STATE</td> <td>ZONE</td> </tr> <tr> <td></td> <td></td> </tr> </table>		STATE	ZONE																
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III. HISTORY OF OFFICE OPERATIONS																					
OPERATIONS		NAME																			
DATE																					
1. AEROTRIANGULATION METHOD: Analytic LANDMARKS AND AIDS BY		I. Raborn 8/75																			
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat PLOTTED BY CHECKED BY		S. Solbeck 9/75 N/A																			
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:15,000 PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY		K. Baker 1/20/76 G. Fromm 1/28/76 N/A N/A																			
4. MANUSCRIPT DELINEATION METHOD: Smooth Drafting SCALE: 1:10,000 PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY HYDRO SUPPORT DATA BY CHECKED BY		K. Baker 2/17/76 G. Fromm 3/2/76 N/A N/A N/A N/A																			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		G. Fromm 10/14/76																			
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																			

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00753
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

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

Focal Lengths - 152.7mm

TYPES 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) 7040-7043	10/19/74	1111-1119	1:30,000	* +.24 Ft. MHW
74E(C) 7172-7173	10/19/74	1302-1306	1:30,000	* -2.82 Ft. MHW
75B5926R-5930R (I)	10/3/75	1117-1122	1:30,000	Refer to following page for tide data.

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 ^{is} 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-00745	TP-00754	TP-00759	TP-00752

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 - 00753

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
75B(I)5926R-5930R	SANDY HOOK (Reference Station)		4.6 Ft.
	Plumb Beach Channel (Sub. Sta.)	-.56 Ft. MLW	4.9 Ft.
	Norton Pt. (Gravesend Bay) (Sub. Sta.)	-.50 Ft. MLW	4.7 Ft.
<p><u>NOTE:</u> The reference station <u>ONLY</u> WAS IN operation at the time of photography.</p>			

REMARKS:

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

TP-00753

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 <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 ☒ 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

RECORD OF SURVEY USE

TP-00753

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 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:

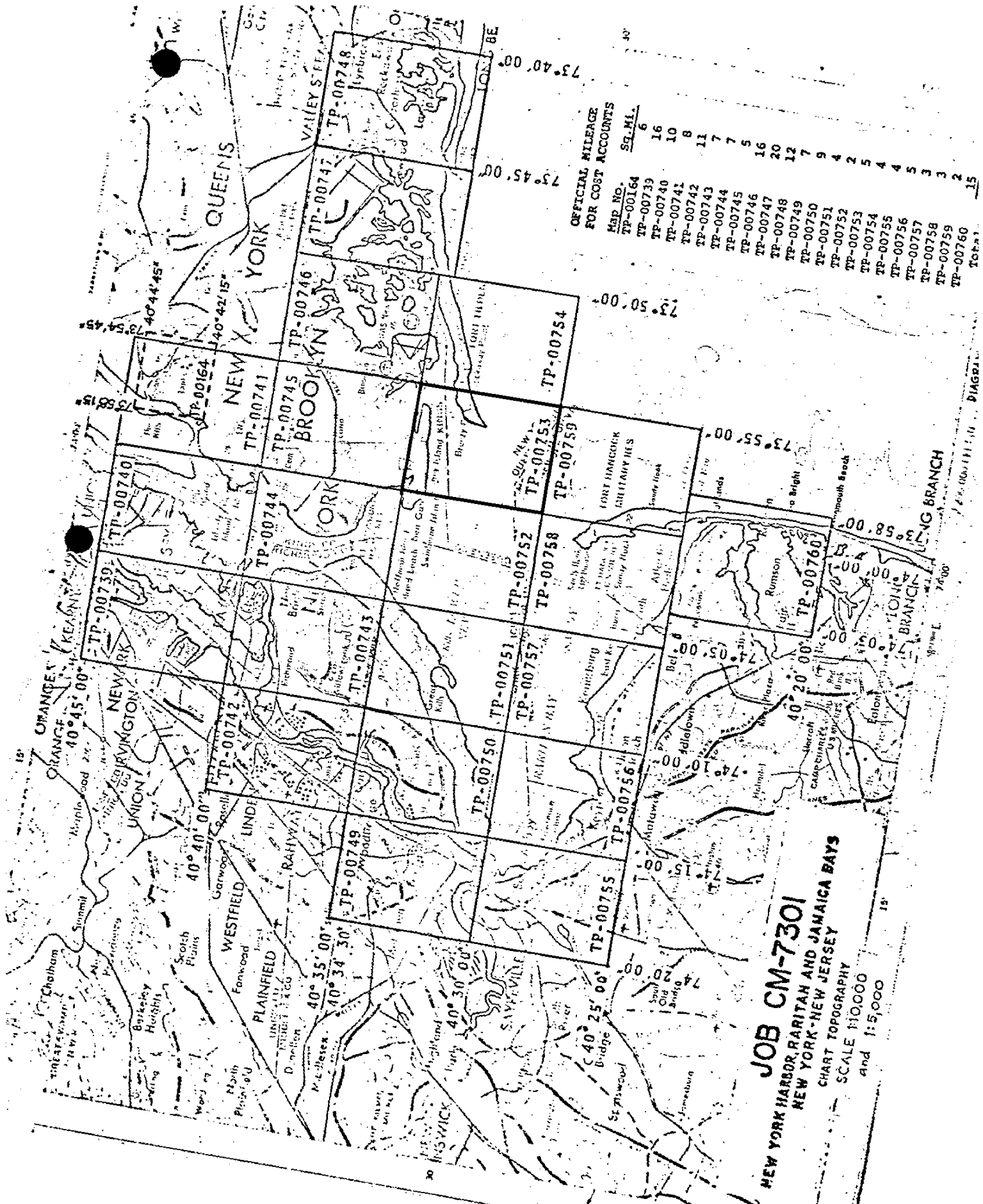
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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	

NOAA FORM 76-36D

☆U.S. Government Printing Office: 1975 - 665-661/1108, Region No. 6



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
Total	15

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

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.

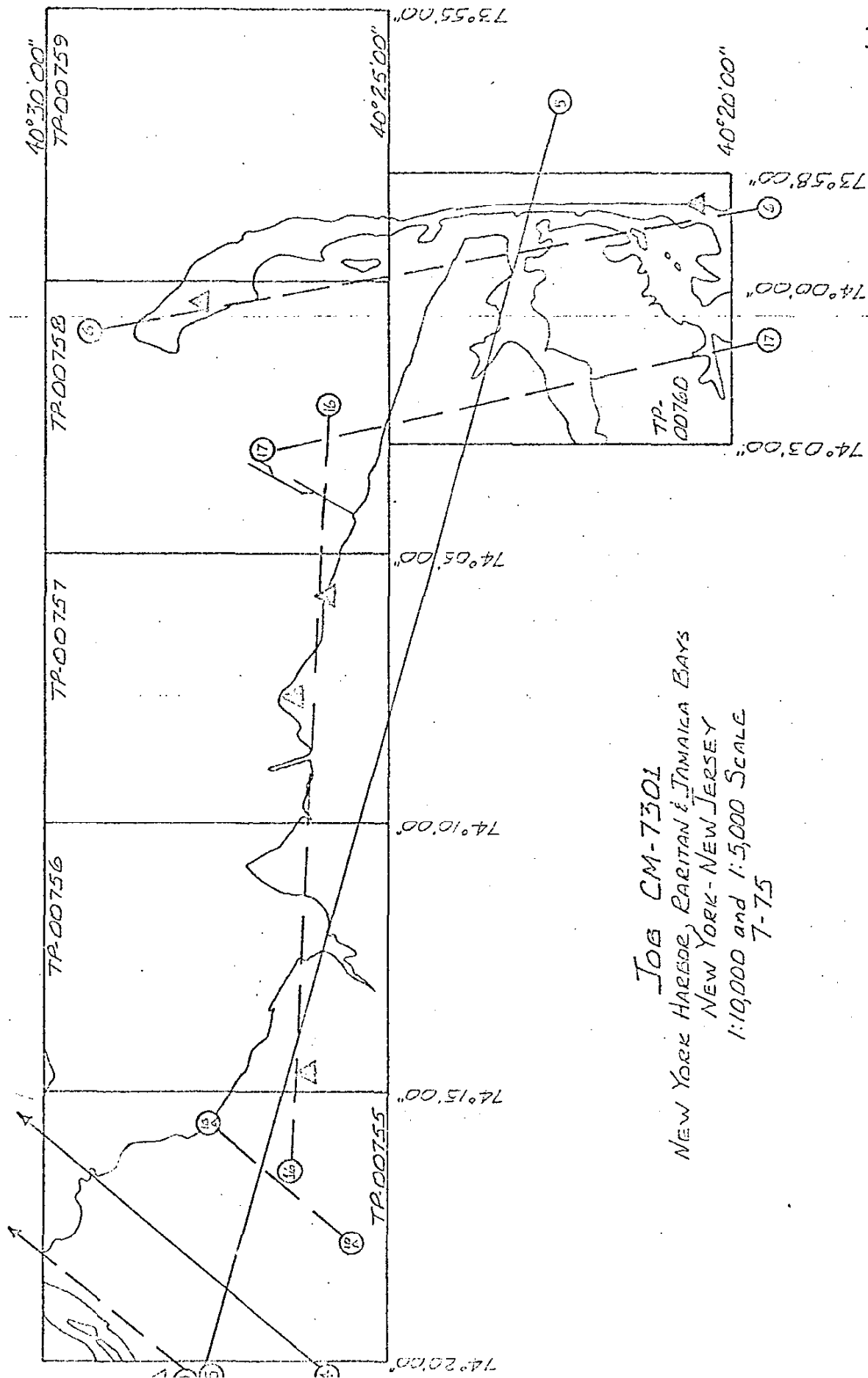
Respectfully submitted,

Ives O. Raborn
Ives O. Raborn

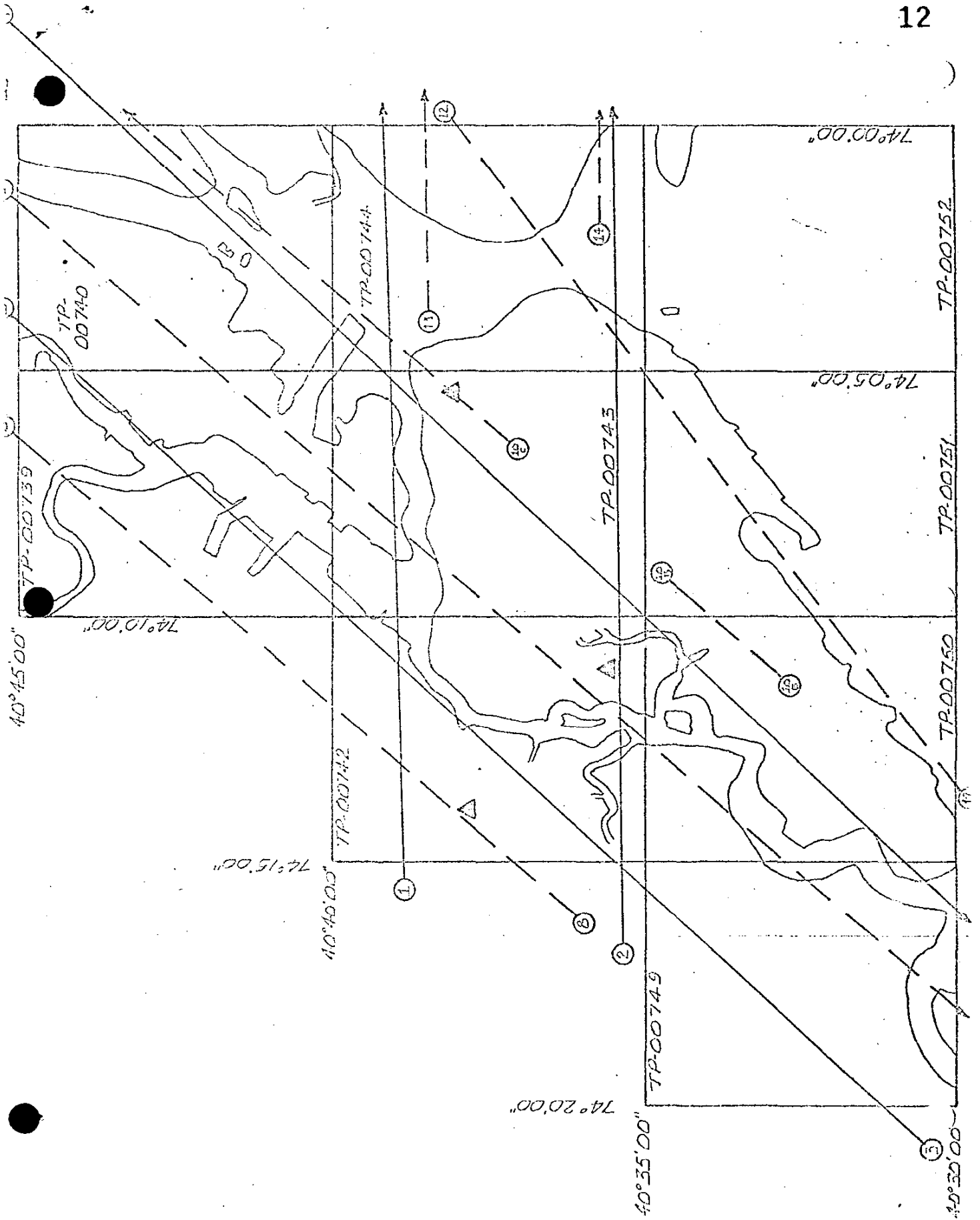
Approved and forwarded:

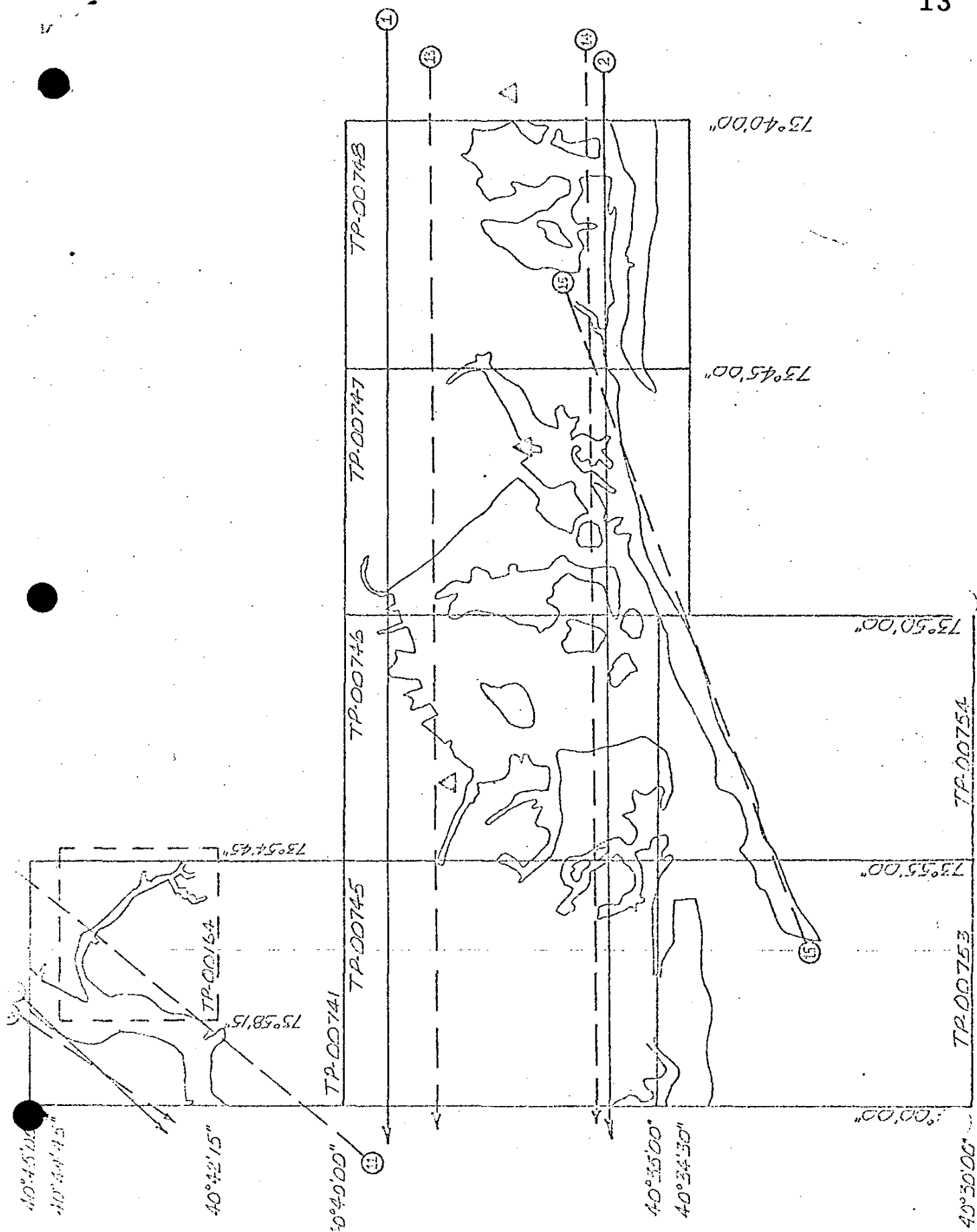
John D. Perrow, Jr.
John D. Perrow, Jr.

Chief, Aerotriangulation Section



JOB CM-7301
 NEW YORK HARBOUR, RARITAN & TINNIKA BAYS
 NEW YORK - NEW JERSEY
 1:10,000 and 1:5,000 SCALE
 7-75





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)		AEROTRIANGULATION POINT NUMBER		COORDINATES IN FEET STATE ZONE		GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	
TP-00753		CM-7301							
ROCKAWAY POINT VETTY ✓	NY 61 II	36		X=		φ	40-32-24.809		
BEACON 1934	GP-P.165			Y=		λ	73-56-28.331		
CONEY ISLAND MINARET	NY 61 II			X=		φ	40-34-38.932		
SPIRE 1919	GP-P.62	37		Y=		λ	73-58-43.547		Not plotted on Manuscript. Appears destroyed on photograph.
CONEY ISLAND FERRIS ✓	NY 61 II			X=		φ	40-34-26.156		
WHEEL 1930	GP-P.61	38		Y=		λ	73-58-46.381		
CONEY ISLAND PARACHUTE ✓	NY 61 II			X=		φ	40-34-22.229		
TOWER 1945	GP-P.255	39		Y=		λ	73-59-05.33		
CONEY ISLAND STEEPLE ✓	NY 61 II			X=		φ	40-34-29.352		
CHASE PARK CNY 1919	GP-P.62	40		Y=		λ	73-59-09.242		
CONEY ISLAND BROOKLYN	NY 61 II			X=		φ	40-34-53.595		
BOROUGH GAS CO LARGEST ✓	GP-P.61	856110		Y=		λ	73-58-50.503		
GAS TANK 1930				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		DATE		LISTING CHECKED BY		DATE			
HAND PLOTTING BY	U/A	DATE		HAND PLOTTING CHECKED BY	N/A	DATE			

TP-00753
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. 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 quadrangle.:

Coney Island, 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.
542, scale 1:20,000, 40th Edition, dated Dec. 15, 1973.
540, scale 1:10,000, 6th Edition, dated August 4, 1973.

Items to be applied to Nautical Charts immediately - None.

Items to be carried forwarded - None.

Submitted by:

Karin Baker

Karin Baker

Approved and Forwarded:

George M. Baker

COMPILATION OFFICE CHECK LIST

CLASS III MANUSCRIPT

TP - 00753

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. Fromm14 Oct 70Supervisor James M. Bee



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- 00753

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

Janette
Chief, Coastal Mapping Division

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00753

Atlantic Ocean

Breezy Point

Brighton Beach

Brighton Beach (locality)

Coney Island

Coney Island Beach

Coney Island Creek

Gravesend Bay

Manhattan Beach

Plumb Beach

Rockaway Beach

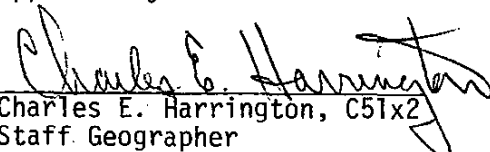
Rockaway Inlet

Rockaway Point

Rockaway Point (locality)

Sheepshead Bay

Approved by:


Charles E. Harrington, C51x2
Staff Geographer

76-40
LISTING

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

IONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
770818

* SVY TP-00753 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 1 OF 3 *
* JOB CM-7301 * NONFLOATING AIDS FOR CHARTS * STATE NEW YORK *
* PRJ N Y HARBOR* TO BE REVISED * LOCALITY ROCKAWAY INLET *ORIGINATING ACTIVITY*
* DTM NA 1927 * * DATE 08/12/77 * COMPILATION *

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

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

* ROCKAWAY INLET * * * *

* LIGHT *	* ROCKAWAY POINT BREAKWATER LT *	* 40 32 24.81 *	* 765.3 *	* NOT *74E(C)7172* *	* 542 *
	* (ROCKAWAY INLET JETTY BN 1934) *	* 73 56 28.33 *	* 666.7 *	* DGTZD* 10/19/74 * <i>ok</i>	* 12327 <i>ok</i>
* -LIGHT *		* 40 33 06.81 *	* 210.1 *	* *74E(C)7172* *	* 542 *
		* 73 56 22.02 *	* 518.1 *	* 10/19/74 * <i>ok</i>	* 12327 <i>ok</i>
					* 12328 *

* ROCKAWAY INLET * * * *

* LIGHT *	* OUTFALL GATE HOUSE LIGHT *	* 40 33 57.79 *	* 1782.6 *	* *74E(C)7172* <i>nc</i>	* 542 *
		* 73 55 52.35 *	* 1231.5 *	* 10/19/74 *	* 12327 <i>nc</i>
					* 12328 *

* * * * 22

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

76-40
LISTING

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

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VERSION
770818

* SVY TP-00753 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 2 OF 3 *
* JOB CM-7301 * LANDMARKS FOR CHARTS * STATE NEW YORK *
* PRJ N Y HARBOR* TO BE REVISED * LOCALITY ROCKAWAY INLET *ORIGINATING ACTIVITY*
* DTM NA 1927 * * DATE 08/12/77 * COMPILATION *

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

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

* TOWER *	* ON JETTY	* 40 33 40.54 1250.5	* 74E(C)7172*	* 542 *
* *	* *	* 73 55 36.36 855.4	* 10/19/74 * <i>sk</i>	* *

* CHY *	* (CONEY ISLAND STEEPLE CHASE	* 40 34 29.35 905.3	* NOT 74E(C)7041*	* 540 *
* *	* PARK CHIMNEY 1919)	* 73 59 09.24 217.3	* DGTZD* 10/19/74 * <i>sk</i>	* 12327 *

* TOWER *	* (CONEY ISLAND PARACHUTE	* 40 34 22.29 687.5	* NOT 74E(C)7041*	* 540 *
* *	* TOWER 1945)	* 73 59 05.33 125.4	* DGTZD* 10/19/74 * <i>sk</i>	* 12327 *

* FERRIS *	* (CONEY ISLAND FERRIS	* 40 34 26.16 806.9	* NOT 74E(C)7041*	* 540 *
* WHEEL *	* WHEEL 1930) LARGEST	* 73 58 46.38 1090.9	* DGTZD* 10/19/74 * <i>sk</i>	* 12327 *

* GAS *	* (CONEY ISLAND BROOKLYN BOROUGH	* 40 34 53.60 1653.3	* NOT 74E(C)7041*	* 540 *
* TANK *	* GAS CO LARGEST GAS TANK 1930)	* 73 58 50.50 1187.7	* DGTZD* 10/19/74 * <i>sk</i>	* 12327 *

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

* SPIRE *	* (CONEY ISLAND MINARET	* 40 34 38.93 1200.8	* NOT *	* 540 *
* *	* SPIRE 1919)	* 73 58 43.55 1024.3	* DGTZD*	* 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	* K. BAKER	* OFFICE COMPILER
* FIELD AND OFFICE	* L. HARROD	* DIGITIZER
* ACTIVITIES	* G. FROMM	* DATA PROCESSER

DATA TAB
VERSION
770818

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

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

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

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* STACK * SOUTHERN OF TWO * 40 34 43.00 1326.4 NOT * * 542 *
* * * 73 56 07.00 164.6 DGTZD* * 12327 *

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* TOWER * LOOKOUT TOWER * 40 33 11.00 339.3 NOT * M * * *
* * * 73 56 13.00 305.9 DGTZD* * * * 12327 *

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# STACK * * 40 34 20.00 616.9 NOT * # 540
# * * 73 59 26.00 611.6 DGTZD* #

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$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{6}$ $\frac{1}{4}$ $\frac{1}{8}$ $\frac{1}{10}$

$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{5}$ $\frac{1}{6}$ $\frac{1}{7}$ $\frac{1}{8}$

[illegible]

$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{6}$ $\frac{1}{12}$ $\frac{1}{24}$ $\frac{1}{48}$

✱ ✱ ✱ ✱ ✱ ✱

✱ ✱ ✱ ✱ ✱ ✱ ✱

[illegible][illegible]



✱ ✱ ✱ ✱ ✱ ✱ ✱

✱ ✱ ✱ ✱ ✱ ✱ ✱

*	-	-	-	-	*
* TYPE OF ACTION *	NAMES OF RESPONSIBLE PERSONNEL	* ORIGINATOR *			

✻ ✻ ✻ ✻

[illegible]


* POSITIONS DETERMINED * NO FIELD EDIT-CLASS III MAP * FIELD REPRESENTATIVE *

* AND/OR VERIFIED BY * K. BAKER * OFFICE COMPILER *

* FIELD AND OFFICE	* NOT DIGITIZED	* DIGITIZER	*
* ACTIVITIES	* 6. FROM	* DATA PROCESSED	*

* ACTIVITIES * G. FROMM * DATA PROCESSER *

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 10

TP-00753

National Archives Data

None

