

ORIGINAL

TP-00759

TP-00759

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-00759
Classification No. III Edition No. 1

LOCALITY

State New Jersey
General Locality ... Sandy Hook
Locality False Hook Channel

19 74 TO 19 75

REGISTRY IN ARCHIVES

DATE

| | | | |
|--|--|---|--|
| NOAA FORM 76-36A (3-72) | | U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN. | |
| DESCRIPTIVE REPORT - DATA RECORD | | TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED | |
| PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Rockville, Maryland OFFICER-IN-CHARGE Commander James Collins | | SURVEY TP-00759 MAP EDITION NO. d) MAP CLASS III JOB CM-7301 | |
| PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Rockville, Maryland OFFICER-IN-CHARGE Commander James Collins | | LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH- 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) STATE New York ZONE East | |
| 5. SCALE 1:10,000 | | STATE ZONE | |
| III. HISTORY OF OFFICE OPERATIONS | | | |
| OPERATIONS | | NAME | |
| DATE | | | |
| 1. AEROTRIANGULATION METHOD: Analytic LANDMARKS AND AIDS BY | | I. Raborn 8/75 N/A | |
| 2. CONTROL AND BRIDGE POINTS METHOD: Coradomat PLOTTED BY CHECKED BY | | S. Solbeck 9/75 N/A | |
| 3. STEREOSCOPIC INSTRUMENT COMPILATION PLANIMETRY BY CHECKED BY INSTRUMENT: Wild B-8 SCALE: 1:15,000 CONTOURS BY CHECKED BY | | G. Fromm 9/29/75 J. Schad 9/29/75 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 | | G. Fromm 10/16/75 J. Schad 10/23/75 N/A N/A N/A N/A | |
| 5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY | | G. Fromm 10/14/76 N/A | |
| 6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY | | N/A N/A | |
| 7. COMPILATION SECTION REVIEW BY | | G. Fromm 10/14/76 | |
| 8. FINAL REVIEW BY | | E. L. Rolle Jan. 1978 | |
| 9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY | | N/A | |
| 10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY | | E. L. Rolle Jan. 1978 | |
| 11. MAP REGISTERED - COASTAL SURVEY SECTION BY | | R. T. Cator May 1978 | |

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

TP-00759

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) RC-8(E) RC-10(B)
focal length 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)6964-6966 | 10/17/74 | 1427-1430 | 1:30,000 | * -3.83 Ft. MHW |
| 74B6964R-6967R (I) | 11/1/75 | 1121-1125 | 1:30,000 | Refer to the following page for tide information. |

REMARKS *Computation from Predicted Tide Tables.
All 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 1. See paragraph 35 of compilation report bound with this job.

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-related infrared photography listed under item 1.

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

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

5. FINAL JUNCTIONS

NORTH TP-00753

~~No contemporary~~EAST No contemporary -
Surveys

SOUTH

TP-00760

WEST

TP-00758

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 -00759

| LOCATION AND PHOTOGRAPHY | TIDE STATIONS (In operation at time of photography) | STAGE OF TIDE | MEAN RANGE |
|---|--|----------------------|----------------|
| 75B6964R-6967R (Sandy Hook Bay) | SANDY HOOK (Reference Sta.) | in feet -0.10 MLW | in feet 4.6 |
| 75B6964R-6967R (Atlantic Ocean) | Seabright (Sub. Sta.) | -0.92 MLW | 4.4 |
| NOTE: Reference station(s) ONLY were observed at time of photography. | | | |
| | | | |

REMARKS:

Water penetration exists on the infrared photography. Refer to paragraph 35 of the compilation report bound with this ~~job~~. *Descriptive Report.*

HISTORY OF FIELD OPERATIONS

TP-00759

1. ☒ 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 ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

None

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

TP-00759

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

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

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

| NUMBER | CHART LETTER NUMBER ASSIGNED | DATE FORWARDED | REMARKS |
|--------|---------------------------------|-------------------|--|
| 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: _____

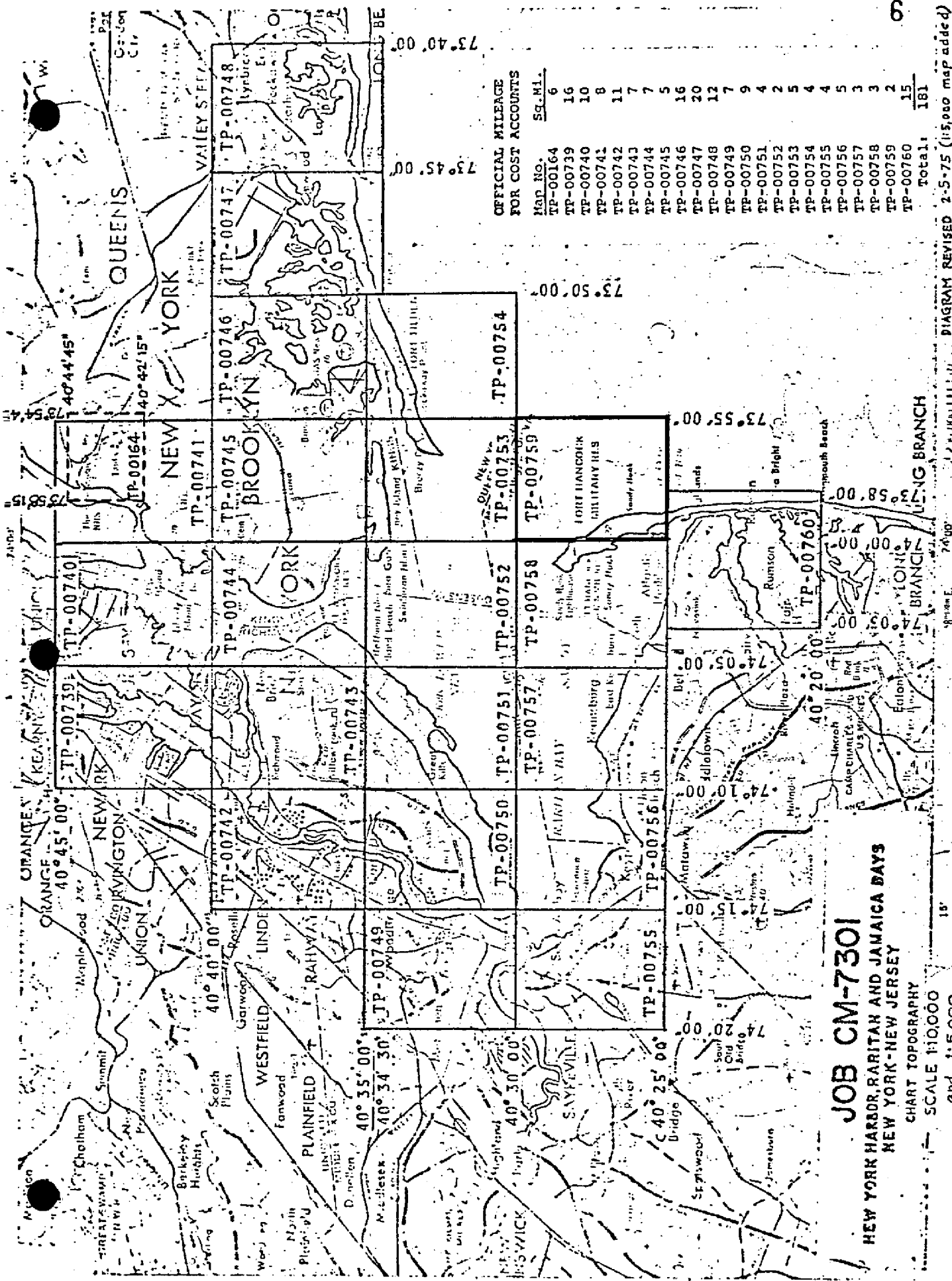
III. FEDERAL RECORDS CENTER DATA

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

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: | 181 |

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.

Photogrammetric Plot Report

New York Harbor, Raritan and Jamaica Bays, New York-New Jersey

CM-7301

July 1975

10

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-00739 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.

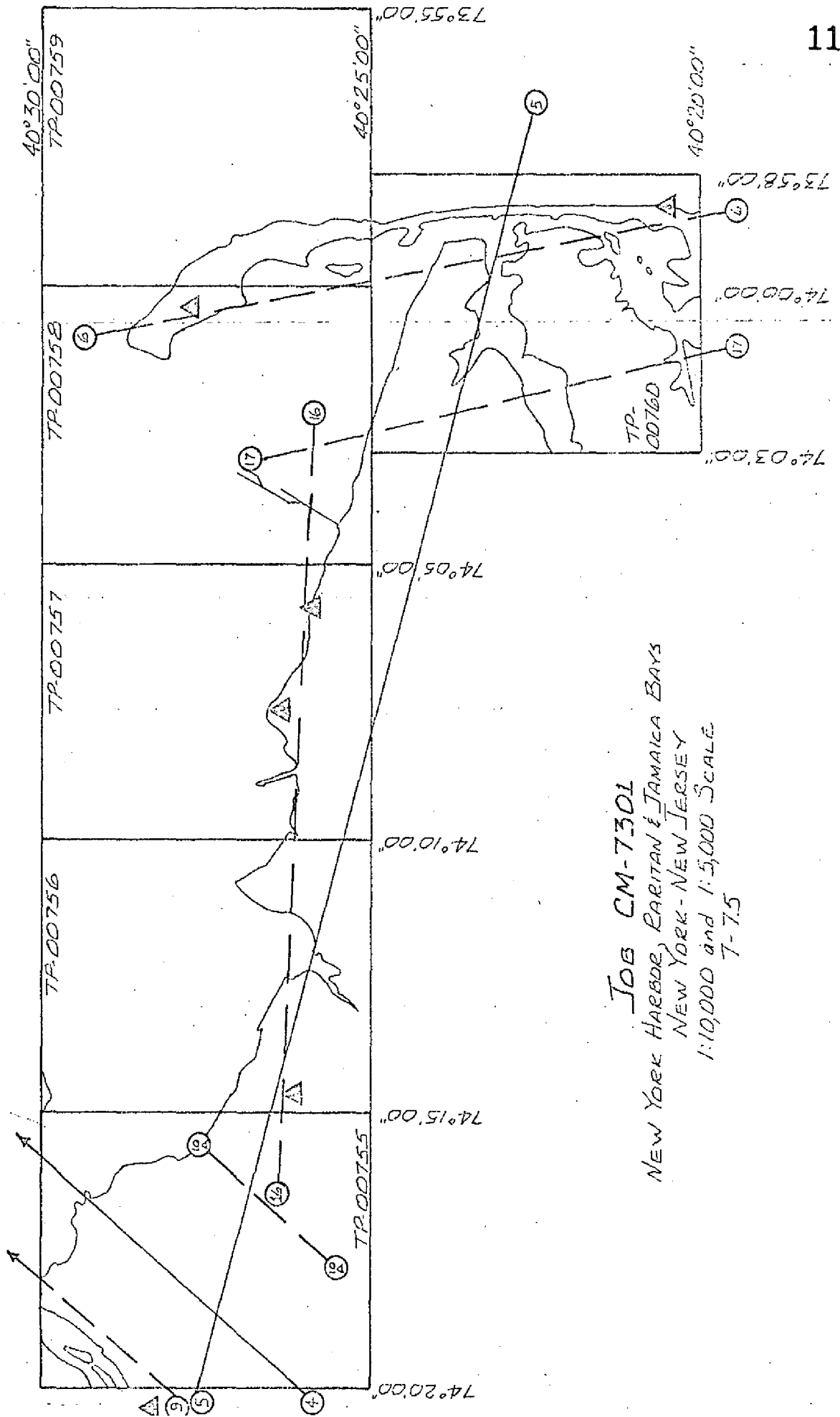
Respectfully submitted,

Ivey O. Raborn
Ivey O. Raborn

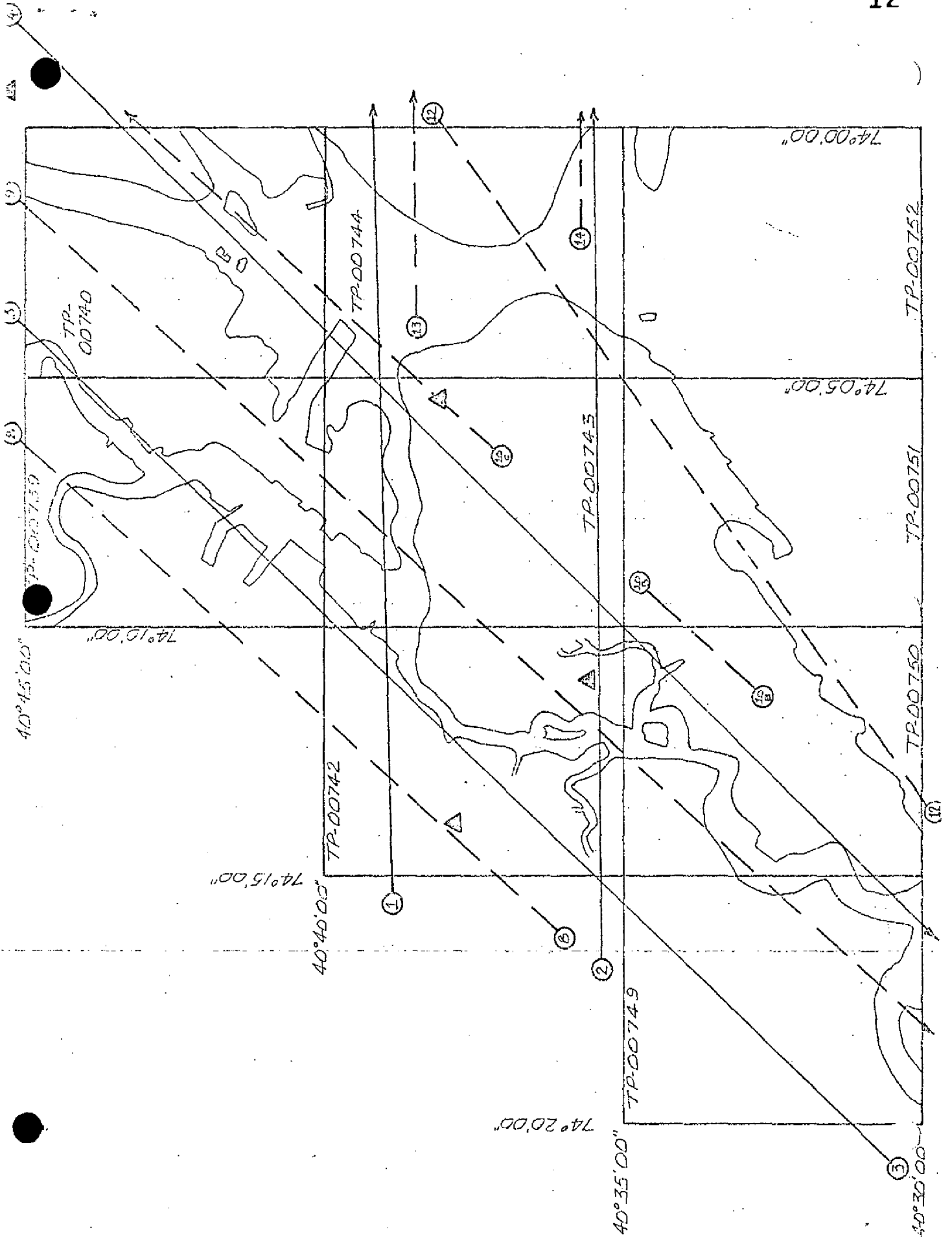
Approved and forwarded:

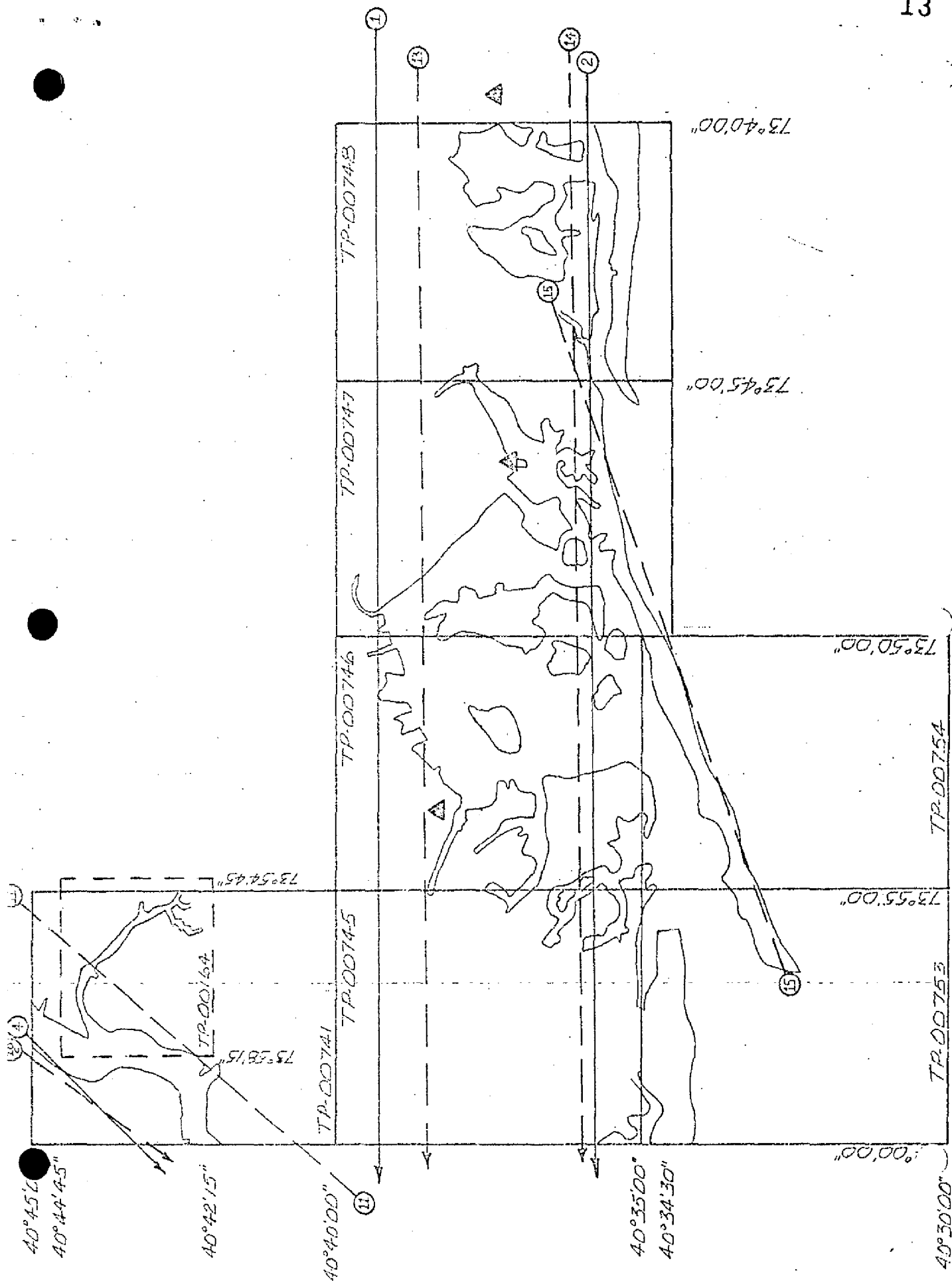
John D. Perrow, Jr.
John D. Perrow, Jr.

Chief, Aerotriangulation Section



JOB CM-7301
 NEW YORK HARBOUR, RARITAN & JAMAICA BAYS
 NEW YORK-NEW JERSEY
 1:10,000 and 1:5,000 SCALE
 T-7.5





| 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. | STATION NAME | JOB NO. | GEODETTIC DATUM | | AEROTRI- ANGULATION POINT NUMBER | SOURCE OF INFORMATION (Index) | COORDINATES IN FEET | | GEOGRAPHIC POSITION | | REMARKS |
|------------------|------------------|----------|-----------------|------|---|-------------------------------------|---------------------|---------------------|--------------------------|---------|---------------------------|
| | | | STATE | ZONE | | | ϕ LATITUDE | λ LONGITUDE | | | |
| TP-00759 | | CM-7301 | | | | | | | | | |
| | SPERMACEITE COVE | NJ 601 I | | | 966110 | | | | ϕ 40-25-35.696 | | Not plotted on manuscript |
| | CG Cape la | GP-P-572 | | | | | | | λ 73-59-04.774 | | |
| | SPERMACEITE COVE | NJ 601 I | | | | | | | ϕ 40-25-36.367 | | Not plotted on manuscript |
| | CG F19901e | GP-572 | | | | | | | λ 73-59-04.562 | | |
| | | | | | | | | | ϕ | | |
| | | | | | | | | | λ | | |
| | | | | | | | | | ϕ | | |
| | | | | | | | | | λ | | |
| | | | | | | | | | ϕ | | |
| | | | | | | | | | λ | | |
| | | | | | | | | | ϕ | | |
| | | | | | | | | | λ | | |
| | | | | | | | | | ϕ | | |
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| | | | | | | | | | ϕ | | |
| | | | | | | | | | λ | | |
| | | | | | | | | | ϕ | | |
| | | | | | | | | | λ | | |
| COMPUTED BY | N/A | | | | | | | | COMPUTATION CHECKED BY | N/A | DATE |
| LISTED BY | G. Fromm | | | | | | | | LISTING CHECKED BY | G. Ball | DATE |
| HAND PLOTTING BY | N/A | | | | | | | | HAND PLOTTING CHECKED BY | N/A | DATE |

TP-00759
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 instrument compilation of alongshore details. 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 color photography. Some evident changes were noted on the 1975 infrared photography in the delineation of the MHW line from the 1974 color photography. Graphic compilation by interpretation of the IR photography was used to update the shoreline.

Alongshore and foreshore detail was delineated by office interpretation of the color photography, and updated by graphic compilation from the later date 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.

37. Landmarks and Aids

Positions of landmarks and non-floating 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.

* Refer to REVIEW REPORT, item 67.

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 compiles 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:

Sandy Hook, NJ, 1:24,000 scale, 1954 edition, photorevised 1970

No significant changes were noted.

47. Comparison with Nautical Charts

A comparison has been made with the following nautical charts:

Chart 12324(formerly 824-SC) 1:40,000 scale, 13th edition, July 1974

Chart 12327(formerly 369) 1:40,000 scale, 65th edition, Feb. 1, 1975

Chart 12328(formerly 369-SC) 1:40,000 scale, 12th edition Feb. 1975

Items to be Applied to Nautical Charts Immediately - None

Items to be Carried Forward - None

Submitted by,



G. Eromm

Special Projects Section

Approved and forwarded:



COMPILATION OFFICE CHECK LIST

CLASS III MANUSCRIPT

TP - 00759

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 76Supervisor George S. Bue



February 10, 1978

TO: Chief, Photogrammetric Branch

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

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

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

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

cc: C3442
C3421
C3424



REVIEW REPORT
TP- 00759

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 H. Rolle
Chief, Coastal Mapping Division

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00759

Atlantic Ocean

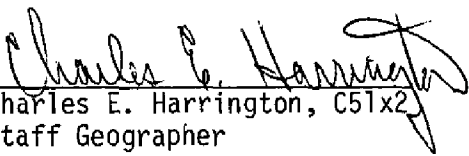
False Hook Channel

Horseshoe Cove

Sandy Hook

Spermaceti Cove

Approved by:


Charles E. Harrington, C51x2
Staff Geographer

* SVY TP-00759 * LANDMARKS FOR CHARTS * RPT UNIT CMD ROCKVILLE, MD. * PAGE 2 OF 2 *

* JOB CM-7301 * TO BE REVISED * LOCALITY FALSE HOOK CHANNEL * ORIGINATING ACTIVITY * * * * *

* PRJ N Y HARBOR * DATE 08/12/77 * * * * *

* DTM NA 1927 * * * * *

* * * * *

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

* * * * *

* CHARTING * RECORD REASON FOR DELETION * POSITION * CMD * METHOD AND DATE * * CHARTS * * * * *

* NAME * PUT TRIANGULATION NAMES IN () * LATITUDE * DM * ALTEK * OF LOCATION * * * * *

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TYPE OF ACTION * NAMES OF RESPONSIBLE PERSONNEL * ORIGINATOR

POSITIONS DETERMINED
AND/OR VERIFIED BY
FIELD AND OFFICE
ACTIVITIES

NO FIELD EDIT-CLASS III MAP
G. FROMM
NOT DIGITIZED
G. FROMM

FIELD REPRESENTATIVE
OFFICE COMPILER
DIGITIZER
DATA PROCESSOR

TP-00759

National Archives Data

None

