

ORIGINAL

\*

TP-00749

TP-00749

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-00749 .....

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

### LOCALITY

State . New Jersey . - New York .....

General Locality . Arthur Kill - Raritan River .....

Locality . Port Reading to Keasbey .....

1974 TO 19 75

### REGISTRY IN ARCHIVES

DATE .....



TIDE - COORDINATED PHOTOGRAPHY  
TP - 00749

| LOCATION AND PHOTOGRAPHY                                                        | TIDE STATIONS<br>(In operation at time of photography) | STAGE OF TIDE<br>in feet | MEAN RANGE<br>in feet |
|---------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------|-----------------------|
|                                                                                 | SANDY HOOK<br>(Reference Station)                      |                          | 4.6                   |
| 75B6973R-6775R<br>(Raritan River)                                               | South Amboy<br>(Sub.Sta.)                              | -0.08 MLW                | 5.0                   |
| 75B5979R-5982R<br>(Arthur Kill)                                                 | Perth Amboy<br>(Sub.Sta.)                              | -0.68 MLW                | 5.2                   |
|                                                                                 | Tohenville<br>(Sub.Sta.)                               | -0.68 MLW                | 5.3                   |
| NOTE: Reference station(s) <u>ONLY</u><br>were observed at time of photography. |                                                        |                          |                       |

## REMARKS:

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

TIDE - COORDINATED PHOTOGRAPHY  
TP - 00749

| LOCATION AND PHOTOGRAPHY                                                                | TIDE STATIONS<br>(In operation at time of photography) | STAGE OF TIDE<br>in feet | MEAN RANGE<br>in feet |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------|-----------------------|
|                                                                                         | SANDY HOOK<br>(Reference Station)                      |                          | 4.6                   |
| 75B6973R-6775R<br>(Raritan River)                                                       | South Amboy<br>(Sub.Sta.)                              | -0.08 MLW                | 5.0                   |
| 75B5979R-5982R<br>(Arthur Kill)                                                         | Perth Amboy<br>(Sub.Sta.)                              | -0.68 MLW                | 5.2                   |
|                                                                                         | Tohenville<br>(Sub.Sta.)                               | -0.68 MLW                | 5.3                   |
| <p>NOTE: Reference station(s) <u>ONLY</u><br/>were observed at time of photography.</p> |                                                        |                          |                       |

## REMARKS:

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

TP-00749

## 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<br>ESTABLISHED BY N/A<br>PRE-MARKED OR IDENTIFIED BY N/A                                                                                             |      |
| 3. VERTICAL CONTROL                 | RECOVERED BY N/A<br>ESTABLISHED BY N/A<br>PRE-MARKED OR IDENTIFIED BY N/A                                                                                             |      |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY N/A<br>LOCATED (Field Methods) BY N/A<br>IDENTIFIED BY N/A                                                                      |      |
| 5. GEOGRAPHIC NAMES INVESTIGATION   | TYPE OF INVESTIGATION<br><input type="checkbox"/> COMPLETE<br><input type="checkbox"/> SPECIFIC NAMES ONLY BY<br><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-00749

## I. MANUSCRIPT COPIES

| COMPILATION STAGES                         |           |                                       | DATE MANUSCRIPT FORWARDED |               |
|--------------------------------------------|-----------|---------------------------------------|---------------------------|---------------|
| DATA COMPILED                              | DATE      | REMARKS                               | MARINE CHARTS             | HYDRO SUPPORT |
| Compilation complete<br>pending field edit | 10/14/76  | Class III Map<br>Field Edit Postponed | 10/19/76                  |               |
| Final review prior to<br>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<br>NUMBER ASSIGNED | DATE<br>FORWARDED | REMARKS                                                                                                                                                                                                                            |
|--------|---------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4      |                                 | Oct. 1977         | Digitized Forms 76-40 were submitted as a<br>final report. The computer cards for these<br>landmarks and aids are on file in the CHD<br>Special Projects Section, and will be destroyed<br>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:

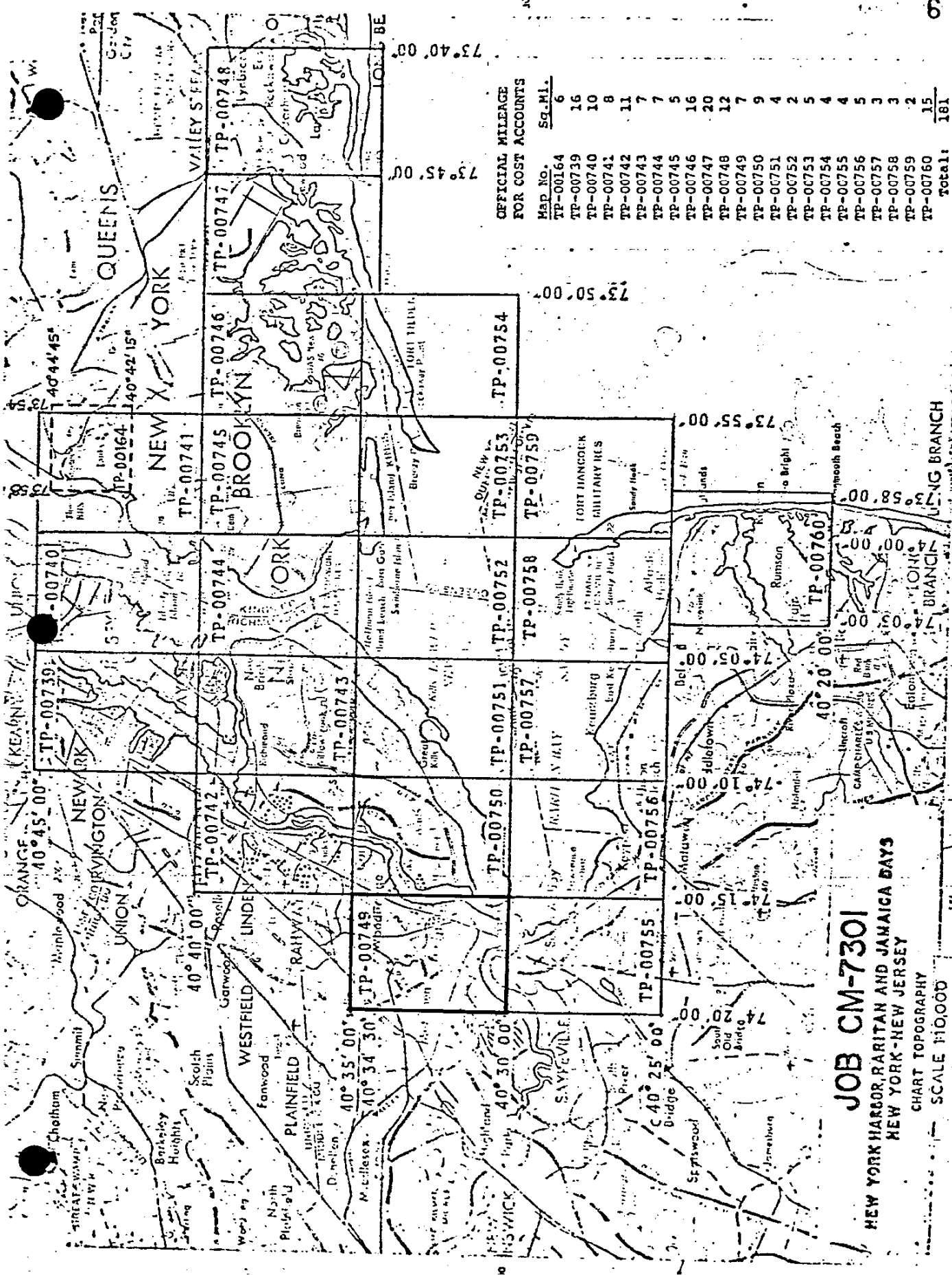
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: \_\_\_\_\_

## IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

|                   |                                 |                          |                                                                                                                                                                 |
|-------------------|---------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SECOND<br>EDITION | SURVEY NUMBER<br>TP - _____ (2) | JOB NUMBER<br>PH - _____ | TYPE OF SURVEY<br><input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY                                                                            |
|                   | DATE OF PHOTOGRAPHY             | DATE OF FIELD EDIT       | MAP CLASS<br><input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
| THIRD<br>EDITION  | SURVEY NUMBER<br>TP - _____ (3) | JOB NUMBER<br>PH - _____ | TYPE OF SURVEY<br><input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY                                                                            |
|                   | DATE OF PHOTOGRAPHY             | DATE OF FIELD EDIT       | MAP CLASS<br><input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
| FOURTH<br>EDITION | SURVEY NUMBER<br>TP - _____ (4) | JOB NUMBER<br>PH - _____ | TYPE OF SURVEY<br><input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY                                                                            |
|                   | DATE OF PHOTOGRAPHY             | DATE OF FIELD EDIT       | MAP CLASS<br><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



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

| OFFICIAL MILEAGE<br>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.

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-00733 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.

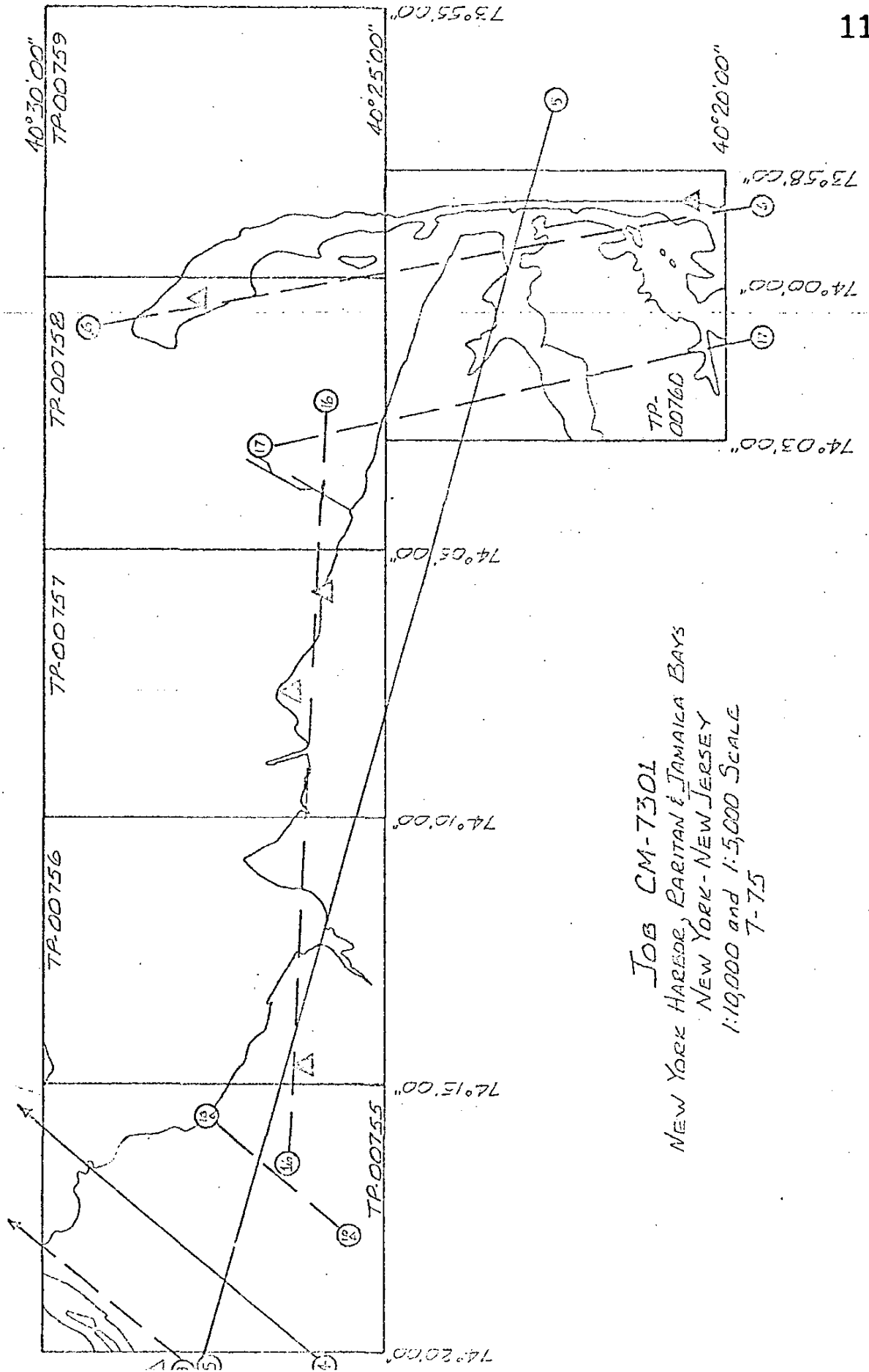
Respectfully submitted,

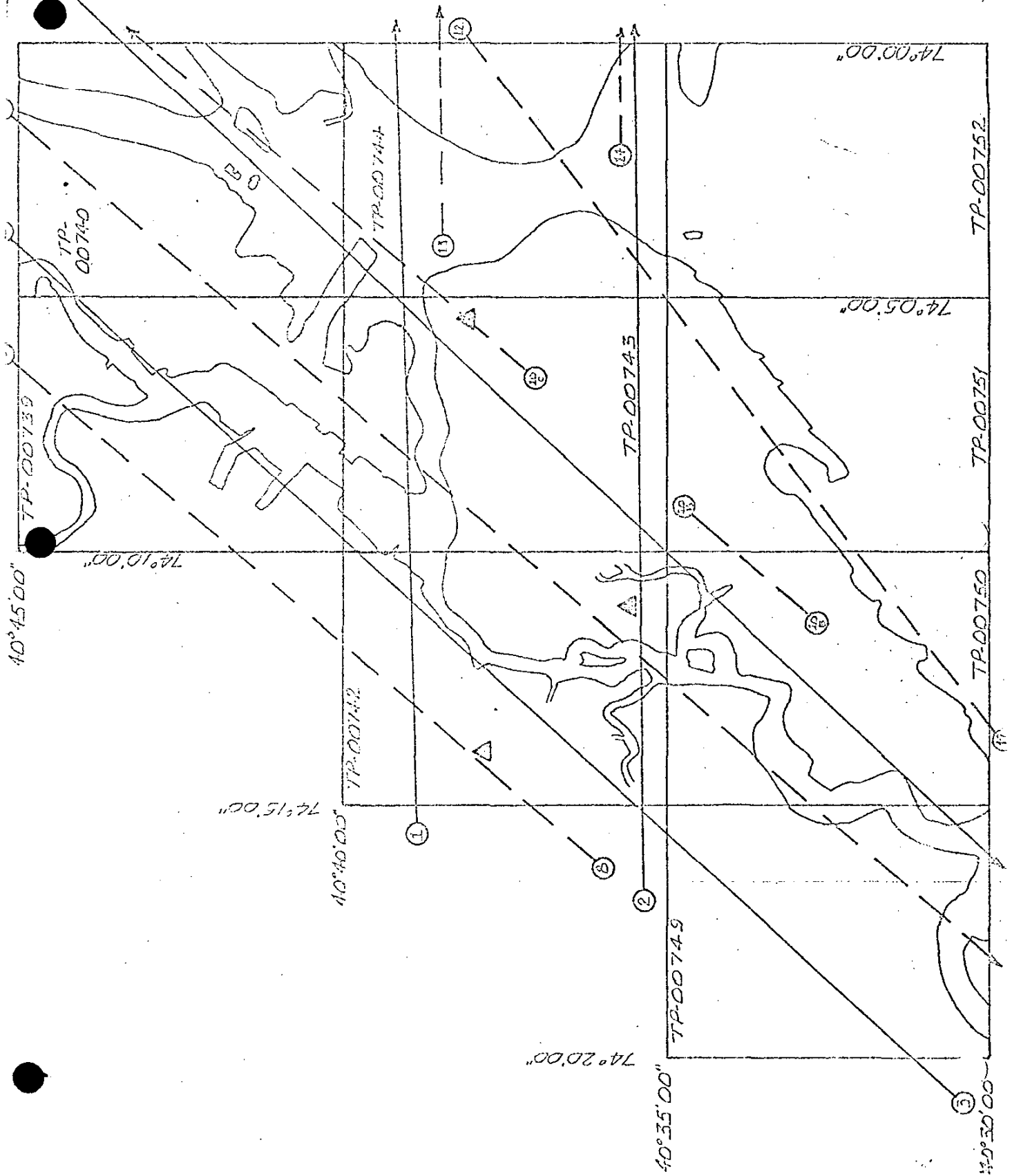
*Ivey O. Raborn*  
Ivey O. Raborn

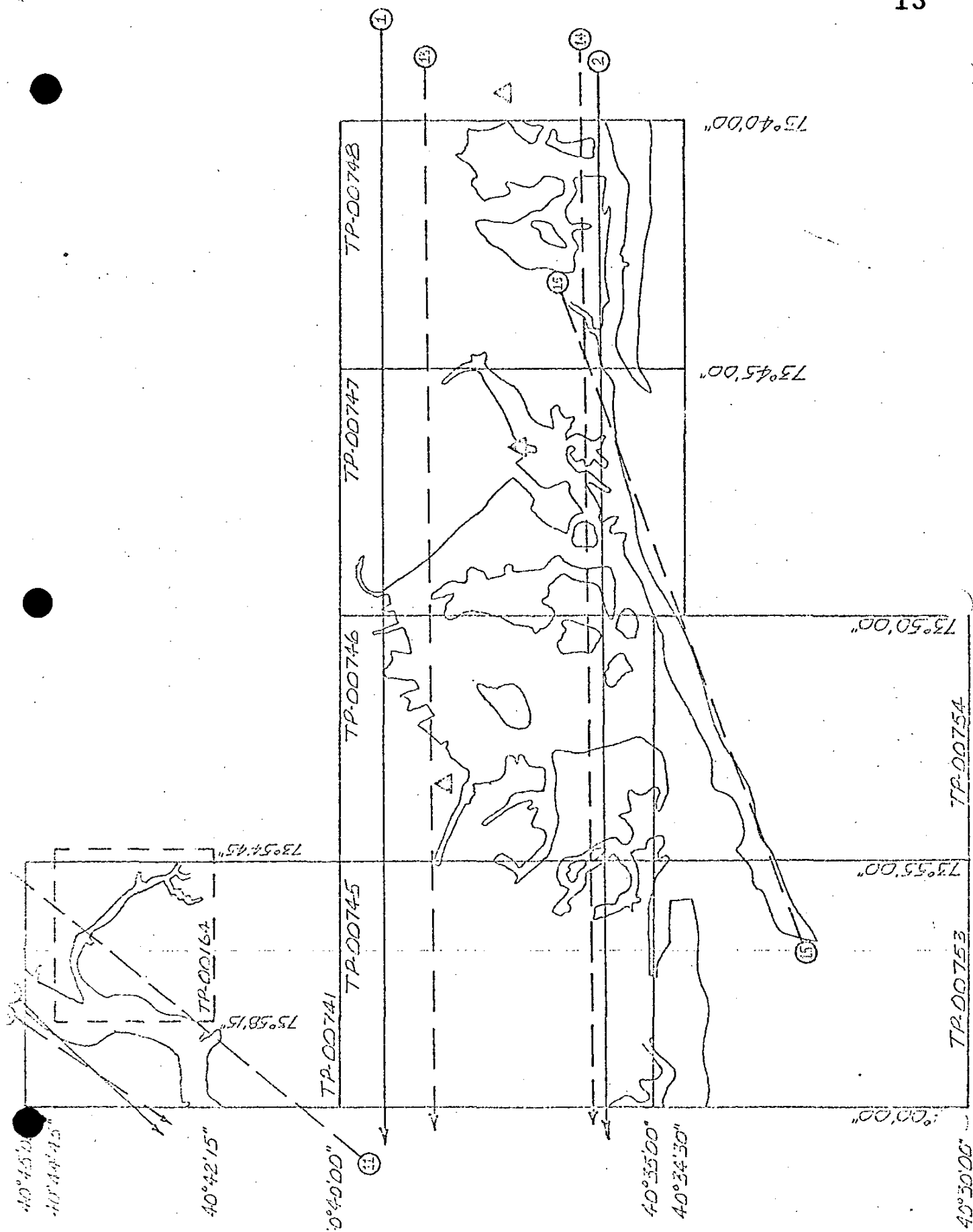
Approved and forwarded:

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

Chief, Aerotriangulation Section







| Strip No.           | Scale  | Photo Nos.      |
|---------------------|--------|-----------------|
| 1                   | 60,000 | 74C(C)864-874   |
| 2                   | "      | 851-861         |
| 3                   | "      | 74C(C)892-902   |
| 4                   | "      | 877-887         |
| 5                   | "      | 1202-1207       |
| 6                   | 30,000 | 74E(C)6963-6970 |
| No strip numbered 7 |        |                 |
| 8                   | 30,000 | 74E(C)7145-7154 |
| 9                   | "      | 7083-7099       |
| 10A                 | "      | 7125-7127       |
| 10B                 | "      | 7131-7133       |
| 10C                 | "      | 7135-7143       |
| 11                  | "      | 7076-7082       |
| 12                  | "      | 7186-7196       |
| 13                  | "      | 7056-7069       |
| 14                  | "      | 7040-7052       |
| 15                  | "      | 7172-7179       |
| 16                  | "      | 7162-7170       |
| 17                  | "      | 7197-7202       |

## DESCRIPTIVE REPORT CONTROL RECORD

| MAP NO.                                                           | STATION NAME         | JOB NO.       | COORDINATES IN FEET<br>STATE<br>ZONE | AEROTRI-<br>ANGULATION<br>POINT<br>NUMBER | SOURCE OF<br>INFORMATION<br>(Index) | ORIGINATING ACTIVITY                             | REMARKS                            |
|-------------------------------------------------------------------|----------------------|---------------|--------------------------------------|-------------------------------------------|-------------------------------------|--------------------------------------------------|------------------------------------|
|                                                                   |                      |               |                                      |                                           |                                     | Geographic Position<br>φ LATITUDE<br>λ LONGITUDE |                                    |
| TP-00749                                                          |                      | CM-7301       | N.A. 1927                            |                                           |                                     | Coastal Mapping Div., Rockville                  |                                    |
| MAURER GENERAL ASPHALT<br>CO. TANK, 1931                          | NJ Vol I<br>GP-P.508 | 899111        | X=                                   |                                           |                                     | φ 40-32-28.627                                   |                                    |
|                                                                   |                      |               | Y=                                   |                                           |                                     | λ 74-16-23.403                                   |                                    |
| PERTH AMBOY STANDPIPE<br>1930                                     | NJ Vol I<br>GP-P.482 | 899110        | X=                                   |                                           |                                     | φ 40-31-21.738                                   |                                    |
|                                                                   |                      |               | Y=                                   |                                           |                                     | λ 74-17-01.502                                   |                                    |
| DEACON NO. 6<br>1931                                              | NJ Vol I<br>GP-P.416 | 89            | X=                                   |                                           |                                     | φ 40-32-45.752                                   |                                    |
|                                                                   |                      |               | Y=                                   |                                           |                                     | λ 74-15-04.605                                   |                                    |
| PERTH AMBOY, ST. STEPHENS<br>POLISH CATHOLIC CHURCH<br>SPIRE 1930 | NJ Vol I<br>GP-P.482 | 91            | X=                                   |                                           |                                     | φ 40-30-56.847                                   |                                    |
|                                                                   |                      |               | Y=                                   |                                           |                                     | λ 74-15-51.836                                   |                                    |
| PERTH AMBOY BANK BUILDING<br>TANK 1931                            | NJ Vol I<br>GP-P.540 | 879110        | X=                                   |                                           |                                     | φ 40-30-32.767                                   |                                    |
|                                                                   |                      |               | Y=                                   |                                           |                                     | λ 74-16-05.481                                   |                                    |
| FORDS HAYDEN CHEMICAL<br>CO. TANK 1932                            | NJ Vol I<br>GP-P.478 | 152           | X=                                   |                                           |                                     | φ 40-30-51.176                                   | Not identifiable<br>on photography |
|                                                                   |                      |               | Y=                                   |                                           |                                     | λ 74-19-23.025                                   |                                    |
| FORDS HAYDEN CHEMICAL<br>CO. CHY 1932                             | NJ Vol I<br>GP-P.478 |               | X=                                   |                                           |                                     | φ 40-30-50.117                                   |                                    |
|                                                                   |                      |               | Y=                                   |                                           |                                     | λ 74-19-16.439                                   |                                    |
| NORTH PERTH AMBOY<br>INCINERATOR CHY 1932                         | NJ Vol I<br>GP-P.479 | 153           | X=                                   |                                           |                                     | φ 40-30-56.244                                   |                                    |
|                                                                   |                      |               | Y=                                   |                                           |                                     | λ 74-17-20.047                                   |                                    |
| ST. PETER'S CHURCH<br>(SPIRE) 1903                                | NJ Vol I<br>GP-P.606 |               | X=                                   |                                           |                                     | φ 40-30-13.147                                   |                                    |
|                                                                   |                      |               | Y=                                   |                                           |                                     | λ 74-15-56.317                                   |                                    |
| RARITAN RIVER BEACON<br>NO. 2 1932                                | NJ Vol I<br>GP-P.478 | 151           | X=                                   |                                           |                                     | φ 40-30-24.128                                   |                                    |
|                                                                   |                      |               | Y=                                   |                                           |                                     | λ 74-18-54.486                                   |                                    |
| COMPUTED BY                                                       | N/A                  | DATE          | COMPUTATION CHECKED BY               | N/A                                       | DATE                                |                                                  |                                    |
| LISTED BY                                                         | G. Fromm             | DATE 11-10-75 | LISTING CHECKED BY                   | G. Ball                                   | DATE Nov 10, 1975                   |                                                  |                                    |
| HAND PLOTTING BY                                                  | N/A                  | DATE          | HAND PLOTTING CHECKED BY             | N/A                                       | DATE                                |                                                  |                                    |

## DESCRIPTIVE REPORT CONTROL RECORD

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

| MAP NO.                  | STATION NAME                                                  | JOB NO. | SOURCE OF INFORMATION (Index) | AEROTRIANGULATION POINT NUMBER | COORDINATES IN FEET |      | GEOGRAPHIC POSITION |             | ORIGINATING ACTIVITY | REMARKS                         |
|--------------------------|---------------------------------------------------------------|---------|-------------------------------|--------------------------------|---------------------|------|---------------------|-------------|----------------------|---------------------------------|
|                          |                                                               |         |                               |                                | STATE               | ZONE | φ LATITUDE          | λ LONGITUDE |                      |                                 |
| TD-00749                 |                                                               | 07-7301 |                               |                                |                     |      |                     |             |                      |                                 |
|                          | VASELINE 1915                                                 |         | NJ 001Z                       |                                | X=                  |      | φ 40-30-15-612      |             |                      | 345                             |
|                          | (Tallest stack)                                               |         | GD-P481                       |                                | Y=                  |      | λ 74-16-45-613      |             |                      |                                 |
|                          | KEASBY CARBORUNDUM CO. 1932                                   |         | NJ 001Z                       | 209113                         | X=                  |      | φ 40-30-41-735      |             |                      |                                 |
|                          | TALL CHY 1932                                                 |         | GP-P479                       |                                | Y=                  |      | λ 74-18-29-111      |             |                      |                                 |
|                          | PERTH AMBOY GENERAL CABLE CO. STANDARD UNDERGROUND PLANT 1931 |         | NJ 001Z                       |                                | X=                  |      | φ 40-30-49-031      |             |                      |                                 |
|                          | TANK 1931                                                     |         | GP-P540                       |                                | Y=                  |      | λ 74-15-41-829      |             |                      |                                 |
|                          | PERTH AMBOY NATIONAL LEAD CO. STACK (SHEETS) 1931             |         | NJ 001Z                       |                                | X=                  |      | φ 40-31-45-410      |             |                      | Not plotted on map description. |
|                          | SHOT 1915                                                     |         | GP-P540                       |                                | Y=                  |      | λ 74-15-42-262      |             |                      | 335                             |
|                          |                                                               |         | NJ 001Z                       |                                | X=                  |      | φ 40-31-48-312      |             |                      |                                 |
|                          |                                                               |         | GP-P476                       |                                | Y=                  |      | λ 74-15-42-445      |             |                      |                                 |
|                          | PERTH AMBOY FORD. PORCELAIN WORKS TALLEST TANK 1930           |         | NJ 001Z                       |                                | X=                  |      | φ 40-30-50-436      |             |                      |                                 |
|                          |                                                               |         | GP-P482                       |                                | Y=                  |      | λ 74-16-43-050      |             |                      |                                 |
|                          |                                                               |         |                               |                                | X=                  |      | φ                   |             |                      |                                 |
|                          |                                                               |         |                               |                                | Y=                  |      | λ                   |             |                      |                                 |
|                          |                                                               |         |                               |                                | X=                  |      | φ                   |             |                      |                                 |
|                          |                                                               |         |                               |                                | Y=                  |      | λ                   |             |                      |                                 |
|                          |                                                               |         |                               |                                | X=                  |      | φ                   |             |                      |                                 |
|                          |                                                               |         |                               |                                | Y=                  |      | λ                   |             |                      |                                 |
|                          |                                                               |         |                               |                                | X=                  |      | φ                   |             |                      |                                 |
|                          |                                                               |         |                               |                                | Y=                  |      | λ                   |             |                      |                                 |
| COMPUTED BY              | N/A                                                           |         |                               |                                |                     |      |                     |             |                      |                                 |
|                          |                                                               |         |                               |                                |                     |      |                     |             |                      |                                 |
| LISTED BY                | G. Fromm                                                      |         |                               |                                |                     |      |                     |             |                      |                                 |
| HAND PLOTTING BY         | N/A                                                           |         |                               |                                |                     |      |                     |             |                      |                                 |
| COMPUTATION CHECKED BY   | N/A                                                           |         |                               |                                |                     |      |                     |             |                      |                                 |
| LISTING CHECKED BY       | G. Ball                                                       |         |                               |                                |                     |      |                     |             |                      |                                 |
| HAND PLOTTING CHECKED BY | N/A                                                           |         |                               |                                |                     |      |                     |             |                      |                                 |
| DATE                     | 11-10-75                                                      |         |                               |                                |                     |      |                     |             |                      |                                 |
| DATE                     | Nov 10, 1975                                                  |         |                               |                                |                     |      |                     |             |                      |                                 |
| DATE                     |                                                               |         |                               |                                |                     |      |                     |             |                      |                                 |

TP-00749  
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 updated 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.

\* Refer to REVIEW REPORT, item 67.

36. Offshore Details

No unusual problems were encountered in compiling details offshore.

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:

Perth Amboy, N.J.-N.Y., Scale 1:24,000, 1956 Edition  
Photorevised 1970.

Arthur Kill, 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.

12331 (formerly 286), scale 1:15,000, 19th Edition, dated Sept. 7, 1974.

375, scale 1:20,000, 16th Edition, dated Nov. 18, 1972.

Items to be applied to Nautical Charts immediately - None.

Items to be carried forward - None.

Submitted by:

*G. Vanderhaven*  
G. Vanderhaven

Approved and Forwarded:

*George M. Ball*

## COMPILATION OFFICE CHECK LIST

## CLASS III MANUSCRIPT

TP - 00749

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 76

Supervisor P. M. 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-00749

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.

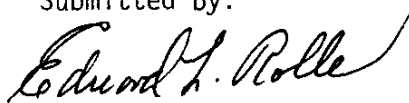
67. The Mean Low Water Line

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.

68. Marsh

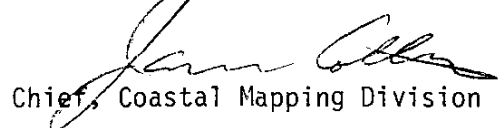
The back limits of "fingers of marsh" were not compiled, where the horizontal distance to the apparent shoreline was 15 meters or less at map scale. No attempt was made to displace these limits or to label "finger of marsh," because of the dense concentration of other map detail.

Submitted by:



Edward L. Rolle

Approved and Forwarded:

  
Chief, Photogrammetric Branch  
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-00749

Arthur Kill

Black Ditch

Boynton Beach (locality)

Central RR of N.J.

Crows Mill Creek

Keasbey

Lehigh Valley RR

Marsh Point

Maurer

Perth Amboy

Ploughshare Point

Raritan River

Red Root Creek

Sandy Point

Sewaren

Smith Creek

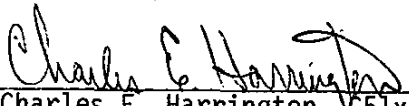
Spring Creek

Staten Island

Tottenville

Woodbridge Creek

Approved by:

  
Charles E. Harrington, C51x2  
Staff Geographer

\* SVY TP-00756 \* \* RPT UNIT CMD ROCKVILLE, MD. \* PAGE 1 OF 3 \*  
\* JOB CM-7301 \* NONFLOATING AIDS FOR CHARTS \* STATE NEW JERSEY \*  
\* PRJ N Y HARBOR \* TO BE REVISED \* LOCALITY KEYPORT HARBOR \* 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 *    | * RECORD REASON FOR DELETION *     | * LATITUDE DM *  | * ALTEK * | * OF LOCATION *     | * AFFECTED * |
|             | * PUT TRIANGULATION NAMES IN ( ) * | * LONGITUDE DP * | * DGTZD * | * OFFICE FIELD *    |              |

\* \* NEW YORK HARBOR - RARITAN BAY \* \* \* \*

\* -LIGHT \* (RARITAN BAY BEACON 5, 1930) \* 40 29 46.90 1446.6 NOT \*74E(C)7195\* \* 12327 \*  
\* 42 \* \* 74 13 28.96 682.0 DGTZD\* 10/19/74 \* \* 12331 \*

\* -LIGHT \* \* 40 29 23.87 736.3 \*74E(C)7195\* \* 12327 \*  
\* 47 \* \* 74 13 42.94 1011.3 \* 10/19/74 \* \* 12331 \*

\* -LIGHT \* \* 40 29 25.47 785.6 \*74E(C)7195\* \* 12327 \*  
\* 52 \* \* 74 14 26.44 622.7 \* 10/19/74 \* \* 12331 \*

\* \* NEW YORK HARBOR - RARITAN BAY \* \* \* \*

\* \* WARD POINT SECONDARY CHANNEL \* \* \* \*

\* -LIGHT \* (RARITAN BAY BEACON 4, 1930) \* 40 29 07.39 227.9 NOT \*74E(C)7195\* \* 12327 \*  
\* 4 \* \* 74 14 28.57 672.9 DGTZD\* 10/19/74 \* \* 12331 \*

\* \* NEW YORK HARBOR - RARITAN BAY \* \* \* \*

\* \* SOUTH CHANNEL \* \* \* \*

\* LIGHT \* BOUNDARY LIGHT (BOUNDRY \* 40 28 35.30 1088.8 NOT \*74E(C)7195\* \* 12327 \*  
\* BEACON NY - NJ 1903) \* 74 13 32.67 769.6 DGTZD\* 10/19/74 \* \* 12331 \*

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

|                        |                               |                        |
|------------------------|-------------------------------|------------------------|
| * POSITIONS DETERMINED | * NO FIELD EDIT-CLASS III MAP | * FIELD REPRESENTATIVE |
| * AND/OR VERIFIED BY   | * J. SCHAD                    | * OFFICE COMPILER      |
| * FIELD AND OFFICE     | * L. HARROD                   | * DIGITIZER            |
| * ACTIVITIES           | * G. FROMM                    | * DATA PROCESSOR       |

\* SVY TP-00749 \* \* RPT UNIT CMD ROCKVILLE, MD. \* PAGE 1 OF 4 \*  
\* JOB CM-7301 \* NONFLOATING AIDS FOR CHARTS \* STATE NEW JERSEY \*  
\* PRJ N Y HARBOR\* TO BE REVISED \* LOCALITY P READING TO KEASBEY\*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 *    | * RECORD REASON FOR DELETION *     | * LATITUDE DM *  | * ALTEK* | * OF LOCATION *     | * *AFFECTED* |
|             | * PUT TRIANGULATION NAMES IN ( ) * | * LONGITUDE DP * | * DGTZD* | * OFFICE * FIELD *  |              |

\* NEW YORK HARBOR - RARITAN BAY \*  
\* RARITAN RIVER \*

|            |                           |               |          |                     |         |
|------------|---------------------------|---------------|----------|---------------------|---------|
| * -LT 14 * | * (RARITAN RIVER BEACON - | * 40 30 24.13 | * 744.3  | * NOT *74E(C)7097*  | * 375 * |
|            | * NO 2, 1932)             | * 74 18 54.49 | * 1283.0 | * DGTZD* 10/19/74 * |         |

\* NEW YORK HARBOR - RARITAN BAY \*  
\* RARITAN RIVER SOUTH CHANNEL \*

|           |                       |               |       |                    |         |
|-----------|-----------------------|---------------|-------|--------------------|---------|
| * LIGHT * | * TITANIUM DOCK LIGHT | * 00 00 00.00 | * 0.0 | * NOT *UNVERIFIED* | * 375 * |
|           |                       | * 00 00 00.00 | * 0.0 | * DGTZD*           |         |

\* NEW YORK HARBOR \*  
\* ARTHUR KILL \*

|           |                            |               |         |                |           |
|-----------|----------------------------|---------------|---------|----------------|-----------|
| * RANGE * | * OUTER BRIDGE REACH RANGE | * 40 33 06.05 | * 186.6 | * *74E(C)7095* | * 286 *   |
| * F LT *  | * FRONT LIGHT              | * 74 15 14.12 | * 332.2 | * 10/19/74 *   | * 12327 * |

|           |                            |               |         |                |           |
|-----------|----------------------------|---------------|---------|----------------|-----------|
| * RANGE * | * OUTER BRIDGE REACH RANGE | * 40 33 13.20 | * 407.2 | * *74E(C)7095* | * 286 *   |
| * R LT *  | * REAR LIGHT               | * 74 15 15.50 | * 364.7 | * 10/19/74 *   | * 12327 * |

|           |                                  |               |       |                    |           |
|-----------|----------------------------------|---------------|-------|--------------------|-----------|
| * RANGE * | * MAURER SOUTH RANGE FRONT LIGHT | * 00 00 00.00 | * 0.0 | * NOT *UNVERIFIED* | * 286 *   |
| * F LT *  |                                  | * 00 00 00.00 | * 0.0 | * DGTZD*           | * 12327 * |

24

12328

| * TYPE OF ACTION *     | * NAMES OF RESPONSIBLE PERSONNEL * | * ORIGINATOR *         |
|------------------------|------------------------------------|------------------------|
| * POSITIONS DETERMINED | * NO FIELD EDIT-CLASS III MAP      | * FIELD REPRESENTATIVE |
| * AND/OR VERIFIED BY   | * G. VANDERHAVEN                   | * 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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770818

\* SVY TP-00749 \* \* RPT UNIT CMD ROCKVILLE, MD. \* PAGE 2 OF 4 \*  
\* JOB CM-7301 \* NONFLOATING AIDS FOR CHARTS \* STATE NEW JERSEY \*  
\* PRJ N Y HARBOR \* TO BE REVISED \* LOCALITY P READING TO KEASBEY \* 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                           | RECORD REASON FOR DELETION | LATITUDE | DM     | OF LOCATION     | AFFECTED |
| PUT TRIANGULATION NAMES IN ( ) | LONGITUDE                  | DP       | DGTZD* | OFFICE * FIELD  |          |

|          |                                  |               |        |                   |           |
|----------|----------------------------------|---------------|--------|-------------------|-----------|
| * RANGE  | * MAURER SOUTH RANGE REAR LIGHT  | * 00 00 00.00 | 0.0    | NOT *UNVERIFIED*  | * 286 *   |
| * R LT   | * SAME AS MAURER N RGE REAR LT   | * 00 00 00.00 | 0.0    | DGTZD*            | * 12327 * |
| * RANGE  | * MAURER NORTH RANGE FRONT LIGHT | * 00 00 00.00 | 0.0    | NOT *UNVERIFIED*  | * 286 *   |
| * F LT   | *                                | * 00 00 00.00 | 0.0    | DGTZD*            | * 12327 * |
| * RANGE  | * MAURER NORTH RANGE REAR LIGHT  | * 00 00 00.00 | 0.0    | NOT *UNVERIFIED*  | * 286 *   |
| * R LT   | * SAME AS MAURER S RGE REAR LT   | * 00 00 00.00 | 0.0    | DGTZD*            | * 12327 * |
| * LIGHT  | * HESS DOCK DIRECTIONAL LIGHT    | * 40 32 19.97 | 616.0  | *74E(C)7095*      | * 286 *   |
| *        | *                                | * 74 15 18.01 | 423.8  | * 10/19/74 *      | * 12327 * |
| * RANGE  | * HESS DOCK RANGE FRONT LIGHT    | * 40 32 17.33 | 534.5  | *74E(C)7095*      | * 286 *   |
| * F LT   | *                                | * 74 15 15.43 | 363.1  | * 10/19/74 *      | * 12327 * |
| * RANGE  | * HESS DOCK RANGE REAR LIGHT     | * 40 32 15.39 | 474.7  | *74E(C)7095*      | * 286 *   |
| * R LT   | *                                | * 74 15 15.77 | 371.1  | * 10/19/74 *      | * 12327 * |
| * -LIGHT | * (BEACON NO 6, 1931)            | * 40 32 45.75 | 1411.2 | NOT *74E(C)7095*  | * 286 *   |
| * 10     | *                                | * 74 15 04.61 | 108.5  | DGTZD* 10/19/74 * | * 12327 * |
| * LIGHT  | * LOWER MOORING LIGHT            | * 40 32 26.28 | 810.6  | *74E(C)7095*      | * 286 *   |
| *        | *                                | * 74 15 15.29 | 359.8  | * 10/19/74 *      | * 12327 * |
| *        | *                                | *             | *      | *                 | * 12328 * |
| *        | *                                | *             | *      | *                 | *         |
| *        | *                                | *             | *      | *                 | *         |
| *        | *                                | *             | *      | *                 | *         |
| *        | *                                | *             | *      | *                 | *         |
| *        | *                                | *             | *      | *                 | *         |

25

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

76-40  
LISTING

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COASTAL MAPPING DIVISION

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\* SVY TP-00749 \* \* RPT UNIT CMD ROCKVILLE, MD. \* PAGE 3 OF 4 \*  
\* JOB CM-7301 \* LANDMARKS FOR CHARTS \* STATE NEW JERSEY \*  
\* PRJ N Y HARBOR \* TO BE REVISED \* LOCALITY P READING TO KEASBEY \* 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 *                           | * RECORD REASON FOR DELETION | * LATITUDE DM | * ALTEK*   | * OF LOCATION     | * *AFFECTED* |
| * PUT TRIANGULATION NAMES IN ( ) * | * LONGITUDE DP               | * DGTZD*      | * OFFICE * | * FIELD           |              |

|                                   |                                  |               |        |                  |            |
|-----------------------------------|----------------------------------|---------------|--------|------------------|------------|
| * STACK *                         | * (KEASBY CARBORUNDUM CO TALL    | * 40 30 41.74 | 1287.5 | NOT *74E(C)7097* | * 375 *    |
| * CHIMNEY 1932)                   | * 74 18 29.11                    | 685.3         | DGTZD* | 10/19/74 *       |            |
| * STACK *                         | * (NORTH PERTH AMBOY INCINERATOR | * 40 30 56.24 | 1734.7 | NOT *74E(C)7097* | * 375 *    |
| * CHIMNEY 1932)                   | * 74 17 20.05                    | 472.0         | DGTZD* | 10/19/74 *       |            |
| * STAND-*                         | * (PERTH AMBOY STANDPIPE 1930)   | * 40 31 21.74 | 670.6  | NOT *74E(C)7097* | * 286 *    |
| * PIPE *                          |                                  | * 74 17 01.50 | 35.3   | DGTZD*           | 10/19/74 * |
|                                   |                                  |               |        |                  | 12327 *    |
| * STACK *                         | * (VASLINE 1915)                 | * 40 30 15.61 | 481.5  | NOT *74E(C)7097* | * 286 *    |
| * TALLEST STACK                   | * 74 16 45.61                    | 1073.9        | DGTZD* | 10/19/74 *       | 12327 *    |
|                                   |                                  |               |        |                  | 12328 *    |
| * SPIRE *                         | * (ST PETERS CHURCH DOME 1903)   | * 40 30 13.15 | 405.6  | NOT *74E(C)7097* | * 286 *    |
|                                   |                                  | * 74 15 56.32 | 1326.1 | DGTZD*           | 10/19/74 * |
|                                   |                                  |               |        |                  | 12327 *    |
|                                   |                                  |               |        |                  | 12328 *    |
| * TANK *                          | * (PERTH AMBOY BANK BUILDING     | * 40 30 32.77 | 1010.8 | NOT *74E(C)7097* | * 286 *    |
| * TANK 1931)                      | * 74 16 05.48                    | 129.0         | DGTZD* | 10/19/74 *       | 12327 *    |
|                                   |                                  |               |        |                  | 12328 *    |
| * TANK *                          | * (PERTH AMBOY GEN CABLE CO STD  | * 40 30 49.03 | 1512.3 | NOT *74E(C)7097* | * 286 *    |
| * UNDERGROUND PLANT TANK 1931)    | * 74 15 41.83                    | 984.8         | DGTZD* | 10/19/74 *       | 12327 *    |
|                                   |                                  |               |        |                  | 12328 *    |
| * SPIRE *                         | * (PERTH AMBOY ST STEPHENS       | * 40 30 56.85 | 1753.5 | NOT *74E(C)7097* | * 286 *    |
| * POLISH CATH CH SPIRE 1930)      | * 74 15 51.84                    | 1220.4        | DGTZD* | 10/19/74 *       | 12327 *    |
|                                   |                                  |               |        |                  | 12328 *    |
| * TANK *                          | * (MAURER GENERAL ASPHALT CO     | * 40 32 28.63 | 883.1  | NOT *74E(C)7095* | * 286 *    |
| * TANK 1931)                      | * 74 16 23.40                    | 550.7         | DGTZD* | 10/19/74 *       | 12327 *    |
|                                   |                                  |               |        |                  | 12328 *    |
| * TALL *                          | * (PERTH AMBOY FORD PORCELAIN    | * 40 30 50.44 | 1555.8 | NOT *74E(C)7095* | * 286 *    |
| * TANK * WORKS TALLEST TANK 1930) | * 74 16 43.05                    | 1013.5        | DGTZD* | 10/19/74 *       | 12327 *    |
|                                   |                                  |               |        |                  | 12328 *    |

| * TYPE OF ACTION       | * NAMES OF RESPONSIBLE PERSONNEL | * ORIGINATOR           |
|------------------------|----------------------------------|------------------------|
| * POSITIONS DETERMINED | * NO FIELD EDIT-CLASS III MAP    | * FIELD REPRESENTATIVE |
| * AND/OR VERIFIED BY   | * G. VANDERHAVEN                 | * OFFICE COMPILER      |
| * FIELD AND OFFICE     | * NOT DIGITIZED                  | * 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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|                   |                                  |                         |
|-------------------|----------------------------------|-------------------------|
| * SVY TP-00749 *  | * RPT UNIT CMD ROCKVILLE, MD. *  | * PAGE 4 OF 4 *         |
| * JOB CM-7301 *   | * STATE NEW JERSEY *             |                         |
| * PRJ N Y HARBOR* | * LOCALITY P READING TO KEASBEY* | * 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 \*

| DESCRIPTION                | POSITION     | CMD   | METHOD AND DATE | CHARTS |
|----------------------------|--------------|-------|-----------------|--------|
| RECORD REASON FOR DELETION | LATITUDE DM  | ALTEK | OF LOCATION     |        |
| NAME                       | LONGITUDE DP | DGTZD | OFFICE          | FIELD  |

\* CHARTED LDMK(S) UNIDENTIFIABLE ON COMPILATION PHOTOGRAPHY. \*

|         |                              |               |        |        |         |
|---------|------------------------------|---------------|--------|--------|---------|
| * TANK  | * (FORDS, HAYDEN CHEMICAL CO | * 40 30 51.18 | 1578.7 | NOT    | * 375   |
|         | * TANK 1932)                 | * 74 19 23.03 | 542.2  | DGTZD* |         |
| * SHOT  | * (SHOT 1915)                | * 40 31 48.31 | 1490.1 | NOT    | * 286   |
| * TOWER |                              | * 74 15 42.45 | 999.1  | DGTZD* | * 12327 |
|         |                              |               |        |        | * 12328 |

27

| TYPE OF ACTION       | NAMES OF RESPONSIBLE PERSONNEL | ORIGINATOR           |
|----------------------|--------------------------------|----------------------|
| POSITIONS DETERMINED | NO FIELD EDIT-CLASS III MAP    | FIELD REPRESENTATIVE |
| AND/OR VERIFIED BY   | G. VANDERHAVEN                 | OFFICE COMPILER      |
| FIELD AND OFFICE     | NOT DIGITIZED                  | DIGITIZER            |
| ACTIVITIES           | G. FROMM                       | DATA PROCESSER       |

TP-00749

National Archives Data

None

